Indian and Northern Affairs Affaires indiennes et du Nord

Well Name / Nom du puits: Dome Imp South Peel D-64	Drilling Authority No. / Autorisation de forage n° 688
Field/Area / Gisement/Région: Taylor Lake, N.W.T.	Date Issued / Date d'émission March 26, 1973

Location / Emplacement — Unit / Unité: D-64-66-00-132-15 — Section — Permit or Lease: 3568

Latitude: 65°53'04" — Longitude: 132°27'50"

U.W.L.R. / N.R.U.E.P.: 65.88444 — 132.46389

U.W.I. No. / N.I.P. No.: 300D646600132150

File Microfilmed

Tour Sheets, Microfilmed

Rig. Release Date / Date de transfert de la tour de forage: Mar. 15, 1974

Status / Statut: D. & A.

Information Release Date / Date de publication autorisée des informations: Mar. I5, I976

CHANGE OF NAME:
CHANGEMENT DE NOM:

Change of Location
Changement de emplacement

INDEX	DATE RECEIVED / RECU LE		INDEX
Application for a Drilling Authority	15-04-73	K	Demande d'autorisation de forage
Well Completion Data			Renseignements sur le forage d'un puits
Well History Report			Données chronologiques sur le puits
Application to Amend a Drilling Authority			Demande de modification d'une autorisation de forage
Application to Change a Well Name			Demande de changement du nom d'un puits
Application to Abandon a Well or Suspend Drilling			Demande d'abandon d'un puits ou de suspension du forage
Application to Alter Condition of a Well			Demande d'autorisation de modifier l'état d'un puits
Well History Supplement			Supplément aux données chronologiques sur le puits
Well Completion Data			Renseignements sur le forage d'un puits
Work-Over Report No.			Rapport de reconditionnement n° . . . . .
Application to Commingle Production before Measurement			Demande d'autorisation de mélanger la production avant jaugeage
Data for Back Pressure Test on Natural Gas Wells			Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode graphique n° 7
Data for Back Pressure Test on Natural Gas Walls			Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode de Vitter
M.P.R. — Oil — Calculations			Calcul du T.M.P. (Taux maximal de production) de pétrole
New Oil Well Report			Rapport sur un nouveau puits de pétrole
New Gas Well Report			Rapport sur un nouveau puits de gaz naturel
Well Inspection Report			Rapport d'inspection de l'emplacement d'un puits
Rig Inspection Report			Rapport d'inspection d'une tour de forage
Battery Inspection Report			Rapport d'inspection d'une batterie de puits
Equipment Report			Rapport d'inspection des compteurs
Well Card			Fiche de puits
New Service Well Report			Rapport sur un nouveau puits de service
Strat Service Logs			Rapport mensuel des injections d'eau
Logs — Large scale			Diagrammes: Grande échelle
Logs — Small scale			Diagrammes: Petite échelle

DEPARTMENT OF INDIAN AFFAIRS & NORTHERN DEVELOPMENT
MINISTÈRE DES AFFAIRES INDIENNES ET DU NORD CANADIEN

OIL & MINERAL DIVISION
DIVISION DU PÉTROLE ET DES MINÉRAUX

WELL COMPLETION DATA
RENSEIGNEMENTS SUR LES FORAGES

Drilling Authority No. 688
N° de l'autorisation de forage
Date Issued March 26, 1973.
Date de délivrance

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.
À présenter en double dans les trente jours suivant l'achèvement, le remaniement, l'abandon et le reconditionnement de chaque puits, ou après suspension.

Well Name & No — *Nom et n° du puits*	Permit No. — *N° de permis*	Lease No. — *N° de concession*
Dome Texaco Imp South Peel D-64	3568	

(Permittee, License, Lessee) — *(Détenteur de permis ou de licence, du concessionnaire)*	Exploratory Licence No. — *N° de licence de sondage*
Imperial Oil Enterprises Ltd.	2022 (73-74)
(Operator) — *(Exécutant)*	Exploratory Licence No. — *N° de licence de sondage*
Dome Petroleum Limited	1516 (72-73)

LOCATION — *EMPLACEMENT*

Unit — *Unité*	Section	Grid — *Étendue quadrillée*	Latitude	Longitude
D	64	66-00-132-15	N 65° 53' 04"	W 132° 27' 50"

Unique Well Identifier — *Code d'ordinateur*	Universal Well Location Reference — *Références universelles d'emplacement du puits*	
300D646600132151	Lat. 65.88444	Long. 132.46389

	Date	Depth — *Profoneur*
Spudded *Début des travaux*	Apr. 4/73	
Suspended *Suspension des travaux*	Apr.11/73	1510'
Resumed Operations *Reprise des travaux*	Dec.22/73	1510'
Finished Drilling *Forage terminé*	Feb.20/74	6514'
Deepened *Approfondissement*		
Complete (Gas/Oil) *Achèvement (Gaz/Pétrole)*		
Abandoned *Abandon*	Mar.14/74	6514'
Rig Released *Fin des travaux*	Mar.15/74	6514'

Pool(s) *Gisement(s)*

Interval(s) Open to Production *Intervalle(s) de production*

Elevation: Gr. *Altitude du sol* 1815' K.B. *du carré d'entraînement* 1831'

Rig No. *N° de la tour de forage* 11

Drilling Contractor *Entrepreneur en forage* Gustavson Arctic Drilling Ltd.

Contractor's Business Licence No. *N° du permis de l'entrepreneur* 1-0047

CASING RECORD — *TUBAGE*

Casing Size (Inches) *Diamètre (en pouces)*	Grade *Qualité*	Weight *Poids*	Amount *Longeur*	Set at — *Fixation à*	Sacks of Cement and Additives *Sacs de ciment et d'additifs*
1. 13-3/8"	J-55	54.5#	60'	60'	150 sacks Permafrost
2. 9-5/8"	K-55	40.0#	1500.98'	1500'	800 " "
3.					
4.					
5.					
6.					

Geological Tops *Sommet des formations*	Elevation — *Profondeur* Depths *Sous le niveau du sol*	Sub-Sea *Sous le niveau de la mer*
Lower Cretaceous	103'(?)	+1728'
L. Cret. Sandstone	3130'	-1299'
Imperial Form.	3250'	-1419'
Canol-Gayna R. Shale	4900'	-3069'
Hume Limestone	5115'	-3284'
Hume Shale	5262'	-3431'
Gossage Form.	5584'	-3753'
T.D.	6514'	-4684'

Core Record — *Carottes*

From — *de*	To — *à*	Rec. *Récupérées*	From — *de*	To — *à*	Rec. *Récup.*
6467'	6514'	47'			

Log Record — *Diagrammes*

Run *Série*	Type of Log *Genre de diagramme*	From — *De*	To — *À*
1&2	Dual Ind. Laterolog	76-1503'	1510-6457'
1&2	B.H.C. Sonic	76-1506'	1510'-6455'
1	Sidewall Neutron Por.	3900'	6454'
1	Comp. Formation Density	3890'	6454'

CEMENTING RECORD (Plug, Squeeze, etc.) / CIMENTATION (Bouchon, sous pression, etc.)

Date	From – de	To – à	Remarks – Remarques
March 13/74	6300'	6467'	66 sx Oilwell (No feel
March 13/74	5650'	5750'	40 sx Oilwell. Plug at 5640'.
March 14/74	3075'	3200'	155 sx Oilwell. Plug at 3060'.
March 14/74	1450'	1550'	100 sx Oilwell. Plug
March 15/74	1450'	1550'	at 1310'
March 15/74	Surface		5 sx Oilwell cement.
	Welded on	plate and	installed well marker.

PERFORATING RECORD (Bullet, Jet) / PERFORATION (à balles, à jet)

Date	From – de	To – à	Remarks – Remarques

SERVICING RECORD (Acidizing, Fracing, etc.) / ENTRETIEN (acidification, fracturation, etc.)

Date	From – de	To – à	Remarks – Remarques

DRILL STEM TESTS – ESSAIS AUX TIGES

No. – N°	1974 Date	Formation	From – de	To – à	V.O. Mins. Vanne ouverte (minutes)	I.S.I. Mins. Première obturation (minutes)	F.S.I. Mins. Obturation définitive (minutes)	I.S.I.B.H.P. Pression de fond à la 1re obturation	F.S.I.B.H.P. Pression de fond à l'obturation définitive	I.F.B.H.P. Pression defond au jaillissement	F.F.B.H.P. Pression de fond à l'écoulement définitif	L.H.P. Pression hydrostatique de début	F.H.P. Pression hydrostatique définitif	Remarks – Remarques
1.	Mar. 9	Devonian	6300'	6467'	91	61	85	1617	1830	85	110	2930	2880	Weak airblow on Preflow, increasing slightly on Flow Period. Rec. 300' gel and diesel fuel
2.	Mar.10	Gossage	5540'	5715'	30	30	60	- - -	- - -	- - -	- - -	- - -	- - -	No airblow on Preflow - Misrun.
3.	Mar.11	Gossage	5540'	5715'	60	60	60	Hit bridge running in hole caused recorders to malfunction, also plugged tool. - Misrun.						
4.	Mar.12	Gossage	5540'	5715'				- - -	- - -	- - -	- - -	- - -	- - -	Misrun.

ANALYSIS – ANALYSE

Lab. No. N° de laboratoire	Sample Échantillon	From – de	To – à	Source	Remarks – Remarques
7021'-7047'	Water			Flow while stuck.	
7021'-4355'	Mud Filtrate	5540'	5715'	DST #3	

PRESENT STATUS OF WELL / ETAT ACTUEL DU PUITS

Oil / Pétrole		(Interval)(Intervalle)
Gas / Gaz		(Interval)(Intervalle)
Dry / Sec	X	
Susp. / Travaux sus.		

Company / Société: DOME PETROLEUM LIMITED

Signed by / Signé par: D. L. Gray

Title / Titre: Ass't Manager, Arctic Drilling.

Date: July 3, 1974.

Forms to be prepared in duplicate and forwarded to the District Conservation Engineer.

Présenter les formules remplies à l'ingénieur en conservation du district.

Drilling Authority No. ..688.....

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

OIL AND MINERAL DIVISION

Application for a Drilling Authority

This notice of intention to begin drilling operations, in triplicate, and where required a plan of survey approved by the Surveyor General showing the target area or the site of the well must be submitted and approved before commencing operations.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to drill:–

Name and number of well ..... DOME IMP SOUTH PEEL D-64 .....

Location: Unit .... D ..... Section ..64..... Grid 66-00-132-15' .....
Latitude N 65°53'04" ..... Longitude W 132°27'50" .....
Unique Well Identifier. 300D646600132150 .....
Universal Well Location Reference. Lat: 65.88444 Long: 132.46389 .....

Elevation: Ground ..... 1815' ..... K.B. ..... 1831 ..... feet above sea-level.
Well is expected to produce from ... Gossage (M. Devonian) ..... formation at a depth
of about ... 6000 ..... feet. Expected total final depth ..... 8000' .....
Area assigned to well .....
(for District Conservation Engineer's use only)

Permit No. ... 3568 ..... Lease No. ..... Acreage ..52306 acres.....
Permittee, licensee, or lessee ..... Imperial .....
Exploratory Licence No. 1510 (72-73) 2022 (73-74)
Surface owned by Crown or ..... Crown .....
(If alienated submit name and address of owner and occupant.)

Petroleum and natural gas rights owned by ..... Crown .....
We propose to use the following strings of casing, either cementing or landing them as indicated below:–

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Sacks of Cement
1. 13-3/8"	54.5	K-55	New	60'	150
2. 9-5/8"	40	C-75	New	1500'	700
3. 7"	23# & 26#	N-80	New	8000'	500
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment. Gossage, Ronning, Sans Salt - these formations to be controlled by 1500' surface casing; ram type BOPs, Hydril and 9.5#/gal. mud.

Well will be drilled with Rotary Rig No. ... 11 ..... by Gustavson Arctic Drilling Ltd.....
(Drilling Contractor or company)

Responsible agent of applicant:– Contractor's Business Licence No. 1-0047.
At well .... H.D. Howard, ... At registered office .... E.R. Tovell, ...
Address ... Inuvik, N.W.T. ..... Address .... 706 - 7 Avenue SW., Calgary, Alberta.
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary, Alberta ....., this ....2nd .... day of ..... March ..... 19 73.
Signed by ... E.R. Tovell ..... Company ..... DOME PETROLEUM LIMITED.....
Title Mgr, Drlg & Prod. Operations. Operator's Licence No. 1516 (72-73) 2010 (73-74)

(For Oil and Mineral Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:

..... PLEASE SEE ATTACHED SHEET FOR CONDITIONS OF APPROVAL .....

Dated... MARCH 26 ..... 1973 ..... A. Thomson .....
District Conservation Engineer

Forms to be submitted to District Conservation Engineer, Department of Indian Affairs and Northern Development.

IAND 52-90-1 (8-71)

Voir au verso

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 688
FOR DOME IMP SOUTH PEEL D-64 (66-00-132-15)

1. Copies of this Drilling Authority shall be exhibited at the Drilling rig in both the Doghouse and the Drilling Formans Office between spud and rig release dates.

2. The Company will submit to this office, on Tuesdays of each week/daily, the latest reports received by radio on the progress of the well.

3. During well drilling and testing operations, every effort shall be made to ensure that drilling fluids, chemicals and waste shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

4. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.

5. Any additional strings of casing must be approved by the District Conservation Engineer prior to running.

6. All significant shows of oil and/or gas are to be reported to the District Conservation Engineer immediately.

7. Should a fatal accident occur, drilling operations are to be suspended and the District Conservation Engineer notified immediately. Permission to resume drilling must be granted by the District Conservation Engineer after a fatality.

8. Forward to this Office two field print copies of all well logs with formation tops marked thereon and three copies of core analysis and fluid analysis as soon as they are available.

9. Formation tops (samples or logs) of the section penetrated each week are to be reported with the weekly drilling reports.

10. You are required to report to the Inuvik Office at least twenty-four (24) hours <u>before</u> spudding.

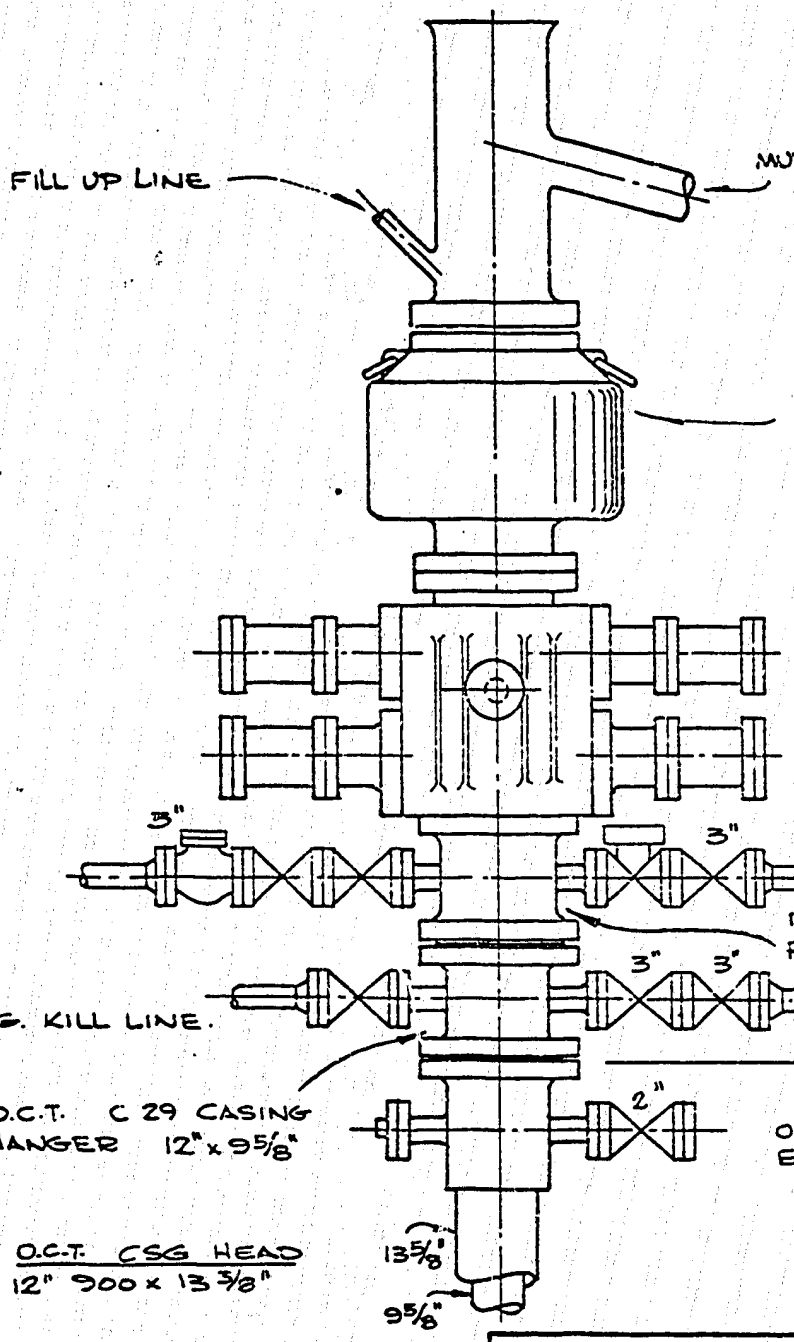
A. F. Halcrow
District Conservation Engineer
District 2 and 3

DOME IMP SOUTH PEEL D-64

GEOLOGICAL PROGNOSIS

Cretaceous	-		---	Surface
Devonian	-	Imperial Shale	-1437'	3252'
		Hume Limestone	-3000'	4815'
		Gossage Limestone	-3400'	5215'
		Gossage Dolomite	-4200'	6015'
Silurian	-	Ronning Dolomite	-5500'	7315'
		Total Depth	-6185'	8000'

Base Permafrost: 300'.



DOME PETROLEUM LIMITED

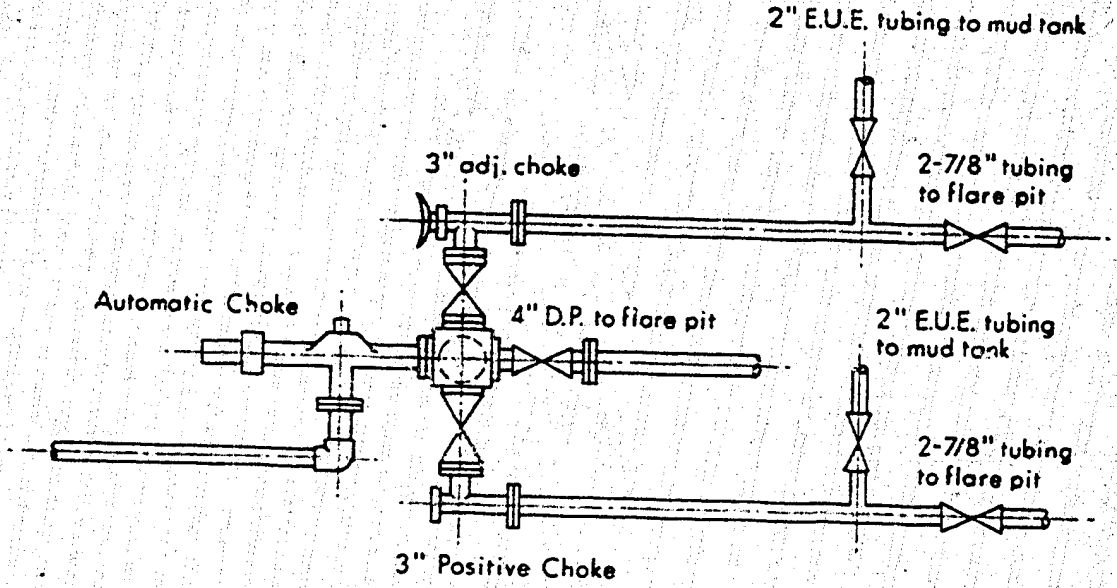
CALGARY ALBERTA CANADA

TITLE:

BLOWOUT PREVENTER STACK

DOME-IMP. ~~TAYLOR~~ K. D-64
South Reel

DRAWN J.S.	DATE 26 Oct. '72	JOB No.	
CHKD.	ENG. APPVD.		
APPVD.	SCALE None.	DWG No. A-GEN-630-01	Rev. △



DOME PETROLEUM LIMITED

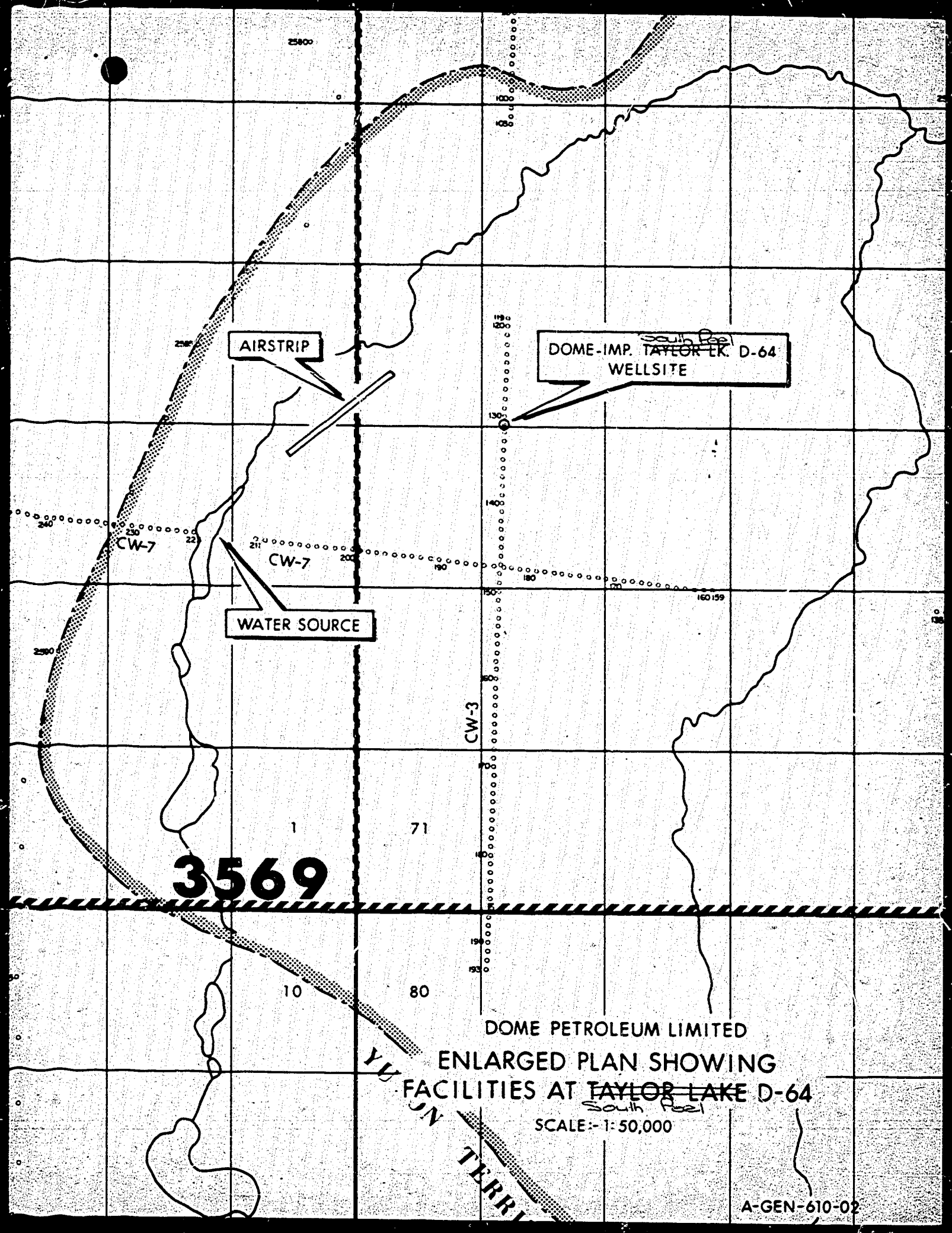
CALGARY ALBERTA CANADA

TITLE:

CHOKE MANIFOLD

DOME-~~IMP. TAYLOR-EK~~. D-64
South Peel

DRAWN D. Lowder	DATE 22 Nov./72	JOB No.	
CHKD L.G.	ENG. APPVD.		
APPVD.	SCALE None	DWG No. A-GEN-630-07	Rev. 0



DOME PETROLEUM LIMITED

ENLARGED PLAN SHOWING

FACILITIES AT ~~TAYLOR LAKE~~ South Pool D-64

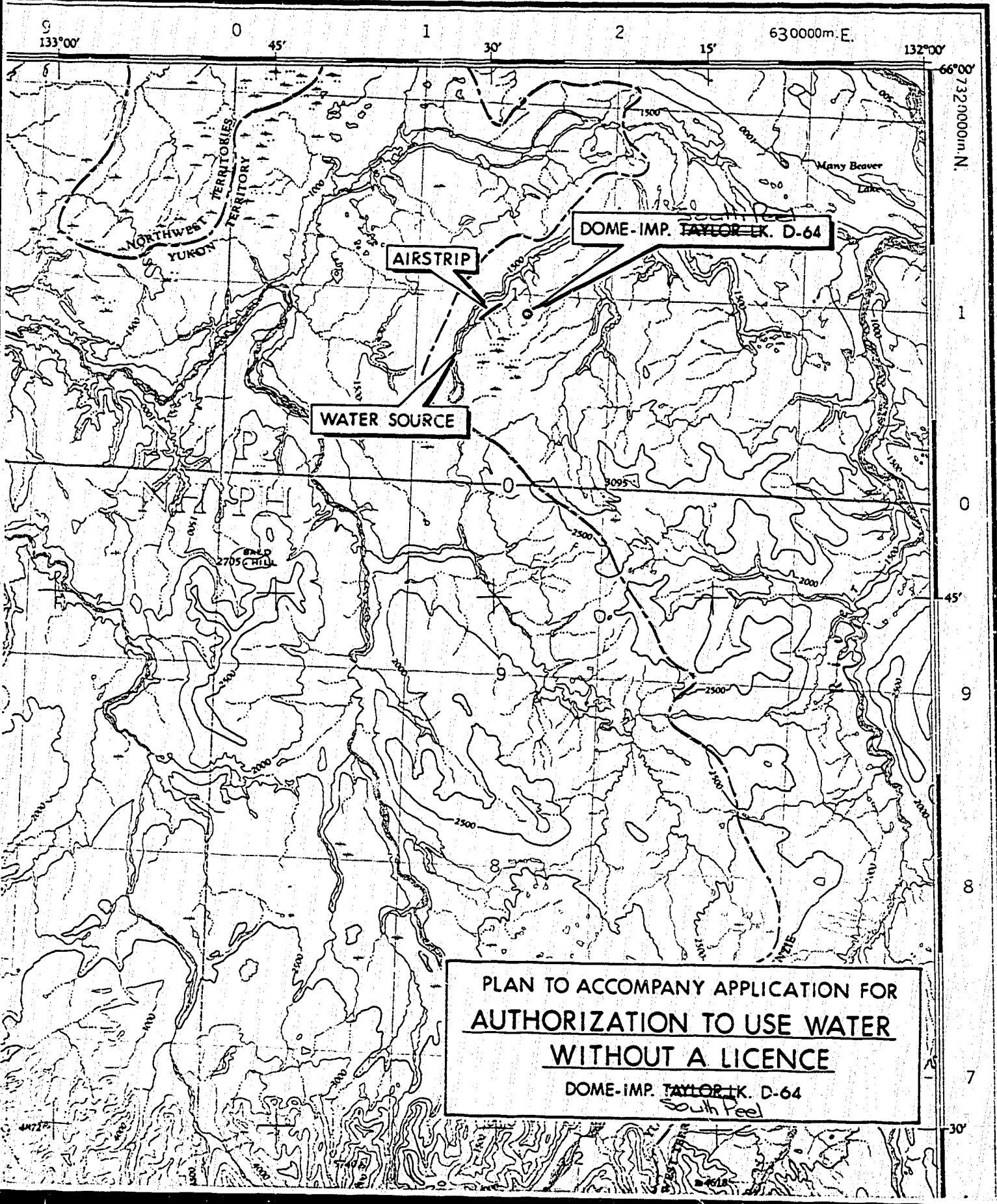
SCALE:- 1:50,000

A-GEN-610-02

NAD A

FIRST EDITION

SHEET 106 F

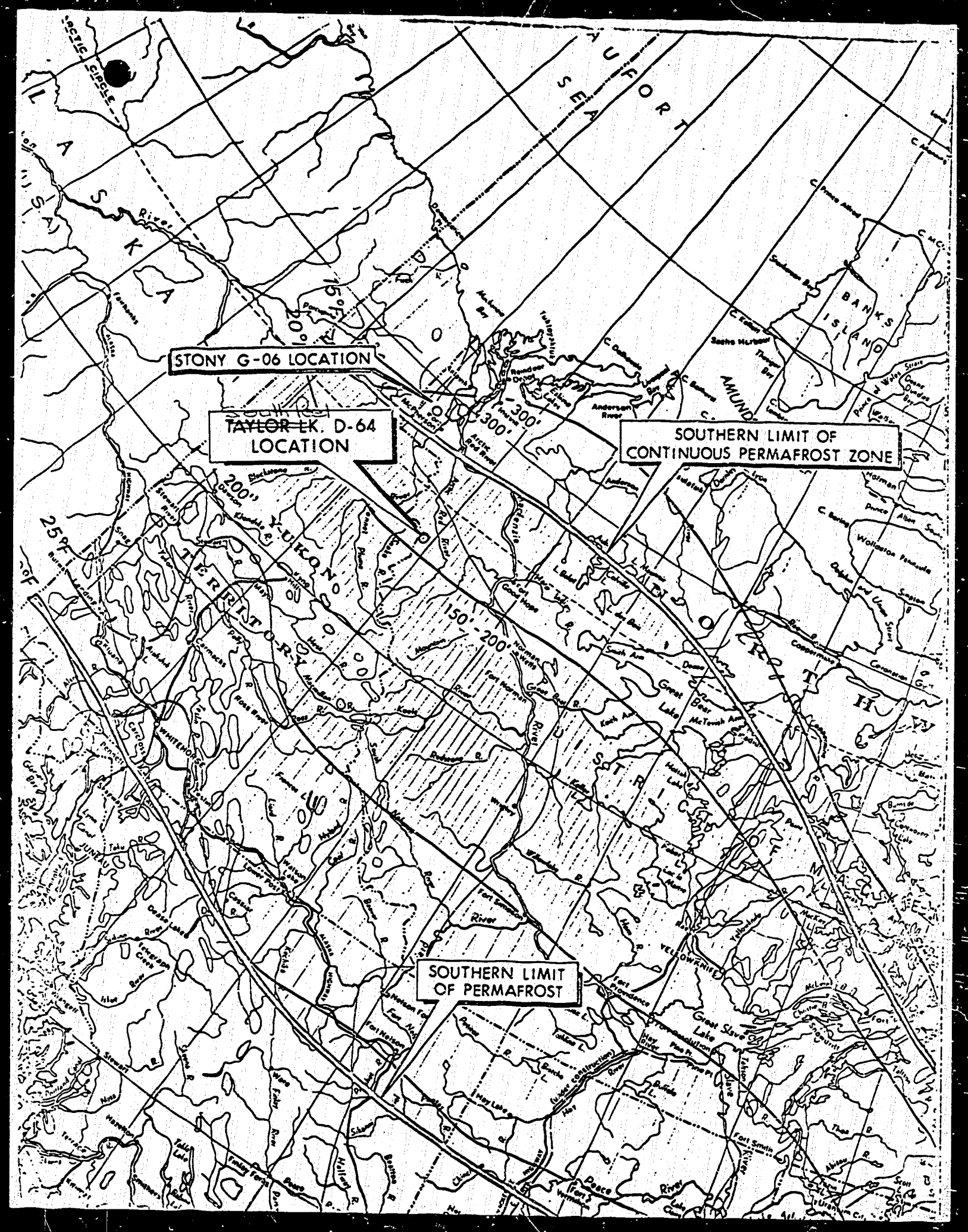


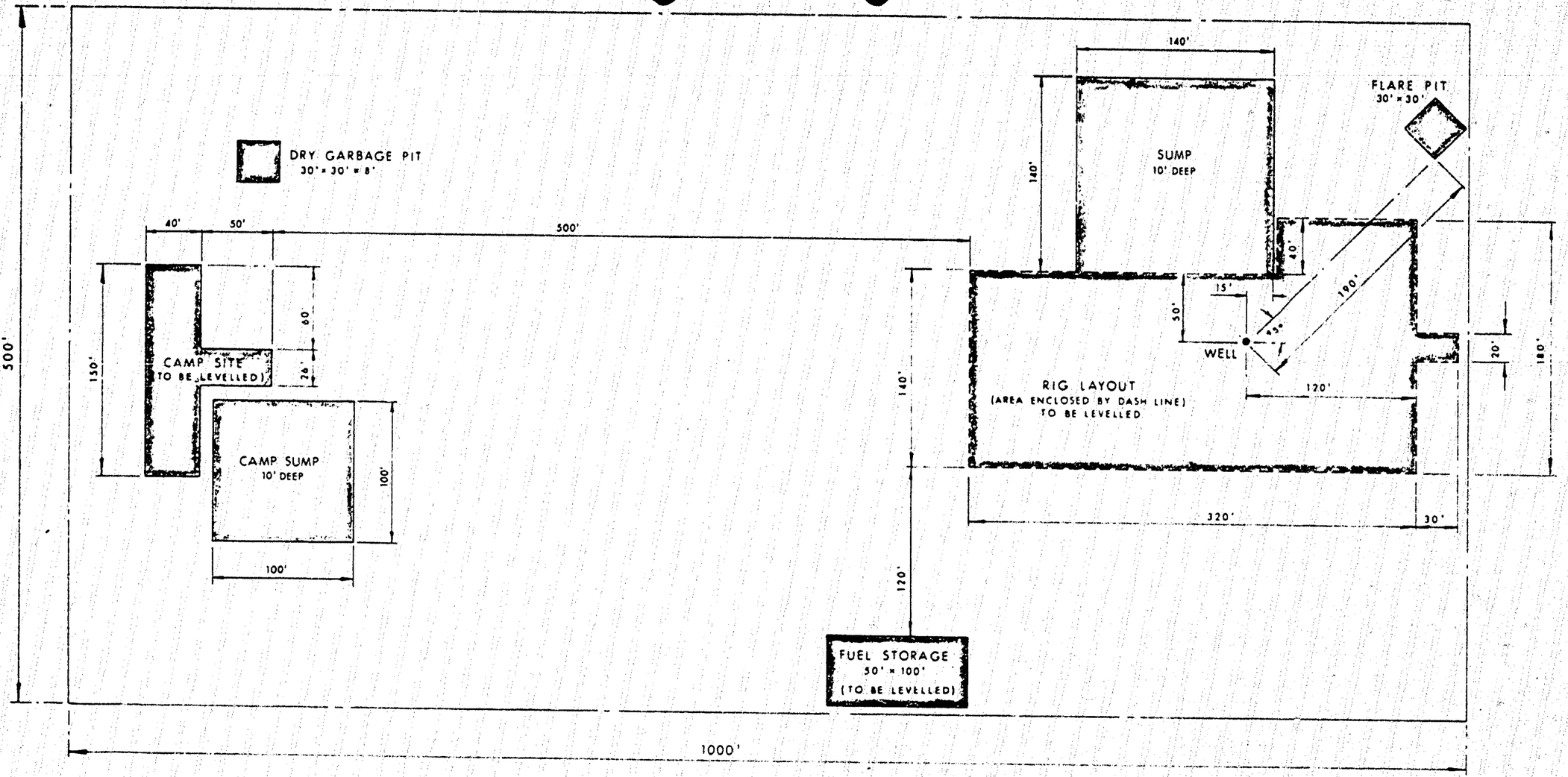
PLAN TO ACCOMPANY APPLICATION FOR

AUTHORIZATION TO USE WATER WITHOUT A LICENCE

DOME-IMP. ~~TAYLOR LK.~~ D-64

South Peel


STONY G-06 LOCATION
TAYLOR LK. D-64 LOCATION
SOUTHERN LIMIT OF CONTINUOUS PERMAFROST ZONE
SOUTHERN LIMIT OF PERMAFROST
ARCTIC CIRCLE
BEAUFORT SEA
ALASKA
YUKON TERRITORY
NORTHWEST TERRITORIES
BANKS ISLAND
AMUNDSEN
-300'
300'
200'
150'-200'
25°F
0°F
WHITEHORSE
YELLOWKNIFE
Great Slave Lake
Great Bear Lake
Great Bear River
Mackenzie River
Arctic Red River
Fort Norman
Norman Wells
Fort Simpson
Fort Nelson
Fort Providence
Fort Smith
Peace River
Liard River
Yukon River
Stewart River
Klondike R.
Pelly River
Ross River
Frances Lake
Watson Lake
Dawson
Inuvik
Aklavik
Tuktoyaktuk
Coppermine
Cambridge Bay
Holman
Prince Albert Sound
Wollaston Peninsula
Darnley Bay
Minto
Carmacks
Faro
Teslin
Atlin
Carcross
Whitehorse
Junction
Alaska Hwy
Mackenzie Hwy
Liard Hwy
Dempster Hwy
Robert Campbell Hwy
Klondike Hwy
Tagish
Jake's Corner
Beaver Creek
Destruction Bay
Burwash Landing
Kluane Lake
Haines Junction
Snag
Eagle Plain
Old Crow
Arctic Red River
Tsiigehtchic
Wrigley
Simpson
Norman Wells
Fort Norman
Fort Good Hope
Colville Lake
Fort Franklin
Great Bear Lake
Deline
Rae
Yellowknife
Fort Providence
Fort Resolution
Hay River
Enterprise
Fort Smith
Pine Point
Fort Liard
Fort Nelson
Fort St. John
Dawson Creek
Hudson Hope
Chetwynd
Mackenzie Mountains
Richardson Mountains
Ogilvie Mountains
Wernecke Mountains
Selwyn Mountains
Cassiar Mountains
Pelly Mountains
Hyland
Rancheria
Watson Lake
Upper Post
Lower Post
Cassiar
Atlin
Telegraph Creek
Stewart
Hazelton
Terrace
Kitimat
Prince Rupert
Smithers
Houston
Burns Lake
Vanderhoof
Prince George
Mackenzie
Germansen Landing
Finlay Forks
Williston Lake
Mackenzie Reach
Peace Reach
Peace River
Hudson Hope
Fort St. John
Dawson Creek
Chetwynd
Tumbler Ridge
Pine Pass
Mackenzie
Prince George
Quesnel
Williams Lake
Alexis Creek
Anahim Lake
Bella Coola
Ocean Falls
Port Hardy
Port Alice
Campbell River
Courtenay
Nanaimo
Victoria
Vancouver
Whistler
Pemberton
Squamish
Powell River
Sechelt
Gibsons
Langdale
Horseshoe Bay
Lions Bay
Britannia Beach
Squamish
Whistler
Pemberton
Lillooet
Lytton
Boston Bar
Hope
Chilliwack
Abbotsford
Mission
Langley
Surrey
White Rock
Delta
Richmond
Vancouver
North Vancouver
West Vancouver
Bowen Island
Gibsons
Sechelt
Powell River
Courtenay
Comox
Campbell River
Port Hardy
Port Alice
Zeballos
Gold River
Tahsis
Kyuquot
Nootka
Hesquiat
Ahousat
Tofino
Ucluelet
Port Alberni
Nanaimo
Ladysmith
Chemainus
Duncan
Victoria
Sooke
Port Renfrew
Jordan River
Sooke
Victoria
Saanich
Sidney
Gulf Islands
Salt Spring Island
Galiano Island
Mayne Island
Pender Islands
Saturna Island
Thetis Island
Kuper Island
Chemainus
Ladysmith
Nanaimo
Gabriola Island
Valdes Island
Denman Island
Hornby Island
Comox
Courtenay
Cumberland
Union Bay
Fanny Bay
Qualicum Beach
Parksville
Nanoose Bay
Lantzville
Nanaimo
Departure Bay
Gabriola Passage
Dodd Narrows
Porlier Pass
Active Pass
Swanson Channel
Stuart Channel
Georgia Strait
Strait of Georgia
Juan de Fuca Strait
Haro Strait
Boundary Pass
Rosario Strait
Bellingham Bay
Puget Sound
Olympic Peninsula
Port Angeles
Sequim
Dungeness
Port Townsend
Whidbey Island
Fidalgo Island
Anacortes
Bellingham
Blaine
Peace Arch
Point Roberts
Boundary Bay
Mount Baker
Mount Shuksan
Mount Rainier
Mount Olympus
Mount Baker-Snoqualmie National Forest
Olympic National Park
Olympic National Forest
Gifford Pinchot National Forest
Mount St. Helens
Mount Adams
Columbia River
Columbia Gorge
Columbia Plateau
Columbia Basin
Columbia Hills
Columbia Hills State Park
Columbia Hills Historical State Park
Columbia Hills Natural Area Preserve
Columbia Hills Natural Area Preserve
Columbia Hills Natural Area Preserve



SHOTHOLE DRILLING PATTERN FOR BLASTING SUMPS AND FLARE PIT

8'-0" Between Holes.
6'-0" Between Rows (Staggered)
14'-0" Deep.

No	By	Date	Revision	Apprd.
1	D.L.	1/73	ENLARGED SUMPS	

DOME PETROLEUM LIMITED
CALGARY ALBERTA CANADA

TITLE

DOME - IMP. ~~TAYLOR LK.~~ South Peel D-64

PROPOSED LOCATION LAYOUT

DRAWN B. Lust	DATE 7 July 1972	JOB No.	REV. 1
CHKD	ENG APPVD	DWG. No. B-GEN-610-01	
APPVD	SCALE 1" = 80'-0"		

CANADA

Drilling Authority No. 688.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to [redacted] Suspend Drilling

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to abandon, to suspend drilling:—

Name and number of well: Dome Imp South Peel D-64

Location: Unit D Section 64 Grid 66-00-132-15

Latitude N 65°53'04" Longitude W 132° 27'50"

From Established Reference Marker: 300 D 6466 0013 2150

Universal Well Location Reference: Lat. 65.88444 Long. 132.46389

Permit No. 3568 Lease No.

Imperial Oil Limited
(Permittee, Licencee, Lessee)

Date of commencement of proposed program: April 11, 1973

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at: N/A

Gas at: N/A

Water at: N/A

Present Total Depth: 1510' Date of last operations: April 11, 1973

Present condition of well: Surface casing run and cemented to surface. BOPs installed. Casing and BOPs pressure tested to 1800 psi. Upper 750' of casing displaced to diesel oil to protect from freezing.

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1.	13-3/8"	54.5#	60'	60'	150 sacks Permafrost	N/A
2.	9-5/8"	40#	1500.98'	1500'	800 sacks Permafrost	N/A
3.						
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
	N/A			

The following logs have been run: Dual-Induction Laterolog, BHC Gamma Sonic Caliper.

Other operations proposed: Will start up drilling operation after freeze-up in winter 1973/74.

Operations to be carried out by: Dome Petroleum Limited. Contractor Licence No. 1-0047

Address: 706 - 7 Avenue S.W., Calgary, Alberta. Address

Responsible Agent in field

Dated at Calgary, Alberta, this 18th Day of April, 1973.

Signed by [signature] Company: DOME PETROLEUM LIMITED

Title: Mgr., Drilling & Prod. Ops. Operator's Exploratory Licence No. 1516.

Note:—The District Conservation Engineer's office must be notified before work is commenced.

(For OIL AND MINERAL DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions:

Confirming verbal approval given by Mr. A. F. Halcrow, on April 10, 1973

Dated April 26, , 19 73 [signature]
District Conservation Engineer

IAND 52-90-5 (7-71)

Forms to be submitted in triplicate to District Conservation Engineer, Department of Indian Affairs and Northern Development.

Voir au verso

File No. .....

Drilling Authority No. 688

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

CONSERVATION ENGINEER
NOV 23 1973
YELLOWKNIFE, N.W.T.

Application to Change a Well Name

Application is made hereby to change the name of the well, recorded in the Well-names Register as—

DOME IMP SOUTH PEEL D-64
(Old name)

to DOME TEXACO IMP SOUTH PEEL D-64.
(Proposed new name)

Well Location

Location: Unit D Section 64 Grid 66-00-132-15

Latitude N 65° 53' 04" Longitude W 132° 27' 50"

From Established Reference Marker

Universal Well Location Reference Lat. 65.88444 Long. 132.46389

Reason for Changing Well Name

Texaco Exploration Company has been taken in as a partner on this well, and requests inclusion of its company name in the well name.

Dated at Calgary, this 21st day of November, 1973.

Signed by H. E. Howard

Title Drilling Sup't.

Company DOME PETROLEUM LIMITED.

(For Resource Management Division use only)

APPROVED

This application has been examined and approved:

Date Nov 26, 1973

Oil Conservation Engineer

Forms to be submitted in triplicate to the Oil Conservation Engineer, Department of Indian Affairs and Northern Development, Calgary, Alberta.

IAND 52-90-4 (3-67)

File No.....

Drilling Authority No. 688.

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
NOV 29 1973
YELLOWKNIFE, N.W.T.
LANDS AND DEVELOPMENT BRANCH

Application to Alter Condition of a Well

Notice of Intention to Resume Operations to ~~Recondition,~~ Deepen, ~~Recomplete or Reopen a Suspended~~ Well
(Strike out words that are not applicable.)

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to:

Type of operation: Deepen well below surface casing shoe at 1500' to estimated total depth of 8000'.

Name and number of well: Dome Texaco Imp South Peel D-64.

Location: Unit D Section 64 Grid 66-00-132-15

Latitude N 65° 53' 04" Longitude W 132° 27' 50"

Unique Well Identifier: 300 D64 6600 132150

Universal Well Location Reference: Lat. 65.88444 Long. 132.46389

Permit No. 3569. Lease No.

Permittee, Licensee, Lessee: Imperial Oil Ltd.

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at: Nil

Gas at: Nil

Water at: Nil

Total depth: 1510' Date of last operation: April 11, 1973.

Present condition of well: Suspended after setting surface casing to 1500'. Due to spring breakup.

CASING RECORD

Casing Size O.D. (Inches)	Weight	Amount	Set at—	Sacks of Cement and Additives	Amount Pulled
1. 13-3/8"	54.5#	60'	60'	150 sx Permafrost	N/A
2. 9-5/8"	40#	1500.98'	1500'	800 sx Permafrost	N/A
3.					
4.					
5.					
6.					

OPERATION PROPOSED
(If more space is required, attach additional sheet)

Program of operations – (Plugs, perforations, rework, etc.)

Re-activate rig. Pressure test surface casing to 1500 psi for 15 minutes. Run 8½" bit, drill out surface casing shoe at 1500', and drill ahead to estimated total depth of 8000'.

Operations to be carried out by DOME PETROLEUM LIMITED. Contractor's Business Licence No. 1-0047.

Address 706 - 7 Avenue S.W., Calgary, Alberta. T2P 0Z1.

Responsible agent in field G.A. Wright Address

Dated at Calgary, Alberta, this 26th day of November, 1973.

Signed by C.R. Bovell Company DOME PETROLEUM LIMITED.

Title Mgr., Drl. & Prod. Ops. Operator's Exploratory Licence No. 1516 (72-73) 2010 (73-74)

Note:—The Oil Conservation Engineer's office must be notified before work is commenced.

(For RESOURCE MANAGEMENT DIVISION use only)

APPROVAL

This application has been examined and program of operations approved, subject to the following conditions:

Dated Nov. 29, 1973 L. C. Dahl
Oil Conservation Engineer

Forms to be submitted in triplicate to Oil Conservation Engineer, Department of Indian Affairs and Northern Development, Calgary, Alta.

IAND 82 00 16 (6-69)

CANADA

Drilling Authority No. 688

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application to Abandon a Well ~~or Suspend Drilling~~

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made for approval to abandon, to suspend drilling:—

Name and number of well: Dome Texaco Imp South Peel D-64.

Location: Unit D Section 64 Grid 66-00-132-15.

Latitude N65° 53' 04" Longitude W132° 27' 50"

From Established Reference Marker

Universal Well Location Reference Lat. 65.88444 Long. 132.46389

Permit No. 3568 Lease No.

Imperial Oil Enterprises Ltd.
(Permittee, Licencee, Lessee)

Date of commencement of proposed program March 14, 1974.

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at Nil

Gas at Nil

Water at Nil

Total Depth 6514' Date of last operations March 15, 1974

Present condition of well

Dry & Abandoned.

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
Conductor Pipe 1. 13-3/8"	54.5#	60'	60'	150 sacks Permafrost	N/A
2. 9-5/8"	40#	1500.98'	1500'	800 " "	N/A
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Format	Number of Sacks of Cement	Remarks
1.	6467' - 6300'	Gossage	66 Oilwell	No feel
2.	5750'-5650'	Gossage	40 "	Felt at 5640'
3.	3200' - 3075'	L. Cret. & Imperial Form.	155 "	Felt at 3060'
4.	1550' - 1450'	Lower Cretaceous	100 "	Felt at 1310'
				B.H.C. Sonic.

The following logs have been run Dual Ind. Laterolog; Comp. Form. Density; Sidewall Neutron Poros.;

Other operations proposed Cut off casing. Place 5 sx plug in top. Weld on plate. Place well identifier 5' above G.L.

Operations to be carried out by Dome Petroleum Limited. Contractor Licence No. 1-0047

Address Box 200, Calgary, Alberta. T2P 2H8. Address

Responsible Agent in field G.A. Wright.

Dated at Calgary, Alberta, this 3rd Day of July, 1974.

Signed by [signature] Company DOME PETROLEUM LIMITED.

Title Manager, Arctic Operations Operator's Exploratory Licence No. 1516 (72-73) 2010

Note:—The District Conservation Engineer's office must be notified before work is commenced.

(For OIL AND MINERAL DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions:

Dated 15 July, 19 74 [signature]
G. E. Blue
District Conservation Engineer

IAND 52-90-5 (7-71)

Forms to be submitted in triplicate to District Conservation Engineer, Department of Indian Affairs and Northern Development.

Voir au verso

WELL HISTORY REPORT

DOME TEXACO IMP SOUTH PEEL D-64

Dome Petroleum Limited

005-11-06-040

OIL & GAS OPERATIONS
Oil and Mineral Division
JUL 22 1974
OTTAWA, CANADA
Dept. of Indian Affairs & Northern Development

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D.L. Gray
p.p. E.R. Tovell

Section 1 - Summary of Well Data

Well Name & Number:	Dome Texaco Imp South Peel D-64
Operator:	Dome Petroleum Limited
Permittee:	Imperial Oil Enterprises Ltd
Location:	Unit D - Section 64 - Grid 66-00-132-15 Latitude N 65° 53' 04" Longitude W 132° 27' 50" UWI: 300D646600132151 UWLR: Lat. 65.88444 Long. 132.46389
Permit:	#3568
Drilling Contractor:	Gustavson Arctic Drilling Ltd. - Rig #11
Drilling Authority:	#688 - Issued March 26, 1973
Classification:	Wildcat
Elevations:	G.L.: 1815' - K.B.: 1831'
Spudded:	April 4, 1973
Completed Drilling:	February 20, 1974
Total Depth:	6514'
P.B.T.D.:	6467'
Plugged Back Depth:	Surface
Well Status:	D & A
Rig Released:	March 15, 1974
Hole Size:	12¼" 0' - 1510' 8½" 1510' - 6514'
Casing:	39 jts 9-5/8" - 40# - K-55 Mannesmann ST&C set at 1500'. Cemented with 800 sacks Permafrost. 13-3/8" casing J-55 - 54.5# set at 60'. Cemented with 150 sacks Permafrost.

DOME PETROLEUM LIMITED

FORMATION RECORD

Well: Dome Texaco Imp South Peel D-64 Area ..Wildcat.....

Elevation 1831' K.B.....

Geological Markers

Formations	Samples		E-Log	
	Depth	Subsea	Depth	Subsea
Lower Cretaceous			103'?	+1728'
Lower Cretaceous Sandstone			3130'	-1299'
Imperial Formation			3250'	-1419'
Canol - Cayna R. Shale			4900'	-3069'
Hume Limestone			5115'	-3284'
Hume Shale			5262'	-3431'
Gossage Formation			5584'	-3753'
T.D.			6514'	-4684'

Electric Log

Company	Scale	Depth
Schlumberger Dual Induction-Laterolog	2"=100' 5"=100'	76 - 6463' 76 - 6463'
Schlumberger B.H.C. Sonic Log	2"=100' 5"=100'	76 - 6457' 76 - 6457'
Schlumberger Sidewal Neutron Porosity	2"=100' 5"=100'	3900 - 6454' 3900 - 6454'
Schlumberger Comp. Formation Density	2"=100' 5"=100'	3890 - 6454' 3890 - 6454'

Core Record

Core No.	Formation	Interval	Recovery	Size	Type
1	Gossage	6467-6514'	47'	6-23/32"	Chris. Diamond

DOME PETROLEUM LIMITED

CORE DESCRIPTION

Well: Dome Texaco Imp South Peel D-64 Area: Wildcat

Core No.	Interval	Description
1	6467-6514'	Cut 47', recovered 47'. Limestone, dark grey, very fine to cryptocrystalline, fossiliferous, tight, numerous fractures filled with calcite, mostly high angle; some horizontal shearing evident. Lost circulation at base of core.

FORM 5007 B

DOME PETROLEUM LIMITED

SAMPLE DESCRIPTION

Well: Dome Texaco Imp South Peel D-64 **Area:**

Interval	Description
100-3130'	Shale, grey, soft, non calcareous, micromicaceous, blocky to platy; traces of siltstone, occasionally siliceous, pyrite rare, spores become darker to base.
3130-3250'	Shale as above with Siltstone, grey-tan, argillaceous, glauconite. Siltstone, dark grey, argillaceous; Sandstone, very fine grained to medium grained, brown-black, argillaceous, poorly sorted, subrounded.
3250-4900'	Imperial formation. Shale, grey to black, blocky to platy, micromicaceous. Siltstone and Sandstone in minor amounts; occasional ironstone, minute traces of limestone.
4900-5115'	Shale, black, micromicaceous, dolomitic in part, calcareous in part, pyritic, silty or siliceous.
5115-5262'	Limestone, brown, crypto-microcrystalline, dense, slightly argillaceous, fossiliferous-corals, crinoids, brachiopods, fractures infilled with calcite.
5262-5584'	Limestone, dark brown, micro-cryptocrystalline, dense. Shale, dark grey-grey, very calcareous; very fossiliferous, siliceous in part; trace fracture porosity at base; calcite veins.
5584-5680'	Silica rock and siliceous limestone, dark brown - black, hard, poor intercrystalline and fracture porosity; quartz crystals common; fractured with veins of calcite and quartz.
5680-5965'	Limestone, brown to dark brown, micro to cryptocrystalline, pelleted, dense; stylolites, quartz crystals, calcite veins.
5965-6130'	Limestone and dolomite, brown, crypto to fine crystalline, sucrosic, pelleted, calcite veins, traces waxy green shale.
6130-6325'	Dolomite, tan to brown, fine crystalline, resinous, calcite veins, poor intercrystalline and vuggy porosity.
6325-6467'	Limestone, dark brown, slightly argillaceous, fossiliferous, dolomitic, poor porosity, calcite veins.

SUMMARY OF DRILLSTEM TESTS

D.S.T. #1	6300'-6467'	Devonian	Preflow 15 mins. I.S.I. 61 mins. V.O. 91 mins. F.S.I. 85 mins. Weak air blow on preflow increasing slightly on flow period. Recovered 300' gel and diesel fuel. I.H.P. 2930# I.S.I.P. 1617# I.F.P. 85# F.F.P. 110# F.S.I.P. 1830# F.H.P. 2880#.
D.S.T. #2	5540'-5715' Dual bypass Hookwall Straddle	Gossage	Preflow 13 mins. I.S.I. 30 mins. V.O. 30 mins. F.S.I. 60 mins. No air blow on preflow. Misrun.
D.S.T. #3	5540'-5715' Dual bypass Hookwall straddle	Gossage	Preflow 10 mins. I.S.I. 60 mins. V.O. 60 mins. F.S.I. 60 mins. Hit bridge running in hole caused recorders to malfunction, also plugged tool. Misrun.
D.S.T. #4	5540'-5715' Dual bypass Hookwall straddle	Gossage	Misrun

BJ BORG WARNER

DRILL STEM TEST DATA

TICKET NO. 1509

DATE MARCH 9, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUM

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 1 Type DUAL BOTTOM HOLE

Interval 6300 To 6467 TD 6467

Formation Tested DEVONIAN Net Pay Temp °F 112

Preflow 21 Min. ISI 61 Min. Flow 91 Min. FSI 85 Min.

Recorder Number	2659	3973		
Ins. or outs.	IN	OUT		
Rec. Range (PSI)	6300	6700		
Clock Range (hrs)	24	24		
Recorder Depth	6287.50	6305		
Initial Hydro. Press.	2930	2939		
Initial Shut-in Press.	1617	1621		
Initial Flow Press.	85	82		
Final Flow Press.	110	171		
Final Shut-in Press.	1830	1843		
Final Hydro. Press.	2880	2890		

Fluid Recovery Total Feet 300

300 Ft. of GEL & DIESEL FUEL

____ Ft. of

____ Ft. of

____ Ft. of

____ Ft. of

Gas Recovery NO GAS

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size

Gas Cont. No. Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size Ft. of Rat Hole

Dr. Pipe Size 4 FH Wt.

Dr. Collar I.D. 2.875 Ft. Run above tool 268

Surface Choke Size CLOSED Bottom Choke Size 0.50

Cushion Amount NIL Type

Mud Drop Fluid Loss Viscosity 340 Mud Wt. 9.1

Remarks: WEAK AIR BLOW ON PREFLOW.
INCREASING SLIGHTLY ON FLOW PERIOD.
GOOD TEST.

P.O. Sub	1.00		
Co Sub	1.00		
Shut-in Tool	6.00		
RFS No.			
RFS No.			
HMV	7.20		
Jars	DOME		
Rec. No. 2659	5.00	Depth	6287
Rec. No.		Depth	
Temp Recorder			
Safety Joint	1.50		
By-Pass Sub			
Packer			
Packer		Depth	
Anchor			
By-Pass Sub			
Rec. No.		Depth	
Rec. No.		Depth	
Blank off Sub			
Co Sub			
Dr. Collars			
Co Sub			
Packer	6.00	Depth	6294
Packer	5.00		6300
	1.00		
Anchor	10.00		
Rec. No. 3973	5.00	Depth	6312
Anchor TEMP REC.	2.00		5709
Co Sub	1.00		
Dr. Pipe or Dr. Collars	145.50		
Co Sub			
Anchor			
Bullnose	2.50	T.D.	6467
Total Test Tool	54.20		
Total Interval	167.00		
Total Tailpipe	167.00		
Weight of Tool			
Wt. Indicator Reading Prior to setting Packers			

WELL NAME: DOME IMP TEXICO SOUTH PEEL
WELL LOCATION: D-64
FORMATION: DEVONIAN

REC NO. 3973
DST NO. 1
DEPTH 6305

TIME - PRESSURE INCREMENTS

REMARKS	TIME MIN.	PRESSURE PSIG	T+DELTA(T)/ DELTA(T)
RUN IN HOLE	0.	0.	
	155.0	2938.8	
INITIAL HYDRO PRESSURE	220.0	2938.8	
INITIAL PREFLOW PRESSURE	0.	54.2	
	11.0	54.2	
FINAL PREFLOW PRESSURE	21.0	73.4	
START INITIAL SHUT-IN	0.	73.4	
	5.0	178.3	
	10.0	344.4	
	15.0	472.0	
	20.0	767.1	
	25.0	842.5	
	30.0	1023.9	
	35.0	1059.7	
	40.0	1199.7	
	45.0	1254.3	
	50.0	1382.3	
	55.0	1482.9	
INITIAL SHUT-IN PRESSURE	61.0	1621.2	
START FLOW PERIOD	0.	1621.2	
INITIAL FLOW PRESSURE	1.0	82.2	
	10.0	87.4	
	20.0	89.2	
	25.0	90.9	
	26.0	803.1	
	27.0	106.6	
	30.0	113.6	
	35.0	125.9	

WELL NAME: DOME IMP TEXICO SOUTH PEEL
WELL LOCATION: D-64
FORMATION: DEVONIAN

REC NO. 3973
DST NO. 1
DEPTH 6305

TIME - PRESSURE INCREMENTS

REMARKS	TIME MIN.	PRESSURE PSIG	T+DELTA(T)/ DELTA(T)
	36.0	1093.9	
	37.0	127.6	
	40.0	143.4	
	50.0	187.1	
	60.0	199.3	
	70.0	187.1	
	80.0	155.6	
FINAL FLOW PRESSURE	91.0	171.3	
START FINAL SHUT-IN	0.	171.3	
	5.0	279.7	23.40
	10.0	389.9	12.20
	15.0	513.7	8.47
	20.0	657.5	6.60
	25.0	789.4	5.48
	30.0	912.7	4.73
	35.0	1039.2	4.20
	40.0	1151.9	3.80
	45.0	1256.0	3.49
	50.0	1358.4	3.24
	55.0	1450.5	3.04
	60.0	1530.7	2.87
	65.0	1607.5	2.72
	70.0	1672.4	2.60
	75.0	1732.1	2.49
	80.0	1788.4	2.40
FINAL SHUT-IN PRESSURE	85.0	1843.0	2.32
RUN OUT OF HOLE	0.	1843.0	
FINAL HYDRO PRESSURE	1.0	2889.5	
	19.0	2889.5	
OUT OF HOLE	185.0	0.	

WELL NAME: DOME IMP TEXICO SOUTH PEEL
WELL LOCATION: D-64
FORMATION: DEVONIAN
RECOVERY TYPE USED IN CALCULATIONS: WATER

REC NO. 3973
DST NO. 1
DEPTH 6305
INTERVAL 6300-6467

SUMMARY OF CALCULATIONS

1 SECOND SHUT-IN

EXTRAPOLATED FORMATION PRESSURE	3087.6 PSIG
SLOPE OF EXTRAPOLATED LINE	3413.25 PSI/CYCLE
ROOT MEAN SQUARE DEVIATION OF FITTED LINE	1.31 PSI
NUMBER OF POINTS IN SHUT-IN	18
NUMBER OF POINTS USED FOR EXTRAPOLATION	4

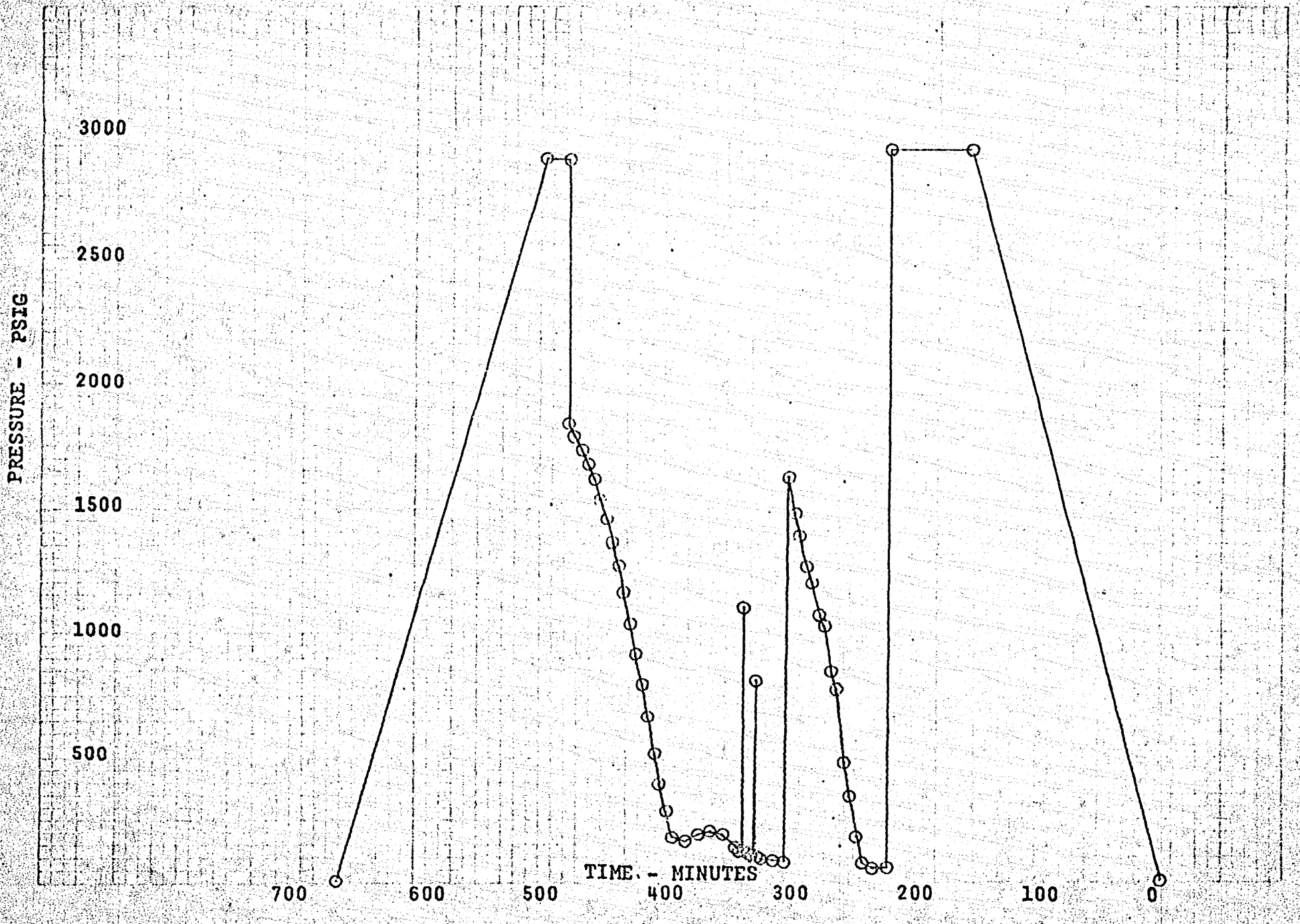
2 RESERVOIR AND FLUID PROPERTIES

NET PAY	30.00 FT
RESERVOIR POROSITY	8.00 PERCENT
PRODUCTION RATE	31.9 BPD
FORMATION VOLUME FACTOR	1.000 RB/STB
FLUID VISCOSITY	0.370 C.P.
TOTAL COMPRESSIBILITY X 10-6	6.000 /PSI
RESERVOIR TEMPERATURE	172.0 F
FINAL FLOWING PRESSURE	171.3 PSIG
TOTAL FLOW TIME	112.0 MIN

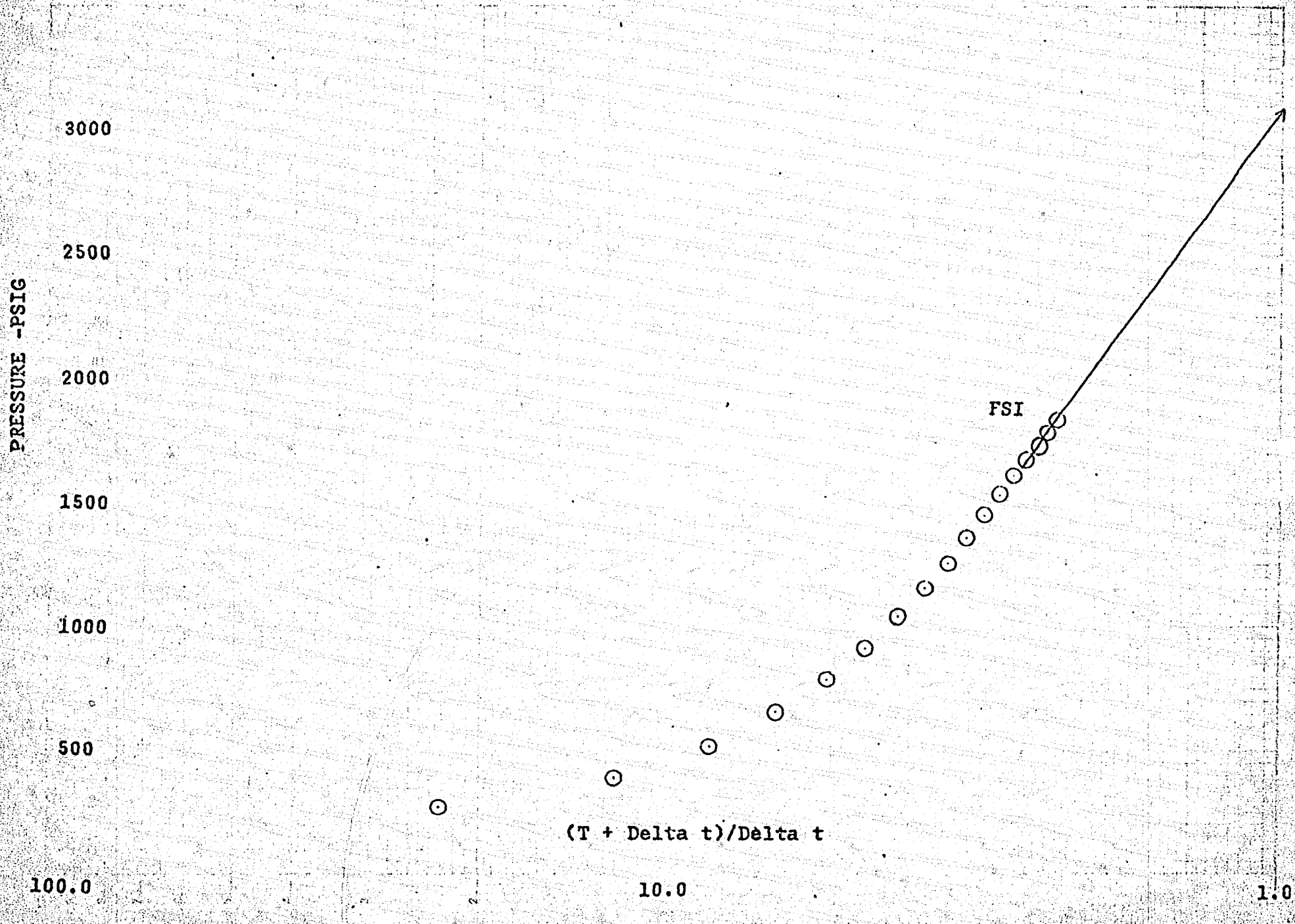
3 CALCULATION RESULTS

ESTIMATED DAMAGE RATIO	0.29
PERMEABILITY THICKNESS	0.6 MD FT
PERMEABILITY	0.02 MD
SKIN FACTOR	-2.43
APPROXIMATE DRAINAGE RADIUS	14.4 FT
PRODUCTIVITY INDEX	0.011 BPD/PSI

DOME IMP TEXICO SOUTH PEEL D-64 D-64 DST NO. 1 REC. NO. 3973

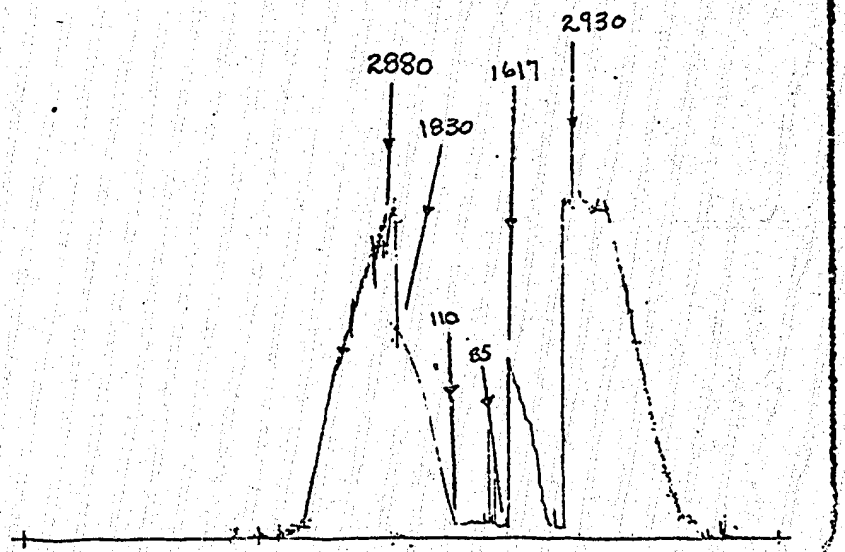


DOME IMP TEXICO SOUTH PEEL D-64 D-64 DST NO. 1 P* = 3087.6 PSIG

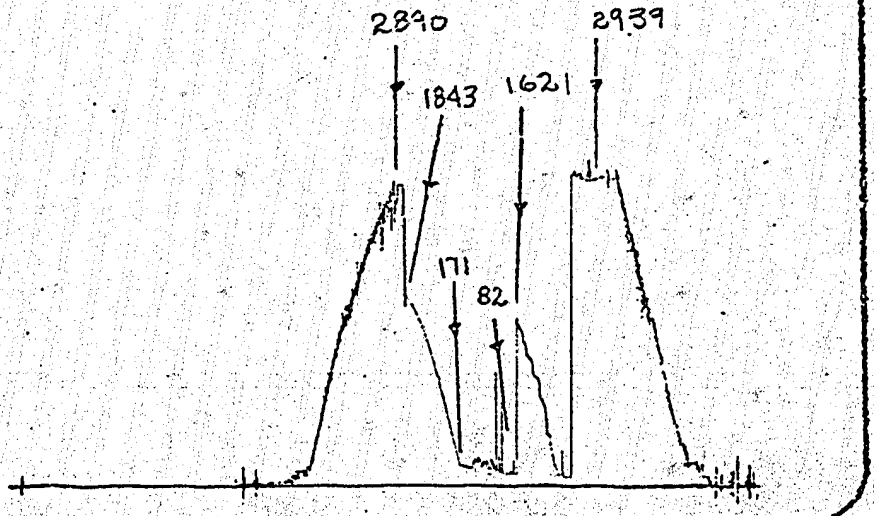


DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 1
INSIDE REC. NO. 2659



DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 1
OUTSIDE REC. NO. 3973



The analysis of this test is based upon calculations of the data contained in this report. Some assumptions with regard to reservoir properties may have been made if the information was not supplied. The most up to date methods were utilized to determine the results, ensuring a complete and accurate report.

Any questions regarding the procedure or results should be directed to:

PETCO SERVICES (1973) LTD.
#912 Charter Towers
614 - 5 Avenue S.W.
Calgary, Alberta
403 - 269 - 8291

BJ BORG WARNER

DRILL STEM TEST DATA

TICKET NO. 1510

DATE MARCH 10, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUM

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 2 Type STRADDLE DUAL BYPASS HOOKWALL

Interval FH 40 To 5715 TD 6467

Formation Tested ____ Net Pay ____ Temp °F 155

Preflow 13 Min. ISI 30 Min. Flow 30 Min. FSI 60 Min.

Recorder Number	3973	3659	3958	
Ins. or outs.	OUT	IN	BTM	
Rec. Range (PSI)	6700	6300	6500	
Clock Range (hrs)	24	24	12	
Recorder Depth	5557	5528.5	5729	
Initial Hydro. Press.	2629		2739	
Initial Shut-in Press.				
Initial Flow Press.				
Final Flow Press.				
Final Shut-in Press.				
Final Hydro. Press.	2580	2548		

Fluid Recovery Total Feet NIL

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

Gas Recovery NIL

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size ____

Gas Cont. No. ____ Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size ____ Ft. of Rat Hole ____

Dr. Pipe Size 4 FH Wt. ____

Dr. Collar I.D. 2.875 Ft. Run above tool 268.00

Surface Choke Size CLOSED Bottom Choke Size FULL

Cushion Amount NIL Type ____

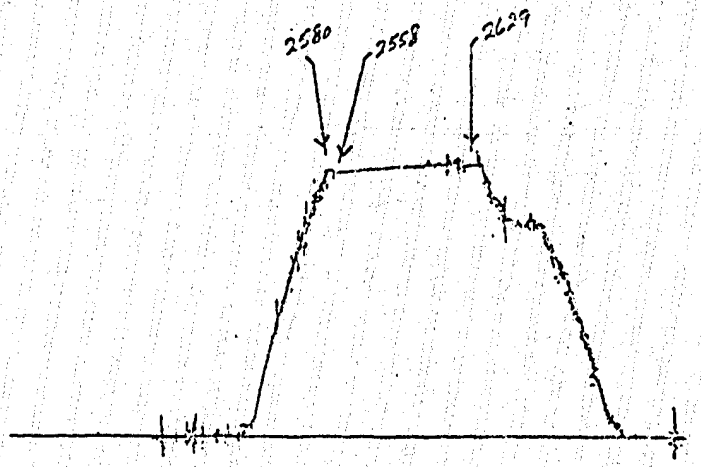
Mud Drop NIL Fluid Loss ____ Viscosity 340 Mud Wt. 9.1

Remarks: NO AIR BLOW ON PREFLOW. MISRUN. HYDRAULIC TOOL WOULD NOT OPEN.

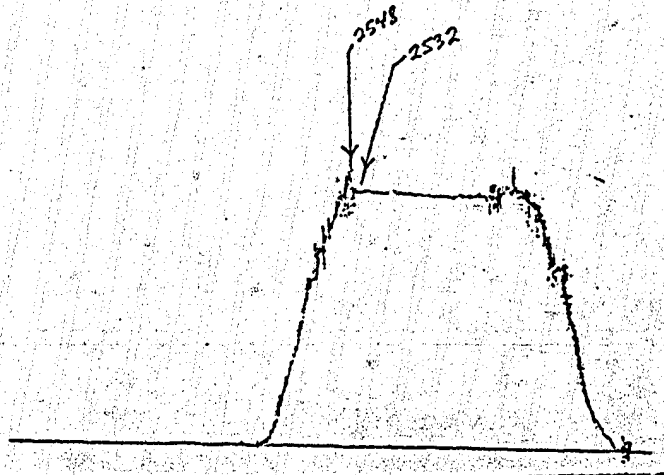
P.O. Sub	1.00		
Co Sub	1.00		
Shut-in Tool	6.00		
RFS No.			
RFS No.			
HMV	7.20		
Jars	6.10		
Rec. No. 2659	5.00	Depth	5528.50
Rec. No.		Depth	
Temp Recorder 5709	2.00		
Safety Joint	1.75		
By-Pass Sub	1.00		
Packer	6.00		
Packer	5.00	Depth	5540
	1.00		
Anchor	15.00		
By-Pass Sub	1.00		
Rec. No. 3973	4.00	Depth	5557
Rec. No.		Depth	
Blank off Sub			
Co Sub	1.00		
Dr. Collars	149.50		
Co Sub	1.00		
Packer	3.00	Depth	5715
	3.00		
Packer	6.00		
Anchor			
Rec. No. 3958	5.00	Depth	5724
Anchor	10.00		
Co Sub			
Dr. Pipe or			
Dr. Collars			
Co Sub			
Anchor HOOK WALL	6.00		
Bullnose	2.50	T.D.	6467
Total Test Tool	100.55		
Total Interval	175.00		
Total Tailpipe	32.50		
Weight of Tool			
Wt. Indicator Reading Prior to setting Packers			

DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 2
OUTSIDE REC. NO. 3973



DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 2
INSIDE REC. NO. 2659

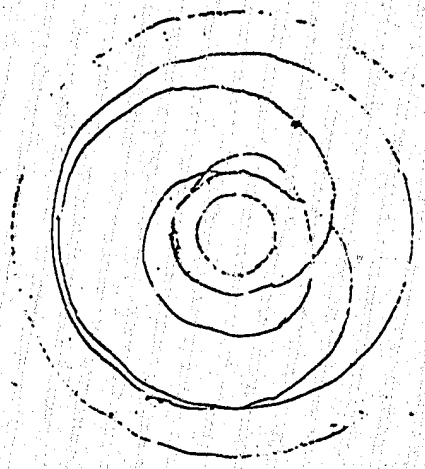


WELL NAME: DOME IMP TEXICO SOUTH PEEL

WELL LOCATION: D-64

DST NO.: 2

TEMPERATURE RECORDER NO. 5709



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PETCO SERVICES (1973) LTD.
#912 Charter Towers
614 - 5 Avenue S.W.
Calgary, Alberta
403 - 269 - 8291

BORG WARNER

DRILL STEM TEST DATA

TICKET NO. 1511

DATE MARCH 11, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUM LTD.

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 3 Type STRADDLE DUAL BYPASS HOOKWALL

Interval 5540 To 5715 TD 6467

Formation Tested ____ Net Pay ____ Temp °F 155

Preflow 10 Min. ISI 60 Min. Flow 60 Min. FSI 60 Min.

Recorder Number	3973	3659	3958	
Ins. or outs.	OUT	INS	BTM	
Rec. Range (PSI)	6700	6300	6500	
Clock Range (hrs)	241	24	12	
Recorder Depth	5557	5528.5	5729	
Initial Hydro. Press.				
Initial Shut-in Press.				
Initial Flow Press.				
Final Flow Press.				
Final Shut-in Press.				
Final Hydro. Press.				

Fluid Recovery Total Feet 30

30 Ft. of MUD

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

Gas Recovery NIL

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size ____

Gas Cont. No. ____ Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size ____ Ft. of Rat Hole ____

Dr. Pipe Size 4 FH Wt. ____

Dr. Collar I.D. 2.875 Ft. Run above tool 268.00

Surface Choke Size CLOSED Bottom Choke Size FULL

Cushion Amount NIL Type ____

Mud Drop NIL Fluid Loss ____ Viscosity 340 Mud Wt. 9.1

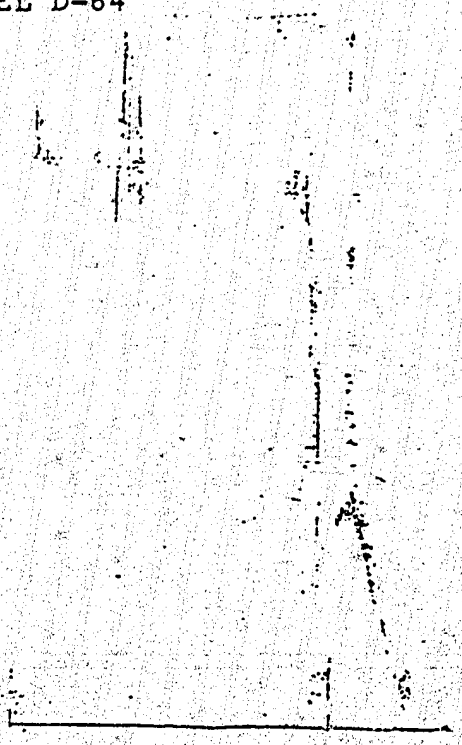
Remarks: HIT BRIDGE RUNNING IN HOLE CAUSED RECORDERS TO MALFUNCTION, ALSO PLUGGED TOOL. MISRUN.

P.O. Sub	1.00	
Co Sub	1.00	
Shut-in Tool	6.00	
RFS No.		
RFS No.		
HMV	7.20	
Jars	6.10	
Rec. No. 2659	5.00	Depth 5528.5
Rec. No.		Depth
Temp Recorder 5709	2.00	
Safety Joint	1.75	
By-Pass Sub	1.00	
Packer	6.00	
Packer	5.00	Depth 5540
	1.00	
Anchor	15.00	
By-Pass Sub	1.00	
Rec. No. 3973	4.00	Depth 5557
Rec. No.		Depth
Blank off Sub		
Co Sub	1.00	
Dr. Collars	149.50	
Co Sub	1.00	
Packer	3.00	Depth 5715
	3.00	
Packer	6.00	
Anchor		
Rec. No. 3958	5.00	Depth 5724
Anchor	10.00	
Co Sub		
Dr. Pipe or		
Dr. Collars		
Co Sub		
Anchor HOOKWALL	6.00	
Bullnose	2.50	T.D. 6467
Total Test Tool	100.55	
Total Interval	175.00	
Total Tailpipe	32.50	
Weight of Tool		
Wt. Indicator Reading Prior to setting Packers		

DST RECORDER CHARTS

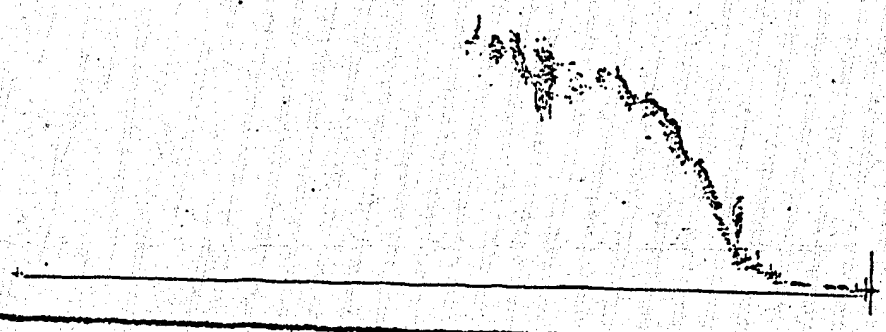
DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 3
OUTSIDE REC. NO. 3973

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 3
INSIDE REC. NO. 2659



DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 3
OUTSIDE REC. NO. 3958

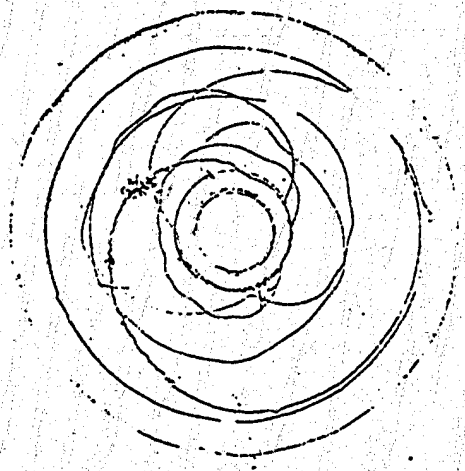


WELL NAME: DOME IMP TEXICO SOUTH PEEL

WELL LOCATION: D-64

DST NO.: 3

TEMPERATURE RECORDER NO. 5709



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Calgary, Alberta
403 - 269 - 8291

BJ BORG-WARNER

DRILL STEM TEST DATA

TICKET NO. 1512

DATE MARCH 12, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUMS LTD.

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 4 Type STRADDLE DUAL BY PASS HOOKWALL

Interval 5540 To 5715 TD 6467

Formation Tested ____ Net Pay ____ Temp °F 155

Preflow ____ Min. ISI ____ Min. Flow ____ Min. FSI ____ Min. ____

Recorder Number	3973	2659	3958	
Ins. or outs.	OUT	INS	BTM	
Rec. Range (PSI)	6700	6300	6500	
Clock Range (hrs)	24	12	24	
Recorder Depth	5557	5528.5	5720	
Initial Hydro. Press.			3037	
Initial Shut-in Press.				
Initial Flow Press.				
Final Flow Press.				
Final Shut-in Press.				
Final Hydro. Press.				

Fluid Recovery Total Feet NIL

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

____ Ft. of ____

Gas Recovery

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size ____

Gas Cont. No. ____ Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size ____ Ft. of Rat Hole ____

Dr. Pipe Size 4 FH Wt. ____

Dr. Collar I.D. 2.875 Ft. Run above tool 268.00

Surface Choke Size CLOSED Bottom Choke Size FULL

Cushion Amount ____ Type ____

Mud Drop NIL Fluid Loss ____ Viscosity 270 Mud Wt. 9.1

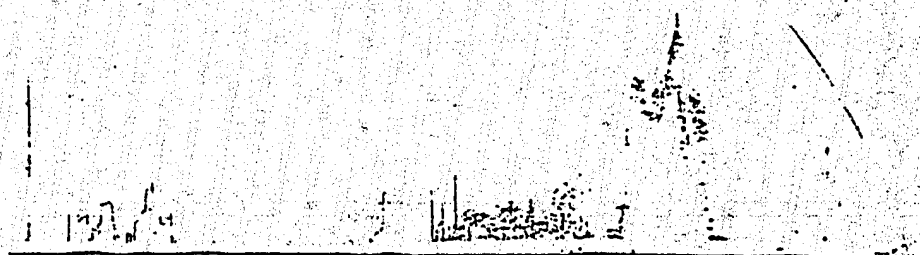
Remarks: UNABLE TO SET LEFT HAND ROTATION HOOKWALL LOST SOME ANCHOR DOWN HOLE, RECOVERED SAME.

P.O. Sub	1.00		
Co Sub	1.00		
Shut-in Tool	6.00		
RFS No. ____			
RFS No. ____			
HMV	7.20		
Jars LEE	6.10		
Rec. No. 2659	5.00	Depth	5520.50
Rec. No. ____		Depth	
Temp Recorder 5709	2.00		
Safety Joint	1.75		
By-Pass Sub	1.00		
Packer	6.00		
Packer	5.00	Depth	5540
	1.00		
Anchor	15.00		
By-Pass Sub	1.00		
Rec. No. 3973	4.00	Depth	5557
Rec. No. ____		Depth	
Blank off Sub			
Co Sub	1.00		
Dr. Collars	149.50		
Co Sub	1.00		
Packer	3.00	Depth	5715
	3.00		
Packer	6.00		
Anchor			
Rec. No. 3958	5.00	Depth	5724
Anchor	25.00		
Co Sub			
Dr. Pipe or			
Dr. Collars			
Co Sub			
Anchor HOOKWALL	6.00		
Bullnose	2.50	T.D.	6462
Total Test Tool	121.55		
Total Interval	175.00		
Total Tailpipe	47.50		
Weight of Tool			
Wt. Indicator Reading Prior to setting Packers			

DST RECORDER CHARTS

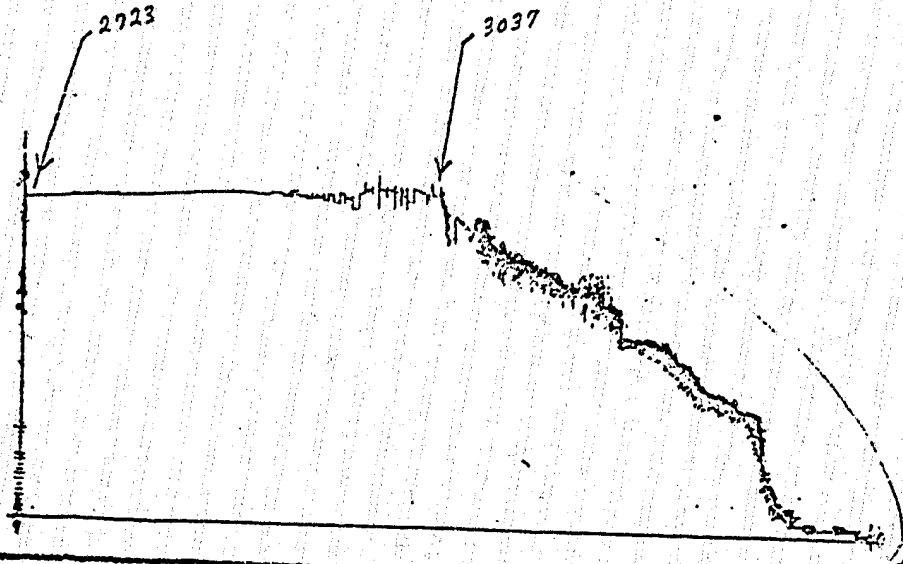
DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 4
OUTSIDE REC. NO. 3973

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 4
INSIDE REC. NO. 2659



DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 4
OUTSIDE REC. NO. 3958

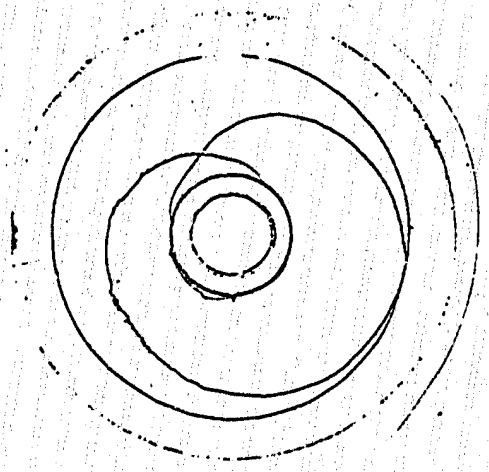


WELL NAME: DOME IMP TEXICO SOUTH PEEL

WELL LOCATION: D-64

DST NO.: 4

TEMPERATURE RECORDER NO. 5709



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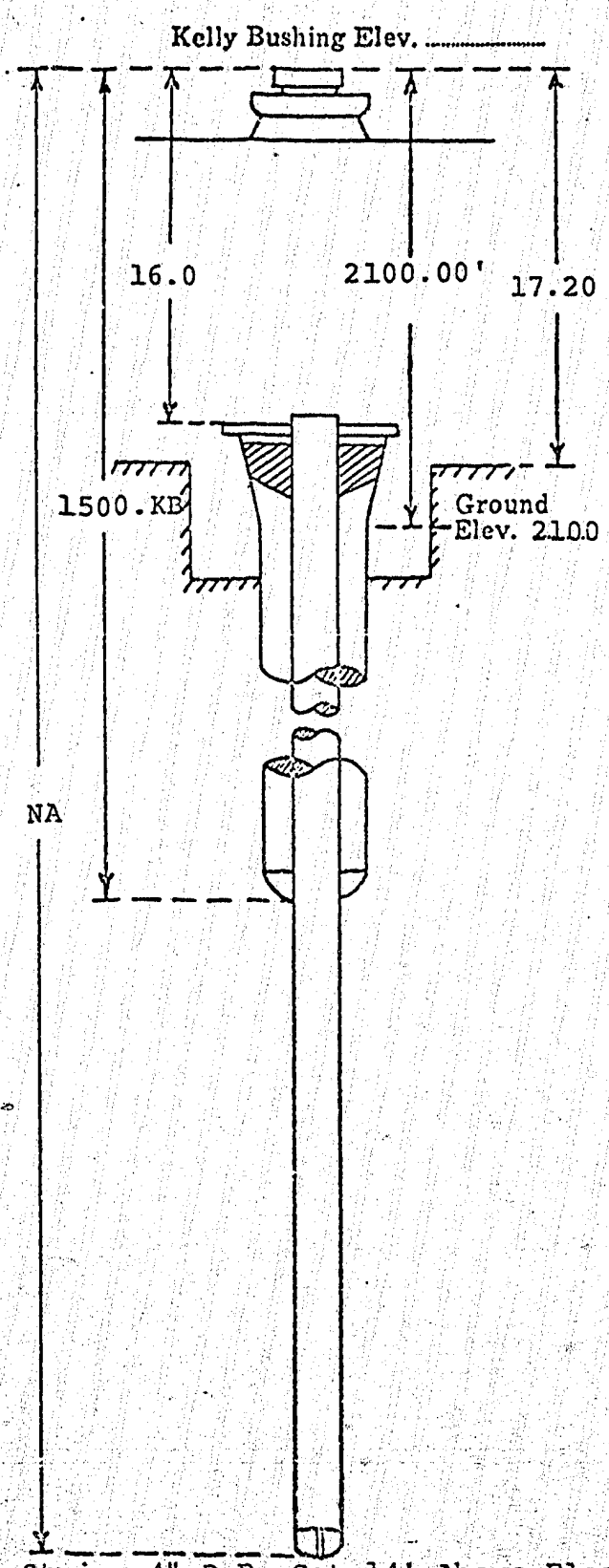
DOME PETROLEUM LIMITED

CASING REPORT

Type of String .....

Name of Well DOME IMP S PEEL D-64 Date April 9, 1973

Location 132°30W, 65°53N Make of Casing .....



Size 9 5/8" Weight 40# Grade K-55

Type Shoe Float

Other Fittings Float Collar

Centralizers 2-Latch on

Scratchers 8-Reciprocating

Plug Used No (see Remarks)

Welding Thrd Lock & Weld 3 Jts.

Casing Shoe at 1500 K.B.

Time started in hole 1:15 A.M.

Time casing completed 8:15 A.M.

Time started circulating 8:45 A.M.

Time stopped circulating 10:15 A.M.

Time started cementing 10:30 A.M.

Time cement in pipe 11:30 A.M.

Time plug on bottom 11:45 A.M. Apr. 9/73

Sacks of cement used 800

Type of cement Permafrost

Additives Nil

Cementing Co. Haliburton (skid)

Cementer L. Osadchuk

Remarks Used 4" D.P. Inner String & Csg Head Displaced with 15.0 bbl. Mud Good Cement Returns Approx. 12 bbls. P.B.T.D. 1448'

NOTE: Inner String 4" D.P. Set 14' Above Float Collar at 1462' While Cementing & Displacing Should Find Firm Cement At 1448' On Drillout.

DOME PETROLEUM LIMITED

FORM 3008

TALLY SHEET

Well DOME IMP S PEEL D-64 Date April 9, 1973

Size 9 5/8" Wt. 40# Grade K-55

Make Mannesman Type ST & C

Jnts. on Lease 41 In Hole 39 On Rack 2

Jnt.	Length		Jnt.	Length		Jnt.	Length		Jnt.	Length		Jnt.	Length	
1	38	18	1	Shoe Incld		1	37	46	1	37	42	1		
2	42	27	2			2	43	17	2			2		
3	36	29	3			3	37	77	3			3		
4	42	33	4	NR		4	42	05	4			4		
5	42	79	5			5	35	50	5			5		
6	38	88	6			6	37	42	6			6		
7	39	32	7			7	37	44	7			7		
8	37	35	8			8	38	53	8			8		
9	39	81	9			9	31	42	9			9		
0	43	51	0			0	38	40	0			0		
A	401	23	B			C	379	16	D			E		
1	39	38	1			1	41	43	1			1		
2	35	89	2			2	33	84	NR2			2		
3	41	01	3			3	36	42	3			3		
4	37	97	4			4	33	94	4			4		
5	37	85	5			5	36	00	5			5		
6	40	39	6			6	40	91	6			6		
7	37	30	7			7	38	04	7			7		
8	41	78	8			8	34	52	8			8		
9	38	55	9			9	39	85	9			9		
0	35	54	0			0	38	65	0			0		
F	385	66	G			H	373	60	I	37	42	J		

Totals

Total				Brt. Fwd.			Total ran	
	A	401	23	Page Total			Footage cutoff	
	B			Gr. Total			Casing shoe at	
	C	379	16					
	D							
	E			Remarks	Total 41 Jts & Shoe		1577.07	
	F	385	66		Total 2 Jts NR		77.17	
	G				Total 39 Jts Ran		1499.90	
	H	373	60		Plus Float Collar		1.08	
	I	37	42				1500.98	
	J				Stickup		.98	
Total Page		1577	07		Shoe at		1500.00'	

NOTE: Jts #4 & 32 Failed to Pass Drift Gauge N.R.

BIT RECORD

Bit No.	Size	Type	In	Out	Footage	Hours on Bottom.
1A	12¼"	S-33	0	615'	615'	31
2A	12¼	M44N	615'	1510'	895'	44
1	8½"	S-44	1510'	3112'	1602'	36¼
2	8½"	S-44	2536'	2595'	59'	5-3/4
Ran side track plug #1 2635-2235', top of plug at 2531'. Drilled 5' of cement.						
3	8½"	S-44	2595'	2754'	159'	32-3/4
4	8½"	M44N	2754'	3229'	475'	35¼
5	8½"	M44N	3229'	3729'	500	45½
6	8½"	S-86	3729'	3925'	196'	23-3/4
7	8½"	M44N	Cleaning out bridges			
8	8½"	S-44	3925'	3928'	3'	1½
9	8½"	H77S	3928'	3998'	70'	27
10	8½"	S-86	3998'	4195'	197'	39-3/4
11	8½"	H77J	4195'	4367'	172'	39
12	8½"	JD7	4367'	4530'	163'	38¼
13	8½"	M44N	4530'	4755'	225'	36-3/4
14	8½"	M44N	4755'	4900'	145'	26-3/4
15	8½"	S-86	4900'	5109'	209'	37
16	8½"	J-44	5109'	5511'	402'	64¼
17	8½"	M-88	5511'	5892'	381'	62-3/4
18	8½"	J-55	5892'	6467'	575'	85¼
1B	6-23/32"	Chris.	6467'	6514'	47'	12

MUD REPORT

KCL	17,050#	Bi Carb	900#
Gel	275,000#	Spersene	250#
Caustic	5,850#	Peltex	7,175#
Super Vis.	8,850#	Kwik Seal	9,480#
Superlube	5,740#	Al Sterate	25#
Soda Ash	800#	Weight Material	63,000#
Stay Flo	3,600#		

DEVIATION RECORD

122' ¼°	2802' 1½°	4744' 5°	5570' 7-7/8°
158' ½°	3019' 1½°	4805' 5°	5600' 8°
219' ¼°	2716' ¼°	4900' 5-3/4°	5663' 8°
334' 7/8°	2851' 1°	4939' 6°	5724' 7-3/4°
364' ¼°	2945' 1°	4970' 6°	5787' 7-3/4°
457' ½°	3040' ½°	5001' 5-3/4°	5849' 7-7/8°
615' ½°	3200' ½°	5032' 6°	6005' 6-3/4°
756' 7/8°	3729' 2°	5063' 6°	6036' 7°
818' 7/8°	3956' 3°	5094' 6½°	6066' 7°
910' 7/8°	4043' 2°	5139' 7°	6099' 7°
1004' ½°	4110' 3°	5169' 6-3/4°	6130' 7°
1129' ½°	4206' 3½°	5232' 6-3/4°	6160' 7°
1253' 1/8°	4238' 3°	5262 6-3/4°	6220' 7°
1346' ½°	4301' 3°	5292' 6¼°	6280' 7°
1438' ½°	4363' 3-3/4°	5324' 6¼°	6347' 7°
2026' ½°	4426' 3½°	5385' 7°	6410' 7°
2213' ½°	4488' 3-3/4°	5415' 7°	6472' 7°
2429' 1¼°	4530' 3-7/8°	5476' 7¼°	
2491' 1¼°	4589' 4°	5507' 8-3/4°	
2616' 1-1/16°	4682' 4°	5538' 7-7/8°	

ABANDONMENT PLUGS

Plug #1	6467'-6300'	66 sacks Oilwell cement. No feel. Displaced with 68 bbls mud. In place 8:15 PM, March 13/74.
Plug #2	5750'-5650'	40 sacks Oilwell cement. Displaced with 6 bbls mud. In place 10:45 PM, March 13. Felt for plug #2 at 6:45 AM, March 14 at 5640'.
Plug #3	3200'-3075'	155 sacks Oilwell cement. Displaced with 28 bbls mud. In place at 8:15 AM, March 14. Felt for plug #3 at 4:15 PM, March 14. Plug at 3060'.
Plug #4	1550'-1450'	100 sacks Oilwell cement. Displaced with 5 bbls water. In place at 10:45 PM, March 14. Felt for plug #4 at 6:45 AM, March 15. Plug at 1310'.
	Surface	5-sack plug. Cut off casing 3' below G.L. Welded on plate and installed well marker.

LOGS

Schlumberger Borehole Compensated Sonic Log:

April 8/73	Run #1	76 - 1506'
March 6/74	Run #2	1510 - 6455'

Schlumberger Dual Induction-Laterolog:

April 8/73	Run #1	76 - 1503'
March 6/74	Run #2	1510 - 6457'

Schlumberger Comp. Formation Density Log:

March 7/74	Run #1	3890 - 6454'

Schlumberger Sidewall Neutron Porosity Log:

March 7/74	Run #1	3900 - 6454'

CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY ALBERTA

WATER ANALYSIS

Plastic — CONTAINER IDENTITY

7021-47 — LABORATORY NUMBER

Dome Petroleum Limited — OPERATOR

1 of 1 — PAGE

65° 53" 04.00 N.L.
LSD 132°27 50.00 W.L. — LOCATION

Dome Texaco IMP South Peel D-64 — WELL OR SAMPLE LOCATION NAME

RB ELEV. — GND. ELEV.

South Peel River, N.W.T. — FIELD OR AREA

POOL OR ZONE

SAMPLER

TEST TYPE & NO.

TEST RECOVERY

Flow(while stuck) — POINT OF SAMPLE

AMT. & TYPE CUSHION

@ °F — MUD RESISTIVITY

PUMPING | FLOWING | GAS LIFT | SWAB

WATER BBLS/D. | OIL BBLS/D. | GAS MFC/D.

TEST INTERVALS OR PERFS.

SEPARATOR | RESERVOIR | @ °F CONTAINER WHEN SAMPLED | @ °F CONTAINER WHEN RECEIVED | SEPARATOR

PRESSURES, PSIG — TEMPERATURES, °F

DATE SAMPLED (D/M/Y)	DATE RECEIVED (D/M/Y)	DATE ANALYSED (D/M/Y)	ANALYST	REMARKS
Dec. 26/73	Jan. 3/73	Jan. 4/74	MA	

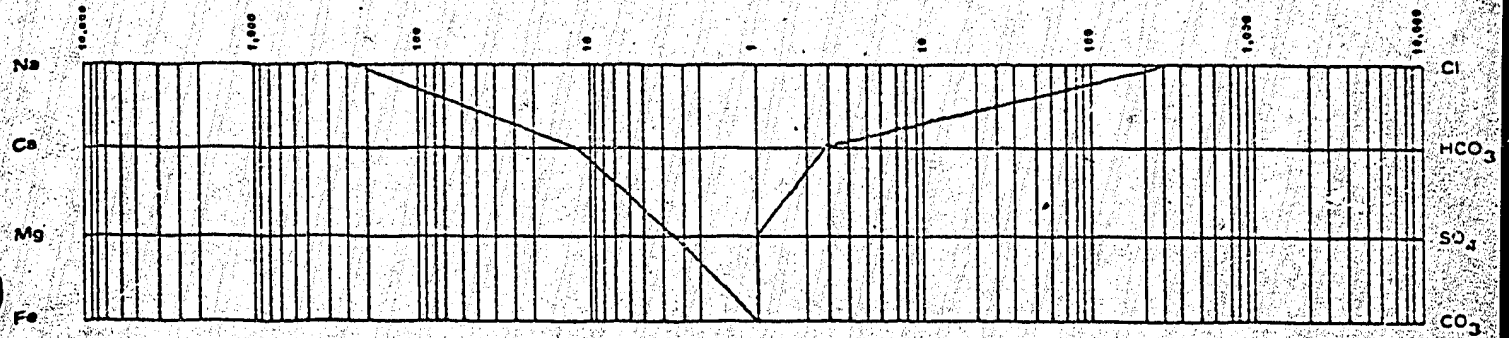
ION	MG/L	MG%	MEQ/L
Na+K	6339	37.3	275.6
K			
Ca	235	1.4	11.7
Mg	42	0.2	3.5
Ba			
Sr			
Fe		TRACE	

ION	MG/L	MG%	MEQ/L
Cl	10184	59.9	287.2
Br			
I			
HCO_3	185	1.1	3.0
SO_4	27	0.2	0.6
CO_3	0	0.0	0.0
OH	0	0.0	0.0
H_2S		ABSENT	

TOTAL SOLIDS MG/L

BY EVAPORATION @ 110°C	BY EVAPORATION @ 180°C
AT IGNITION	17,012 CALCULATED
1.0120 @ 60°F SPECIFIC GRAVITY	1.3350 @ 22°C REFRACTIVE INDEX
7.5 pH	0.360 @ 25°C RESISTIVITY (OHM/METERS)

LOGARITHMIC PATTERN MEQ PER LITER



REMARKS

CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY ALBERTA

Plastic — CONTAINER IDENTITY

7021-4355 — LABORATORY NUMBER

Dome Petroleum Limited — OPERATOR

1 of 1 — PAGE

65° 53' 04.00 N.L.
132° 27' 50.00 W.L. — LOCATION

Dome Texaco Imp South Peel D-64 — WELL OR SAMPLE LOCATION NAME

RB ELEV. — GRD. ELEV.

South Peel River Area, N.W.T. — FIELD OR AREA

Gossage Lime — POOL OR ZONE

SAMPLER

DST #3 — TEST TYPE & NO.

DST: 50' Drilling Mud — TEST RECOVERY

Bottom of Fluid — POINT OF SAMPLE

AMT. & TYPE CUSHION

@ °C — MUD RESISTIVITY

5540' - 5715' — TEST INTERVALS OR PERFS.

PUMPING FLOWING GAS LIFT SWAB

WATER BBLS/D. OIL BBLS/D. GAS MFC/D.

SEPARATOR RESERVOIR — @ °F CONTAINER WHEN SAMPLED — @ °F CONTAINER WHEN RECEIVED — SEPARATOR

PRESSURES, PSIG — TEMPERATURES, °F

March 11/74 — DATE SAMPLED (D/M/Y)
March 22/74 — DATE RECEIVED (D/M/Y)
April 3/74 — DATE ANALYSED (D/M/Y)
D.J. — ANALYST
REMARKS

MUD FILTRATE ANALYSIS

Resistivity = 10.5 Ohm-meters @ 25°C.

Chloride = 97 mg/liter.

CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY ALBERTA

Plastic (CONTAINER IDENTITY)		7021-4355 (LABORATORY NUMBER)
65° 53' 04.00 N.L. / 132° 27' 50.00 W.L. (LOCATION)	Dome Petroleum Limited (OPERATOR) / Dome Texaco Imp South Peel D-64 (WELL OR SAMPLE LOCATION NAME)	1 of 1 (PAGE)
South Peel River Area, N.W.T. (FIELD OR AREA)	Gossage Lime (POOL OR ZONE)	(SAMPLER)
DST #3 (TEST TYPE & NO.)	DST: 50' Drilling Mud (TEST RECOVERY)	
Bottom of Fluid (POINT OF SAMPLE)	(AMT. & TYPE CUSHION)	@ °F (MUD RESISTIVITY)
5540' - 5715' (TEST INTERVALS OR PERFS.)	PUMPING / FLOWING / GAS LIFT / SWAB	
	WATER BBLS/D. / OIL BBLS/D. / GAS MCF/D.	
SEPARATOR / RESERVOIR	@ °F (CONTAINER WHEN SAMPLED) / @ °F (CONTAINER WHEN RECEIVED)	SEPARATOR
PRESSURES, PSIG		TEMPERATURES, °F
March 11/74 (DATE SAMPLED D/M/Y)	March 22/74 (DATE RECEIVED D/M/Y)	April 3/74 (DATE ANALYSED D/M/Y) / D.J. (ANALYST) / (REMARKS)

MUD FILTRATE ANALYSIS

Resistivity = 10.5 Ohm-meters @ 25°C.

Chloride = 97 mg/liter.

CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY ALBERTA

WATER ANALYSIS

Plastic — CONTAINER IDENTITY

7021-47 — LABORATORY NUMBER

Dome Petroleum Limited — OPERATOR

1 of 1 — PAGE

65° 53" 04.00 N.L.
LSD 132°27 50.00 W.L. — LOCATION

Dome Texaco IMP South Peel D-64 — WELL OR SAMPLE LOCATION NAME

KB ELEV. — GRD. ELEV.

South Peel River, N.W.T. — FIELD OR AREA

POOL OR ZONE

SAMPLER

TEST TYPE & NO.

TEST RECOVERY

Flow(while stuck) — POINT OF SAMPLE

AMT. & TYPE CUSHION

@ °F — MUD RESISTIVITY

TEST INTERVALS OR PERFS.

PUMPING FLOWING GAS LIFT SWAB

WATER BBLS/D. OIL BBLS/D. GAS MFC/D.

SEPARATOR RESERVOIR

@ °F — CONTAINER WHEN SAMPLED

@ °F — CONTAINER WHEN RECEIVED

SEPARATOR

PRESSURES, PSIG

TEMPERATURES, °F

Dec. 26/73 — DATE SAMPLED (D/M/Y)

Jan. 3/73 — DATE RECEIVED (D/M/Y)

Jan. 4/74 — DATE ANALYSED (D/M/Y)

MA — ANALYST

REMARKS

ION	MG/L	MG%	MEQ/L
Na+K	6339	37.3	275.6
K			
Ca	235	1.4	11.7
Mg	42	0.2	3.5
Be			
Sr			
Fe		TRACE	

ION	MG/L	MG%	MEQ/L
Cl	10184	59.9	287.2
Br			
I			
HCO_3	185	1.1	3.0
SO_4	27	0.2	0.6
CO_3	0	0.0	0.0
OH	0	0.0	0.0
H_2S		ABSENT	

TOTAL SOLIDS MG/L

BY EVAPORATION @ 110°C

BY EVAPORATION @ 180°C

AT IGNITION

17,012 — CALCULATED

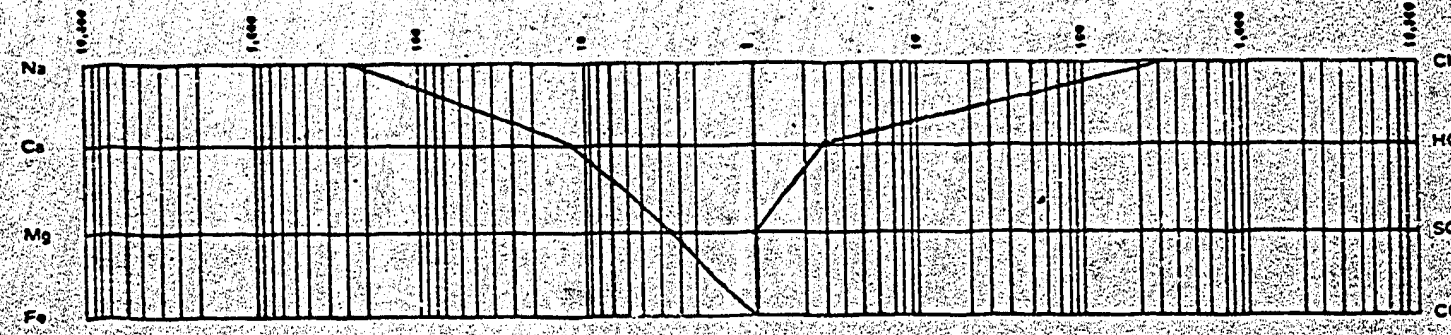
1.0120 @ 60°F — SPECIFIC GRAVITY

1.3350 @ 22°C — REFRACTIVE INDEX

7.5 — pH

0.360 @ 25°C — RESISTIVITY (OHM/METERS)

LOGARITHMIC PATTERN MEQ PER LITER



REMARKS

BJ BORG-WARNER

DRILL STEM TEST DATA

TICKET NO. 1509

DATE MARCH 9, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUM

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 1 Type DUAL BOTTOM HOLE

Interval 6300 To 6467 TD 6467

Formation Tested DEVONIAN Net Pay Temp °F 112

Preflow 21 Min. ISI 61 Min. Flow 91 Min. FSI 85 Min.

Recorder Number	2659	3973		
Ins. or outs.	IN	OUT		
Rec. Range (PSI)	6300	6700		
Clock Range (hrs)	24	24		
Recorder Depth	6287.50	6305		
Initial Hydro. Press.	2930	2939		
Initial Shut-in Press.	1617	1621		
Initial Flow Press.	85	82		
Final Flow Press.	110	171		
Final Shut-in Press.	1830	1843		
Final Hydro. Press.	2880	2890		

Fluid Recovery Total Feet 300

300 Ft. of GEL & DIESEL FUEL

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

Gas Recovery NO GAS

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size .....

Gas Cont. No. ..... Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size ..... Ft. of Rat Hole .....

Dr. Pipe Size 4 FH Wt. .....

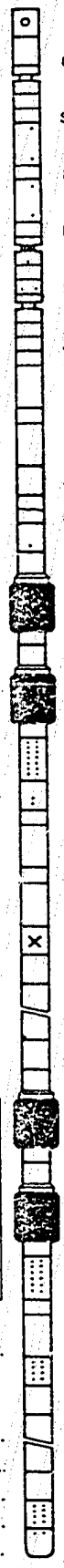
Dr. Collar I.D. 2.875 Ft. Run above tool 268

Surface Choke Size CLOSED Bottom Choke Size 0.50

Cushion Amount NIL Type .....

Mud Drop ..... Fluid Loss ..... Viscosity 340 Mud Wt. 9.1

Remarks: WEAK AIR BLOW ON PREFLOW.
INCREASING SLIGHTLY ON FLOW PERIOD.
GOOD TEST.



P.O. Sub	1.00		
Co Sub	1.00		
Shut-in Tool	6.00		
RFS No.			
RFS No.			
HMV	7.20		
Jars	DOME		
Rec. No. 2659	5.00	Depth	6287
Rec. No.		Depth	
Temp Recorder			
Safety Joint	1.50		
By-Pass Sub			
Packer			
Packer		Depth	
Anchor			
By-Pass Sub			
Rec. No.		Depth	
Rec. No.		Depth	
Blank off Sub			
Co Sub			
Dr. Collars			
Co Sub			
Packer	6.00	Depth	6294
Packer	5.00		6300
	1.00		
Anchor	10.00		
Rec. No. 3973	5.00	Depth	6312
Anchor TEMP REC.	2.00		5709
Co Sub	1.00		
Dr. Pipe or Dr. Collars	145.50		
Co Sub			
Anchor			
Bullnose	2.50	T.D.	6467
Total Test Tool	54.20		
Total Interval	167.00		
Total Tailpipe	167.00		
Weight of Tool			
Wt. Indicator Reading Prior to setting Packers			

WELL NAME: DOME IMP TEXICO SOUTH PEEL
WELL LOCATION: D-64
FORMATION: DEVONIAN

REC NO. 3973
DST NO. 1
DEPTH 6305

TIME - PRESSURE INCREMENTS

REMARKS	TIME MIN.	PRESSURE PSIG	T+DELTA(T)/ DELTA(T)
RUN IN HOLE	0.	0.	
	155.0	2938.8	
INITIAL HYDRO PRESSURE	220.0	2938.8	
INITIAL PREFLOW PRESSURE	0.	54.2	
	11.0	54.2	
FINAL PREFLOW PRESSURE	21.0	73.4	
START INITIAL SHUT-IN	0.	73.4	
	5.0	178.3	
	10.0	344.4	
	15.0	472.0	
	20.0	767.1	
	25.0	842.5	
	30.0	1023.9	
	35.0	1059.7	
	40.0	1199.7	
	45.0	1254.3	
	50.0	1382.3	
	55.0	1482.9	
INITIAL SHUT-IN PRESSURE	61.0	1621.2	
START FLOW PERIOD	0.	1621.2	
INITIAL FLOW PRESSURE	1.0	82.2	
	10.0	87.4	
	20.0	89.2	
	25.0	90.9	
	26.0	803.1	
	27.0	106.6	
	30.0	113.6	
	35.0	125.9	

WELL NAME: DOME IMP TEXICO SOUTH PEEL
WELL LOCATION: D-64
FORMATION: DEVONIAN

REC NO. 3973
DST NO. 1
DEPTH 6305

TIME - PRESSURE INCREMENTS

REMARKS	TIME MIN.	PRESSURE PSIG	T+DELTA(T)/DELTA(T)
	36.0	1093.9	
	37.0	127.6	
	40.0	143.4	
	50.0	167.1	
	60.0	199.3	
	70.0	187.1	
	80.0	155.6	
FINAL FLOW PRESSURE	91.0	171.3	
START FINAL SHUT-IN	0.	171.3	
	5.0	279.7	23.40
	10.0	389.9	12.20
	15.0	513.7	8.47
	20.0	657.5	6.60
	25.0	789.4	5.48
	30.0	912.7	4.73
	35.0	1039.2	4.20
	40.0	1151.9	3.80
	45.0	1256.0	3.49
	50.0	1358.4	3.24
	55.0	1450.5	3.04
	60.0	1530.7	2.87
	65.0	1607.5	2.72
	70.0	1672.4	2.60
	75.0	1732.1	2.49
	80.0	1788.4	2.40
FINAL SHUT-IN PRESSURE	85.0	1843.0	2.32
RUN OUT OF HOLE	0.	1843.0	
FINAL HYDRO PRESSURE	1.0	2889.5	
	19.0	2889.5	
OUT OF HOLE	185.0	0.	

WELL NAME: DOME IMP TEXICO SOUTH PEEL
WELL LOCATION: D-64
FORMATION: DEVONIAN
RECOVERY TYPE USED IN CALCULATIONS: WATER

REC NO. 3973
DST NO. 1
DEPTH 6305
INTERVAL 6300-6467

SUMMARY OF CALCULATIONS

1 SECOND SHUT-IN

EXTRAPOLATED FORMATION PRESSURE	3087.6 PSIG
SLOPE OF EXTRAPOLATED LINE	3413.25 PSI/CYCLE
ROOT MEAN SQUARE DEVIATION OF FITTED LINE	1.31 PSI
NUMBER OF POINTS IN SHUT-IN	18
NUMBER OF POINTS USED FOR EXTRAPOLATION	4

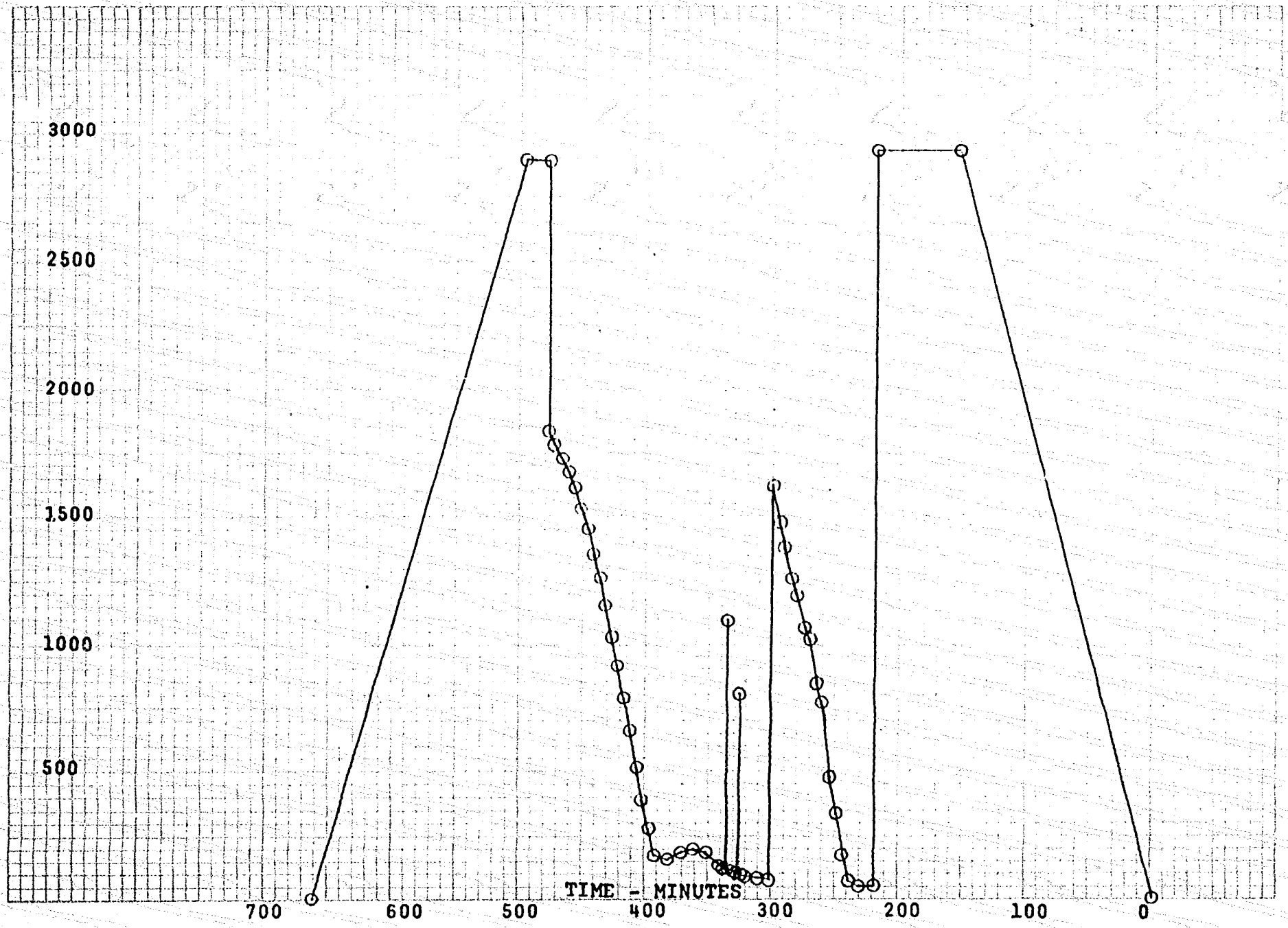
2 RESERVOIR AND FLUID PROPERTIES

NET PAY	30.00 FT
RESERVOIR POROSITY	8.00 PERCENT
PRODUCTION RATE	31.9 BPD
FORMATION VOLUME FACTOR	1.000 RB/STB
FLUID VISCOSITY	0.370 C.P.
TOTAL COMPRESSIBILITY X 10-6	6.000 /PSI
RESERVOIR TEMPERATURE	172.0 F
FINAL FLOWING PRESSURE	171.3 PSIG
TOTAL FLOW TIME	112.0 MIN

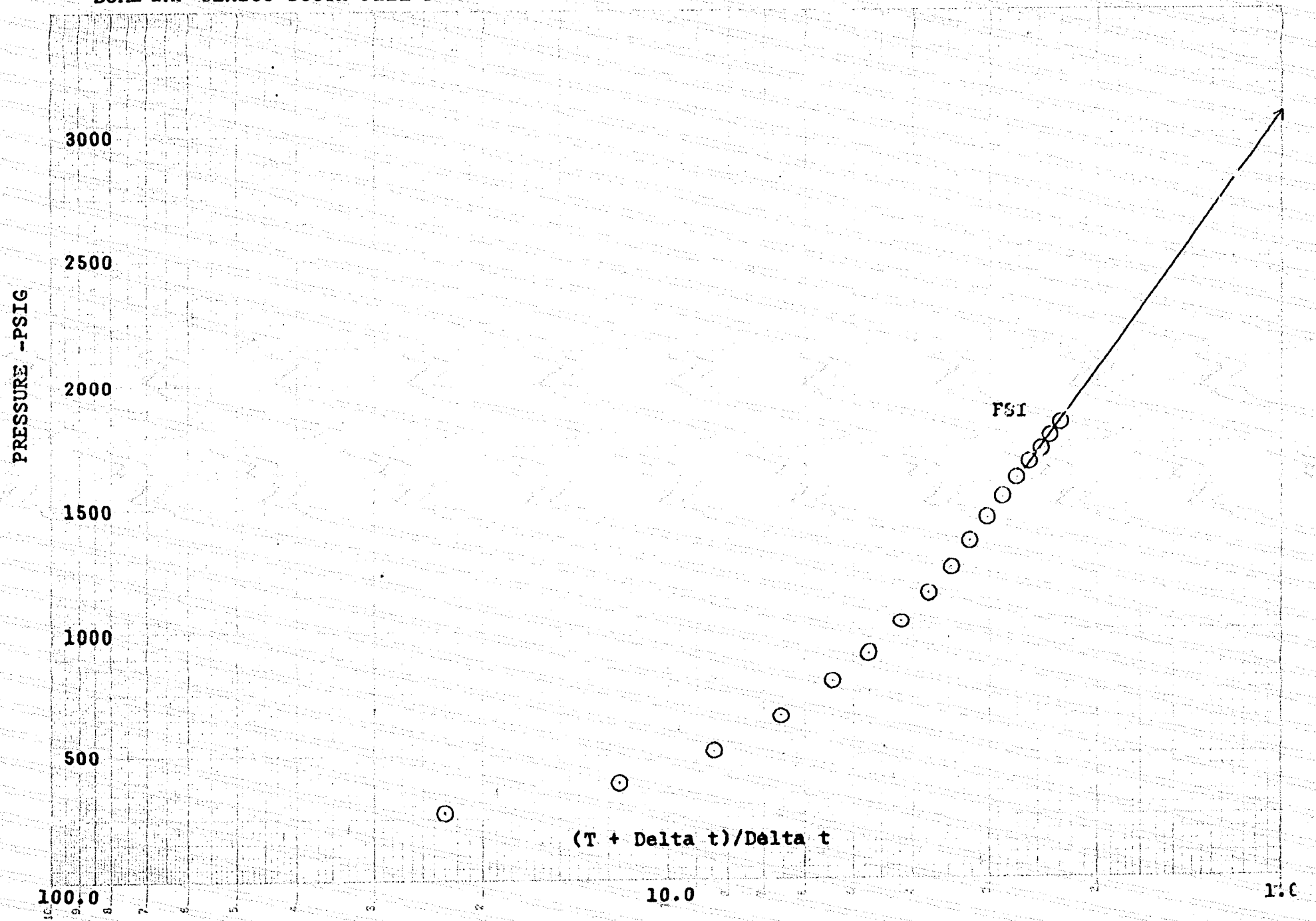
3 CALCULATION RESULTS

ESTIMATED DAMAGE RATIO	0.29
PERMEABILITY THICKNESS	0.6 MD FT
PERMEABILITY	0.02 MD
SKIN FACTOR	-2.43
APPROXIMATE DRAINAGE RADIUS	14.4 FT
PRODUCTIVITY INDEX	0.011 BPD/PSI

DOME IMP TEXICO SOUTH PEEL D-64 D-64 DST NO. 1 REC. NO. 3973

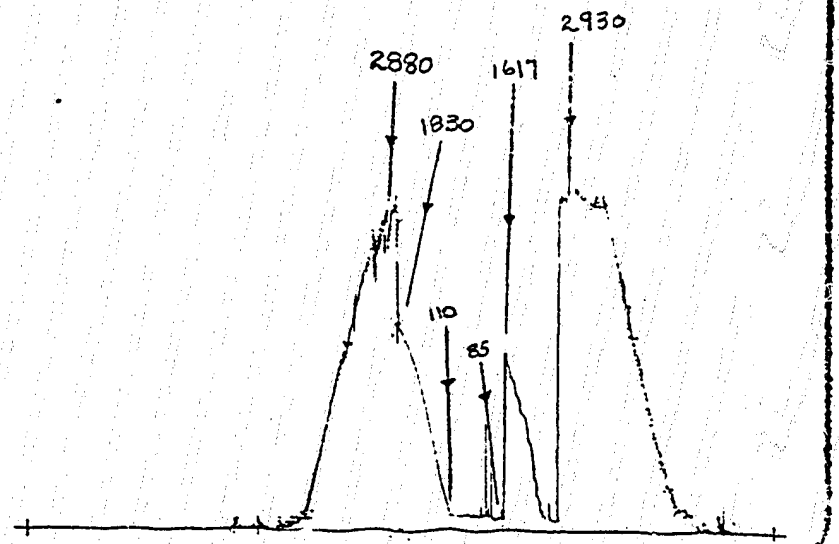


DOME IMP TEXICO SOUTH PEEL D-64 D-64 DST NO. 1 P* = 3087.6 PSIG

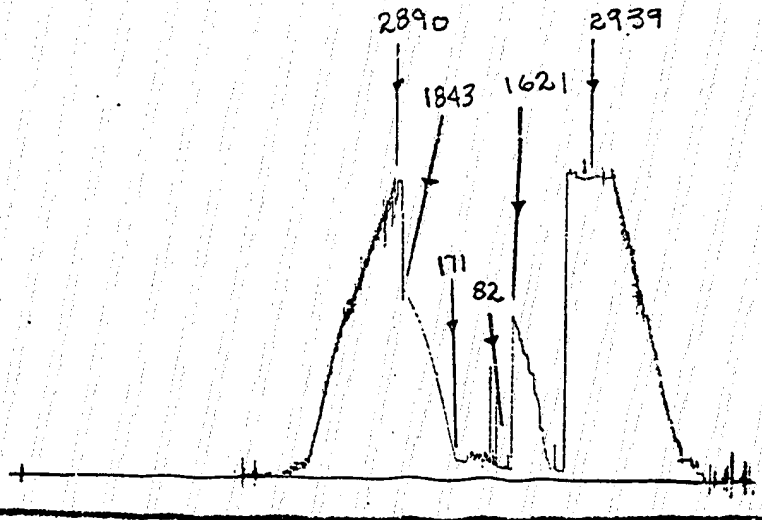


DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 1
INSIDE REC. NO. 2659



DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 1
OUTSIDE REC. NO. 3973

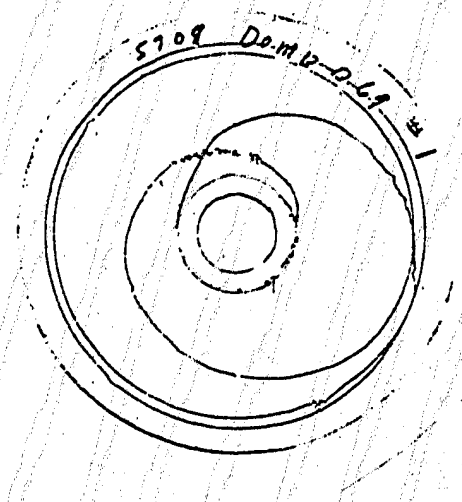


WELL NAME: DOME IMP TEXICO SOUTH PEEL

WELL LOCATION: D-64

DST NO.: 1

TEMPERATURE RECORDER NO. 5709



The analysis of this test is based upon calculations of the data contained in this report. Some assumptions with regard to reservoir properties may have been made if the information was not supplied. The most up to date methods were utilized to determine the results, ensuring a complete and accurate report.

Any questions regarding the procedure or results should be directed to:

PETCO SERVICES (1973) LTD.
#912 Charter Towers
614 - 5 Avenue S.W.
Calgary, Alberta
403 - 269 - 8291

BJ BORG WARNER

DRILL STEM TEST DATA

TICKET NO. 1510

DATE MARCH 10, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUM

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 2 Type STRADDLE DUAL BYPASS HOOKWALL

Interval 5540 To 5715 TD 6467

Formation Tested ..... Net Pay ..... Temp °F 155

Preflow 13 Min. ISI 30 Min. Flow 30 Min. FSI 60 Min.

Recorder Number	3973	3659	3958	
Ins. or outs.	OUT	IN	BTM	
Rec. Range (PSI)	6700	6300	6500	
Clock Range (hrs)	24	24	12	
Recorder Depth	5557	5528.5	5729	
Initial Hydro. Press.	2629		2739	
Initial Shut-in Press.				
Initial Flow Press.				
Final Flow Press.				
Final Shut-in Press.				
Final Hydro. Press.	2580	2548		

Fluid Recovery Total Feet NIL

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

Gas Recovery NIL

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size .....

Gas Cont. No. ..... Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size ..... Ft. of Rat Hole .....

Dr. Pipe Size 4 FH Wt. .....

Dr. Collar I.D. 2.875 Ft. Run above tool 268.00

Surface Choke Size CLOSED Bottom Choke Size FULL

Cushion Amount NIL Type .....

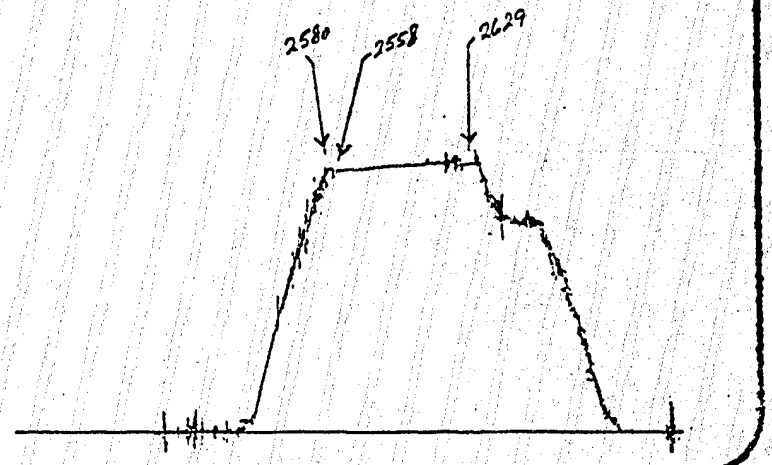
Mud Drop NIL Fluid Loss ..... Viscosity 340 Mud Wt. 9.1

Remarks: NO AIR BLOW ON PREFLOW. MISRUN. HYDRAULIC TOOL WOULD NOT OPEN.

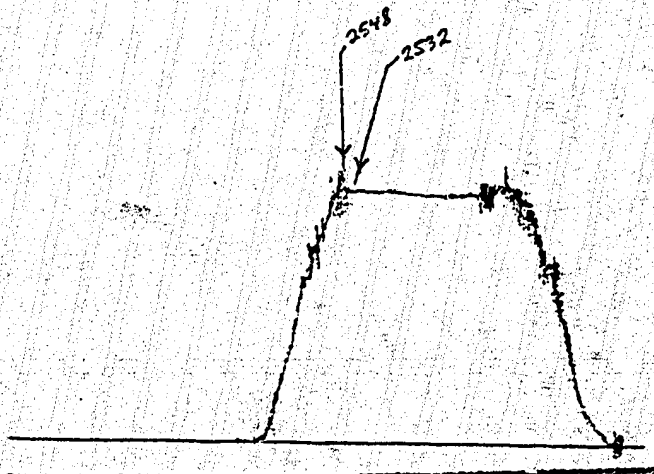
P.O. Sub	1.00		
Co Sub	1.00		
Shut-In Tool	6.00		
RFS No.			
RFS No.			
HMV	7.20		
Jars	6.10		
Rec. No. 2659	5.00	Depth	5528.50
Rec. No.		Depth	
Temp Recorder 5709	2.00		
Safety Joint	1.75		
By-Pass Sub	1.00		
Packer	6.00		
Packer	5.00	Depth	5540
	1.00		
Anchor	15.00		
By-Pass Sub	1.00		
Rec. No. 3973	4.00	Depth	5557
Rec. No.		Depth	
Blank off Sub			
Co Sub	1.00		
Dr. Collars	149.50		
Co Sub	1.00		
Packer	3.00	Depth	5715
	3.00		
Packer	6.00		
Anchor			
Rec. No. 3958	5.00	Depth	5724
Anchor	10.00		
Co Sub			
Dr. Pipe or			
Dr. Collars			
Co Sub			
Anchor HOOK WALL	6.00		
Bullnose	2.50	T.D.	6467
Total Test Tool	100.55		
Total Interval	175.00		
Total Tailpipe	32.50		
Weight of Tool			
Wt. Indicator Reading Prior to setting Packers			

DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 2
OUTSIDE REC. NO. 3973



DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 2
INSIDE REC. NO. 2659



DST RECORDER CHARTS

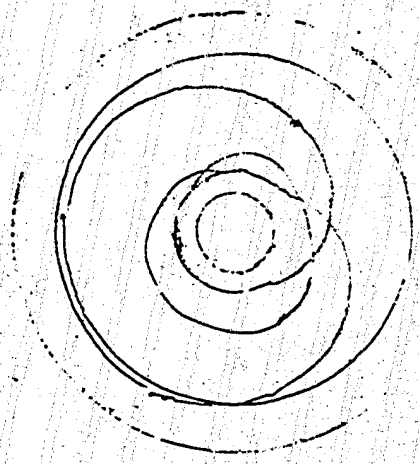
DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 2
OUTSIDE REC. NO. 3958

WELL NAME: DOME IMP TEXICO SOUTH PEEL

WELL LOCATION: D-64

DST NO.: 2

TEMPERATURE RECORDER NO. 5709



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Any questions regarding the procedure or results should be directed to:

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#912 Charter Towers
614 - 5 Avenue S.W.
Calgary, Alberta
403 - 269 - 8291

BJ BORG WARNER

DRILL STEM TEST DATA

TICKET NO. 1511

DATE MARCH 11, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUM LTD.

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 3 Type STRADDLE DUAL BYPASS HOOKWALL

Interval 5540 To 5715 TD 6467

Formation Tested ..... Net Pay ..... Temp °F 155

Preflow 10 Min. ISI 60 Min. Flow 60 Min. FSI 60 Min.

Recorder Number	3973	3659	3958	
Ins. or outs.	OUT	INS	BTM	
Rec. Range (PSI)	6700	6300	6500	
Clock Range (hrs)	241	24	12	
Recorder Depth	5557	5528.5	5729	
Initial Hydro. Press.				
Initial Shut-in Press.				
Initial Flow Press.				
Final Flow Press.				
Final Shut-in Press.				
Final Hydro. Press.				

Fluid Recovery Total Feet 30

30 Ft. of MUD

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

Gas Recovery NIL

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size .....

Gas Cont. No. ..... Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size ..... Ft. of Rat Hole .....

Dr. Pipe Size 4 FH Wt. .....

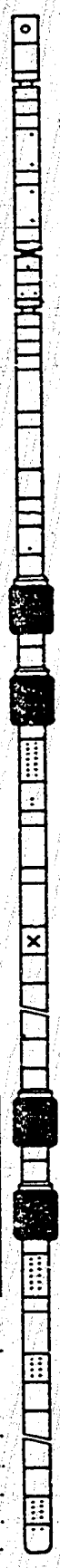
Dr. Collar I.D. 2.875 Ft. Run above tool 268.00

Surface Choke Size CLOSED Bottom Choke Size FULL

Cushion Amount NIL Type .....

Mud Drop NIL Fluid Loss ..... Viscosity 340 Mud Wt. 9.1

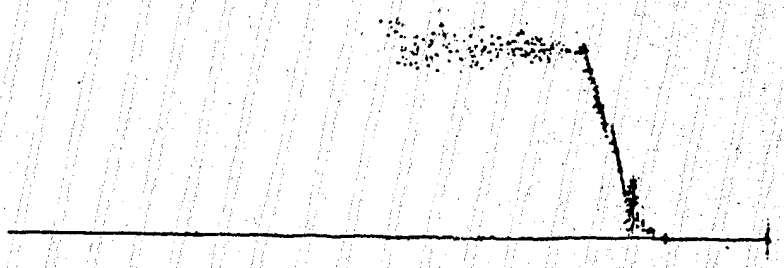
Remarks: HIT BRIDGE RUNNING IN HOLE CAUSED RECORDERS TO MALFUNCTION, ALSO PLUGGED TOOL. MISRUN.



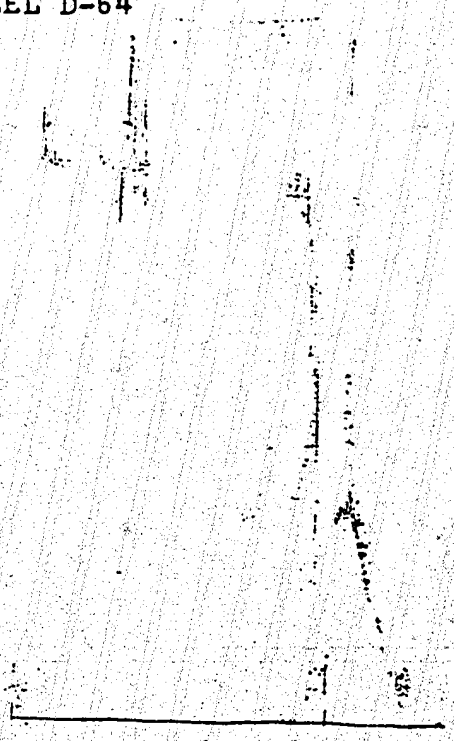
P.O. Sub	1.00		
Co Sub	1.00		
Shut-in Tool	6.00		
RFS No.			
RFS No.			
HMV	7.20		
Jars	6.10		
Rec. No. 2659	5.00	Depth	5528.5
Rec. No.		Depth	
Temp Recorder 5709	2.00		
Safety Joint	1.75		
By-Pass Sub	1.00		
Packer	6.00		
Packer	5.00	Depth	5540
	1.00		
Anchor	15.00		
By-Pass Sub	1.00		
Rec. No. 3973	4.00	Depth	5557
Rec. No.		Depth	
Blank off Sub			
Co Sub	1.00		
Dr. Collars	149.50		
Co Sub	1.00		
Packer	3.00	Depth	57.15
	3.00		
Packer	6.00		
Anchor			
Rec. No. 3958	5.00	Depth	5724
Anchor	10.00		
Co Sub			
Dr. Pipe or			
Dr. Collars			
Co Sub			
Anchor HOOKWALL	6.00		
Bullnose	2.50	T.D.	6467
Total Test Tool	100.55		
Total Interval	175.00		
Total Tailpipe	32.50		
Weight of Tool			
Wt. Indicator Reading Prior to setting Packers			

DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 3
OUTSIDE REC. NO. 3973

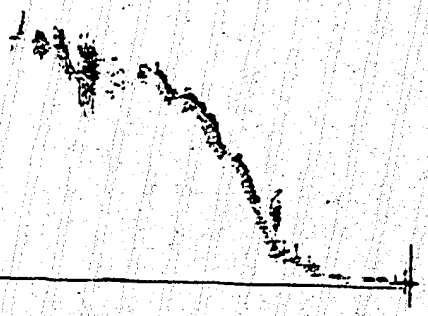


DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 3
INSIDE REC. NO. 2659



DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 3
OUTSIDE REC. NO. 3958

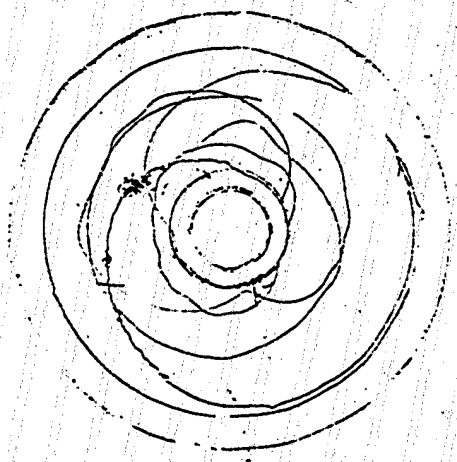


WELL NAME: DOME IMP TEXICO SOUTH PEEL

WELL LOCATION: D-64

DST NO.: 3

TEMPERATURE RECORDER NO. 5709



The analysis of this test is based upon calculations of the data contained in this report. Some assumptions with regard to reservoir properties may have been made if the information was not supplied. The most up to date methods were utilized to determine the results, ensuring a complete and accurate report.

Any questions regarding the procedure or results should be directed to:

PETCO SERVICES (1973) LTD.
#912 Charter Towers
614 - 5 Avenue S.W.
Calgary, Alberta
403 - 269 - 8291

BJ BORG WARNER

DRILL STEM TEST DATA

TICKET NO. 1512

DATE MARCH 12, 1974

WELL NAME DOME IMP TEXICO SOUTH PEEL

WELL NUMBER D-64

COMPANY DOME PETROLEUMS LTD.

COMPANY REP. AL WRIGHT

TESTER J. WIEBE

Test No. 4 Type DUAL BY PASS STRADDLE HOOKWALL

Interval 5540 To 5715 TD 6467

Formation Tested ..... Net Pay ..... Temp °F 155

Preflow ..... Min. ISI ..... Min. Flow ..... Min. FSI ..... Min.

Recorder Number	3973	2659	3958	
Ins. or outs.	OUT	INS	BTM	
Rec. Range (PSI)	6700	6300	6500	
Clock Range (hrs)	24	12	24	
Recorder Depth	5557	5528.5	5720	
Initial Hydro. Press.			3037	
Initial Shut-in Press.				
Initial Flow Press.				
Final Flow Press.				
Final Shut-in Press.				
Final Hydro. Press.				

Fluid Recovery Total Feet NIL

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

..... Ft. of .....

Gas Recovery

Mins	Temp °F	Press (PSI)	Orifice Size	MCF Day

Orifice Well Tester ☐ Pitot tube ☐

Critical Flow Prover ☐ Side Static ☐ Riser Size .....

Gas Cont. No. ..... Chem & Geo Lab ☐ Core Lab ☐

Main Hole Size 8.5 Packer Size 7.5

Rat hole Size ..... Ft. of Rat Hole .....

Dr. Pipe Size 4 FH Wt. .....

Dr. Collar I.D. 2.875 Ft. Run above tool 268.00

Surface Choke Size CLOSED Bottom Choke Size FULL

Cushion Amount ..... Type .....

Mud Drop NIL Fluid Loss ..... Viscosity 270 Mud Wt. 9.1

Remarks: UNABLE TO SET LEFT HAND ROTATION HOOKWALL LOST SOME ANCHOR DOWN HOLE, RECOVERED SAME.

P.O. Sub	1.00		
Co Sub	1.00		
Shut-in Tool	6.00		
RFS No.			
RFS No.			
HMV	7.20		
Jars LEE	6.10		
Rec. No. 2659	5.00	Depth	5520.50
Rec. No.		Depth	
Temp Recorder 5709	2.00		
Safety Joint	1.75		
By-Pass Sub	1.00		
Packer	6.00		
Packer	5.00	Depth	5540
	1.00		
Anchor	15.00		
By-Pass Sub	1.00		
Rec. No. 3973	4.00	Depth	5557
Rec. No.		Depth	
Blank off Sub			
Co Sub	1.00		
Dr. Collars	149.50		
Co Sub	1.00		
Packer	3.00	Depth	5715
	3.00		
Packer	6.00		
Anchor			
Rec. No. 3958	5.00	Depth	5724
Anchor	25.00		
Co Sub			
Dr. Pipe or			
Dr. Collars			
Co Sub			
Anchor HOOKWALL	6.00		
Bullnose	2.50	T.D.	6462
Total Test Tool	121.55		
Total Interval	175.00		
Total Tailpipe	47.50		
Weight of Tool			
Wt. Indicator Reading Prior to setting Packers			

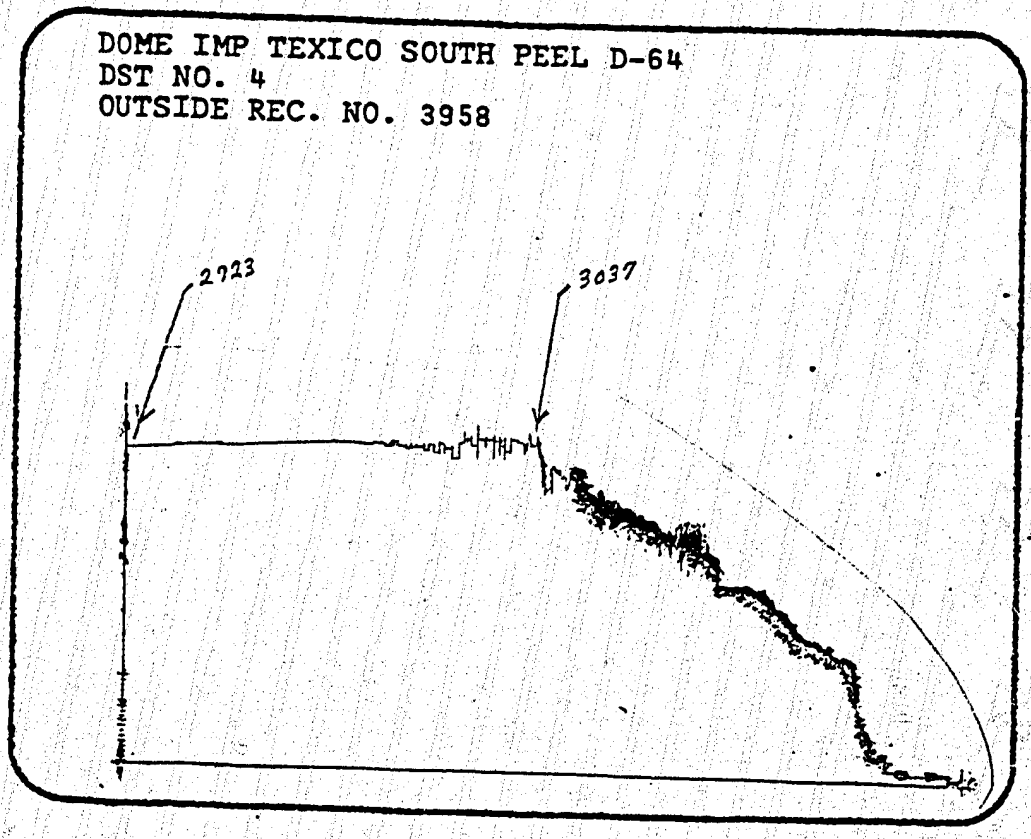
DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 4
OUTSIDE REC. NO. 3973

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 4
INSIDE REC. NO. 2659

DST RECORDER CHARTS

DOME IMP TEXICO SOUTH PEEL D-64
DST NO. 4
OUTSIDE REC. NO. 3958

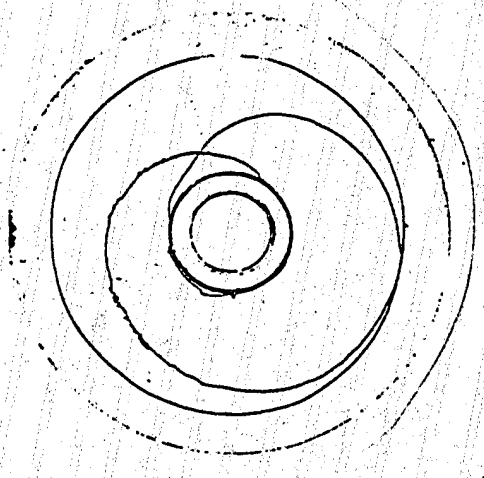


WELL NAME: DOME IMP TEXICO SOUTH PEEL

WELL LOCATION: D-64

DST NO.: 4

TEMPERATURE RECORDER NO. 5709



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PETCO SERVICES (1973) LTD.
#912 Charter Towers
614 - 5 Avenue S.W.
Calgary, Alberta
403 - 269 - 8291

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE March 15 19 74

DAYS FROM SPUD 94 MAILING ADDRESS EDMONTON ROAD CONDITIONS S-DAYS 319 WEATHER

№ 13155

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: 6:45 AM — DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Gel for Plug #2 - 10m at 1360'

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Cemented 7/8 of surface Casing. Cut off 3' below ground Level w/ 5 sks cement, welded 1/2" plate on top of same. Placed weld shoulder 5' above G.L..

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 1	NO. 2	NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER D. Trepanier

WATER COST $

CUSTOMER'S COPY

REMARKS

	TIME START	TIME STOP	INTVL
W.O.C Plug #4	12:00	6:45	6¾
Gel for Plug #2 - 10m at 1360'			
Lay down remainder of D.P.	6:45	8:00	1¼
A. Ewasiuk DRILLER'S SIGNATURE			
Lay Down B.O.P	8:00	4:00	8
Clean Mud Tank			
Rig released @ 6PM. March 15-1974			
by E. A. WRIGHT. DRILLER'S SIGNATURE			
Cut Casing	4:00		
Cap Well		6:00	2
Tear out Rig	6:00	12:00	6
A. Ewasiuk DRILLER'S SIGNATURE			

DATE MARCH 15 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundle	12
DERRICK H. Haydon	12
MOTOR A. Gillisson	12
FLOOR R. M. Cuthum	12
FLOOR C. Kelly	12
FLOOR J. Bowman	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
FLOOR ~~MEN~~ D. SHANK	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Trepanier

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13155

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE MARCH 14 1974

DAYS FROM SPUD 93 MAILING ADDRESS EDMONTON ROAD CONDITIONS S-DAYS 318 WEATHER

№ 13154

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	6:45AM — Plug #2 - Left for								Left for			took	10M -		3640	
4 A.M.																

WATER ADDED: Ran Plug #3. 3200-3075 DESILTER: HRS. OP. w/ 153 U.FLOW O. FLOW

MUD ADDITIVES: Displaced w/ 286 bbls Mud. - In place at 8:15 AM

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: Ran Plug #4 - 1550 DESILTER: HRS. OP. w/ 100 U.FLOW O. FLOW

MUD ADDITIVES: Displaced w/ 566 bbls Water - In place at 10:45 (PM)

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

REMARKS	TIME START	TIME STOP	INTVL.
W.O.C. Plug #2 -	12⁰⁰	6⁴⁵	6¾
F-Lt for Plug #2. - Took 10M @ 5600			
Pull up To 3200' for Plug #3	6⁴⁵	7⁴⁵	1
Prepare To run. Plug #3.	7⁴⁵	8⁰⁰	¼
DRILLER'S SIGNATURE			
Ran Plug #3 -	8⁰⁰	8:15	¼
W.O.C on Plug #3.	8:15	4:00	7¾
DRILLER'S SIGNATURE			
W.O.C Plug #3 -	4⁰⁰	4⁴⁵	¼
Left for same 10M at 3060'			
Lay down drill pipe	4:15	10:45	6
Tag up for Plug #4 @ 1550'			
Ran Plug #4 -	10:45	10:45	½
Test W.O.C Plug #4	10⁴⁵	12⁰⁶	1¼
DRILLER'S SIGNATURE			

CASING REPORT. RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % MUD DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

DATE MARCH 14 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	12

TOUR 2 8 AM TO 4 PM	HRS.
DRILLER A. LUNDLIE	12
DERRICK H. Hayden	12
MOTOR A. Collisson	12
FLOOR R. McCutheon	12
FLOOR G. Kelly	12
FLOOR C. BOWMAN	12

TOUR 3 4:00 PM TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
FLOOR D. SHANK	12

INJURIES: COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13154

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE MARCH 13 19 74

DAYS FROM SPUD 92 MAILING ADDRESS EDMONTON ROADS OR STATIONS S-DAYS. 317 WEATHER

№ 13153

DATE MARCH 13 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6SIN	TD													

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8			26334	66 140	26334	MAR 13	26634	2420

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8			26334				26634	2420

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: Plug #1 - IN PLACE DESILTER: HRS. OP. @ 8:45 PM. U.FLOW O. FLOW

MUD ADDITIVES: Plug #2 - IN PLACE @ 10:05 PM

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

REMARKS

	START	STOP	INTVL.
RIG SERV. & B.O.P.	12:00		
SLIP & CUT LINE		12:30	½
WAIT ON ORDERS - PICK UP	12:30		
SMALLER ITEMS FOR MOVE.		8:00	7½
			8
Numico crucket sent in from Inuvik to pull out last anchor and packer from DST #4.			
A. Ewasiuk DRILLER'S SIGNATURE			
R.S.E.B.O.P.			½
Prepare Tools, TRIPIN to circ. - WORKOVER fish - & RECOVER.			
SOME.			7
Break-DOWN fish			½
A. Lundle DRILLER'S SIGNATURE			
Finish Break-DOWN "B.J." ANCHOR			
TOOLS -			¾
TRIP IN w/ open-end for Plug #2			2½
RAN Plug #1 - 6467 - 6300 = 66 SKS			
Displ - w/ 68 66 bls MUD. - No feet.			1
TRIP w/ for Plug #2 -			1½
RAN Plug #2 - 5750 - 5650 = 40 SKS			1
Displ w/ 61 66 bls MUD - Pull tool 8 HRS			
WAC Plug #2 DRILLER'S SIGNATURE			1¼

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN.	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. Lundle	12
DERRICK H. Haydon	12
MOTOR A. Collisson	12
FLOOR R. McCallum	12
FLOOR G. Kelly	12
FLOOR C. Bowman	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
TESOR D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Trepanier

SAFETY TALKS - SUBJECT

GIVEN BY

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Lundle

APPROVED TOOLPUSHER: D. Trepanier

WATER COST $

CUSTOMER'S COPY

№ 13153

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp Tex South Peel D-6 DATE March 12 19 84 Nº 13152

DAYS FROM SPUD 91 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER -18° Clear Calm

DATE March 12/84 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514								15	6 3/4	2 7/8	459			

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	285	1.1	56	95												
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50# Envirotrol & 50# Polytex

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	6	904	26190				26346	2570

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514		0		118m	64			15	6 3/4	2 7/8	4516		285	

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: DST #4 - INTERVAL 5540-5715. 3/4" choke. 7 1/2" Dual Straddle, Misrun - (anchor failed to set.)

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	Hughes	8	6	908	26190				26346	2560

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL 7 am 5'	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

REMARKS	TIME START	TIME STOP	INTVL
Circ & Condition Mud	12 00	3 30	3 1/2
Blow Kelly & Hoist	3 30	6 30	3
Make up Packer DST #4.	6 30	8 00	1 1/2
			8
Ray Stevens DRILLER'S SIGNATURE			
Rig Serv & BOP	8 00	8 15	1/4
Make up Packer.	8 15	10 00	1 3/4
Trip in for DST #4. (Repeat)	10 00	1 00	3.
Seating wall hook hanger	1 00	4 00	3
			8
B. Lewis DRILLER'S SIGNATURE			
Pull out Test (Misrun)	4 00	6 30	2 1/2
Lay Down Tool (Check charts)	6 30	7 30	1
Layed Down 6 Collars	7 30	8 30	1
Travel Collar Turned out	8 30		
Wait on orders		12 00	3 1/2
Safety Awards presented. E Hunter			8
A Lundie DRILLER'S SIGNATURE			

CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	SAX
PLUS %	PLUG DOWN	A.M. P.M.	RETURNS YES/NO		BBLS.

DRILL PIPE SIZE	JT.	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: T. Mahubuki

APPROVED TOOLPUSHER:

WATER COST $

CUSTOMER'S COPY

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	8
DERRICK E. KRIGGER	8
MOTOR E. KRIEGER	8
FLOOR R. VEZEAU	8
FLOOR R. WOODS	8
FLOOR C. McLEOD	8

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. ENASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	8

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. Lundie	8
DERRICK H. Hayden	8
MOTOR A. Collisson	8
FLOOR R McCallum	8
FLOOR G. Kelly	8
FLOOR G. Bowman	8

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL T. Mahubuki

SAFETY TALKS - SUBJECT B. Lewis - Safety Awareness. E Hunter

GIVEN BY

Nº 13152

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Tex Imp South Peel O-64 DATE March 11 1974

DAYS FROM SPUD 90 MAILING ADDRESS Edmonton ROAD CONDITIONS _____ WEATHER -18° Clear Wind

№ 13151

DATE March 11/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514								15	6 3/4	2 1/8	456			

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: DST #2 - Interval 5560 - 5715 - Aborted (Hydraulic Sampling Tool failed to open)

Dual Straddle - 1/2" choke Hookwall anchor

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	5	864	26046	33'		March 11	26346	2560

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514					64			15	6 3/4	2 1/4	456		SUBS 4.00	

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	5	864	26046	33		March 11	26346	2560

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DST #3 - INT 5540 - 5715 - DESILTER: HRS. OP. Hookwall Anchor O. FLOW

MUD ADDITIVES: 1/2" Choke, Dual 7 1/2" Straddle - Preflow - 13 mins - V.W.P. ISI-60, OF 60, FSI-60 - Rec-50' of Drill Fluid. Very Visc - Tool Plugged w/ Cake Material - Hit Smi Bridge on Trip In @ 3900' - disturbed 3 Recorder Stylus - Test Not Valid.

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL 7 a.m. 2' 6"	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: _____

APPROVED TOOLPUSHER: D. Makubenki

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
FINISH OUT D.S.T. #2	12 00	1 30	1 1/2
BREAK DOWN TOOL RECOVER	1 30		2
CHARTS & LOAD RECORDERS		3 30	
WAIT ON TESTING TOOLS	3 30	5 45	2 1/4
FINISH UNKING UP PACKER	5 45	6 45	1
RUN IN	6 45	8 00	1 1/4
DRILLER'S SIGNATURE			
TRIP IN FOR D.S.T. #3 ~~RE RUN~~.	8 00	9 00	1
MAKE UP TESTING HEAD	9 00	~~9 00~~	~~0~~
HOOKING WALL ANCHOR		10 00	1
TESTING	10 00	1 00	3
TRIP OUT.	1 00	4 00	3
			8
DRILLER'S SIGNATURE			
BREAK & LAY DOWN TEST TOOL	4 00	7 00	3
TRIP IN & REAM BRIDGES TO BOTTOM	7 00	11 00	4
CIRC & CONDITION MUD	11 00	12 00	1
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. Sturm	8
DERRICK F. Krieger	4
MOTOR E. Krieger	4
FLOOR R. Uezeah	4
FLOOR R. Woods	8
FLOOR G. McLeod	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. Ewasiuk	12
DERRICK R. Pearson	12
MOTOR C. Kendall	12
FLOOR M. Shippy	12
FLOOR D. Donovan	12
FLOOR M. Pearman	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. Sturm	4
DERRICK F. Krieger	4
MOTOR E. Krieger	4
FLOOR R. Uezeah	4
FLOOR R. Woods	4
Mort. ~~FLOOR~~ D. Shank.	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Makubenki

SAFETY TALKS SUBJECT _____

GIVEN BY _____

№ 13151

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp Tex South Peel D-64 DATE March 10 19 74

DAYS FROM SPUD 89 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER -34° Clear. SW 6 MPH. № 13239

DATE March 10/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS: NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514							15	6 3/4	2 7/8	453.6			19

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.	44D	9.1	5.2	9												

WATER ADDED: DST #1 - INT - 6467 - 6300 DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: ½ "Choke, DUAL 7½" Preflow - 15 mins. Very weak puff, ISI - 60 mins, OIF 90 min, FSI - 90 mins, very weak blow throughout test increasing slightly - measured @ floor hose. Recovered 300' - Fluid - (150' - Diesel - 150 Drill Fluid)

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WR1	9	4	576	25754				25770	2560

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS: NO	OD	ID	LENGTH	WT AIR	5565 4410	FT UP ON KELLY
6514			118M		64		15	6 3/4	2 7/8	456			

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	ISIP - 1620	FSIP 1920	IFP 110	FFP 140	IHP 3130	FHP 3090										
12 NOON	CHARTS INDICATE GOOD T-ST.															

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Caustic

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WR1	7	4	288	25752				2537	3560

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS: NO	OD	ID	LENG.	WT AIR	C B FT	FT UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WR1	8	5	720	25901				25770	

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

TOTCO RING ON/OFF

BOILER OPERATED 24 HRS.

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

7 a.m. TOTAL 3'6" GALS.

FUEL ON HAND 11:59 P.M. GALS.

FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. @ CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: S. Makurski

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
FINISH OUT W/D.S.T. # 1	12 00	2 30	2½
BREAK DOWN PACKER &	2 30		
RECOVER CHARTS & LAY DOWN			
PACKER		3 45	1¼
RUN IN	3 45	6 45	3
BLOW KELLY & CIRC [redacted]	6 45		1¼
[redacted] W.O. ORDERS.		8 00	
DRILLER'S SIGNATURE R. Sturm			
RIG SERV & B.O.P.	8.00	8.15	¼
CIRC & W.O. ORDERS.	8.15	10.45	2½
TRIP OUT (SLOW)	10.45	1.30	2¾
MAKE UP PACKER.	1.30	4.00	2½
			8
DRILLER'S SIGNATURE A. Ewasiuk			
MAKE UP PACKER	4.00	5.00	1
TRIP IN - (MEASURING)	5.00	2.00	2
MAKE UP HEAD FOR DST #2	2.00	3.00	1
TESTING	8 00	11 00	3
Hoist DST #2	11 00	12 00	1
DRILLER'S SIGNATURE D. Frank			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. STURM	8
DERRICK F. KRIEGER	8
MOTOR E. KRIEGER	8
FLOOR R. VEZEAU	8
FLOOR R. WOODS	8
FLOOR G. MCLEOD	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4 00 P.M. TO MIDNIGHT

	HRS.
DRILLER F. STURM	4
DERRICK F. KRIEGER	4
MOTOR E. KRIEGER	4
FLOOR R. VEZEAU	4
FLOOR R. WOODS	4
MECH. D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR

POSITION	TOUR	HRS	SIGNATURE

TOOLPUSHER'S APPROVAL S. Makurski

SAFETY TALKS SUBJECT

GIVEN BY

№ 13239

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp Tex South Reiel D-64 DATE March 10 19 74

DAYS FROM SPUD 89 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER -34° Clear SW 6 MPH. № 13239

DATE March 10/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY IF INJURY WAS RECEIVED. SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
5314								15	6 3/4	2 7/8	455.6			19

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.	44	9.1	5	9												

WATER ADDED: DST #1 - INT - 6457 - 6500 DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES: ½ "Choke, Dual 7½" Hoflow - 15 mins, Very weak Puff, ISI - 60 mins, O.F 90 min, FSI - 90 mins, Very weak blow Throughout Test increasing slightly - Measured by Floor Hose. Recovered 300' - Fluid - (150' - Diesel - 150 Drill Fluid)

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WR	8	4	576	25754				25770	2560

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
5314			118M		64			15	6 3/4	2 7/8	455.6		5565 4.10	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	ISIP - 1620	FSIP 1920	IFP 110	FFP 140	IHP 3130	FHP 3090										
12 NOON	CHARTS INDICATE GOOD T-ST.															

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Caustic

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WR	8	4		25758				25770	2560

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WR	8	5"	7.0	25902				25770	

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

TOTAL 7 a.m. 3' 6" GALS.

FUEL ON HAND 11:59 P.M. GALS.

FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DAY	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Lemaire

APPROVED TOOLPUSHER: T. Nakubski

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	HRS.
FINISH OUT W/D.S.T. #1	12 00	2 30	2½
BREAK DOWN PACKER &	2 30		
RECOVER CHARTS & LAY DOWN			1¼
PACKER		3 45	
RUN IN	3 45	6 45	3
BLOW KELLY & CIRC	6 45		1¼
[redacted] W.O. ORDERS.		8 00	

DRILLER'S SIGNATURE

RIG SERV. V.B.P.	8.00	8.15	¼
CIRC & W.O. ORDERS.	8.15	10.45	2½
TRIP OUT (SLOW)	10.45	1.30	2¾
MAKE UP PACKER.	1.30	4.00	2½
			8

DRILLER'S SIGNATURE

MAKE UP PACKER	4.00	5.00	1
TRIP IN. (MEASURING)	5.00	7.00	2
MAKE UP HEAD FOR DST #2	7.00	8.00	1
TESTING	8.00	11.00	3
Hoist DST #2	11.00	12.00	1

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	8
DERRICK F. KRIEGER	8
MOTOR E. KRIEGER	8
FLOOR R. VEZEAU	8
FLOOR R. WOODS	8
FLOOR E. McLEOD	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER K. STURM	4
DERRICK F. KRIEGER	4
MOTOR E. KRIEGER	4
FLOOR R. VEZEAU	4
FLOOR R. WOODS	4
Mud [redacted] D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL T. Nakubski

SAFETY TALKS SUBJECT

GIVEN BY

№ 13239

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL. DOME IMP. TAX. SOUTH PIBEL D-64 DATE MARCH 9 19 64

DAYS FROM SPUD 81 MAILING ADDRESS EDMONTON ROAD CONDITIONS Road to Airstrip. WEATHER -36° Clear. Calm. № 13238

DATE MARCH 9/64 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	CB FT	FT UP ON KELLY
65'-14		0						15	6 3/4	2 7/8	456			19'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO	PUMP PRESSURE	S.P.M.	T	B	G
												1	1300	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M	LINER
12 MN.	600	9.1	4.4	9.5												
7 A.M.	315	9.0	5.6	9.0												

WATER ADDED: CAUSTIC 50# DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WX1	4	2	288	25440	33'			25110	2560

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT UP ON KELLY
6514		0		118M	64			15	6 3/4	2 7/8	456		5043 14406

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	340	9.1	5.2	9												
12 NOON																

WATER ADDED: DESILTER: HRS. OP U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WX1	8	3	432	25674				25770	2560

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	CB FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH

REMARKS	START	STOP	INTVL.
Logging By SCHLUMBERGER	12 00	12 30	1/2
TAKE OUT Loggers	12 30	1 00	1/2
RUN IN COLLARS	1 00	1 45	3/4
SLIP 33' LINE	1 45	2 00	1/4
FINISH IN	2 00	4 30	2 1/2
CIRC & WATER MUD BACK	4 30		
TO 315		8 00	3 1/2
Roy Sturm DRILLER'S SIGNATURE			
RIG SERV V BOP.	8.00	8.15	1/4
WATER MUD DOWN TO LOWER VISC	8.15	9.30	1 1/4
TRIP OUT. LAY DOWN KEYSEAT WIPER	9.30	12.30	3
MAKE UP PACKER & RUN COLLARS	12.30	3.30	3
TRIP IN.	3.30	4.00	1/2
			8
Rotate Pump Rods A. Ewasiuk DRILLER'S SIGNATURE			
TRIP IN.	4.00	5.30	1 1/2
MAKE UP HEAD FOR DST. No 1	5.30	6.30	1
TESTING B.J. B.J.	6 30	11 15	4 3/4
Hoist D.S.T. #1	11 3	12 00	3/4
			8
Roy Sturm DRILLER'S SIGNATURE			

TIME

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	R. STURM	4
DERRICK	F. KRIEGER	4
MOTOR	E. KRIEGER	4
FLOOR	R. VEZEAU	4
FLOOR	R. WOODS	4
FLOOR	G. MCLEOD	12

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	A. EWASIUK	12
DERRICK	R. PEARSON	12
MOTOR	C. KENDALL	12
FLOOR	M. SHIPPY.	12
FLOOR	P. DONOVAN	12
FLOOR	M. PEARMAN	12

TOUR 3 4.00 P.M. TO MIDNIGHT

		HRS.
DRILLER	R. STURM	4
DERRICK	F. KRIEGER	4
MOTOR	E. KRIEGER	4
FLOOR	R. VEZEAU	4
FLOOR	R. WOODS	4
Mech	D. SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberski.

SAFETY TALKS - SUBJECT Tripping out Rig.

GIVEN BY A. Ewasiuk

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
7 a.m. TOTAL 4' 2"	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % MUD DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE CLASSIFICATION NO.	DRILL PIPE CLASSIFICATION NO. 3	TOTAL JTS	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Ewasiuk

APPROVED TOOLPUSHER: J. Mahuberski.

WATER COST $

CUSTOMER'S COPY

№ 13238

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP. TEX. SOUTH PEEL D-64 DATE MARCH 9 19 64

DAYS FROM SPUD 84 MAILING ADDRESS EDMONTON ROAD CONDITIONS Good to Airstrip. WEATHER -36° Clear. Calm. № 13238

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O D	I D	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514		0						15	6 3/4	2 1/8	456			19'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
												1	1300	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	600	9.1	4.4	9.5												
7 A.M.	315	9.0	5.6	9.0												

WATER ADDED: CAUSTIC 50#

DESILTER: HRS. OP U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WX1	4	2	288	25410	35'			25770	2560

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O D	I D	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514		0	118M		64			15	6 3/4	2 1/4	456		SUMS 14406	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	340	9.1	5.2	9												
12 NOON																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WX1	5	3	432	25614				25770	2560

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O D	I D	LENGTH	WT AIR	C B FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF

BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

7 a.m. TOTAL 4.2" GALS.

FUEL ON HAND 11:59 P.M. GALS.

FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: J. Mahubiski.

WATER COST $

CUSTOMER'S COPY

REMARKS	START	STOP	INTVL.
Logging By SCHLUMBERGER	12 00	12 30	1/2
TEAR OUT Loggers	12 30	1 00	1/2
RUN IN COLLARS	1 00	1 45	3/4
SLIP 33' LINE	1 45	2 00	1/4
FINISH IN	2 00	4 30	2 1/2
CIRC & WATER MUD BACK	4 30		
TO 315		8 00	3 1/2
DRILLER'S SIGNATURE			
RIG SERV V BOP.	8.00	8.15	1/4
WATER MUD DOWN TO LOWER VISC	8.15	9.30	1 1/4
TRIP OUT. LAY DOWN KELLY SEAT WIPER	9.30	12.30	3
MAKE UP PACKER + RUN COLLARS	12.30	3.30	3
TRIP IN-	3.30	4.00	1/2
			8
Rotate Pump Rods A. Ewasiuk DRILLER'S SIGNATURE			
TRIP IN.	4.00	5.30	1 1/2
MAKE UP HEAD. FOR DST. NO 1	5.30	6.30	1
TESTING By B. J.	6 30	11 15	4 3/4
Hoist D.S.T. #1	11 3	12 00	3/4
			8
DRILLER'S SIGNATURE			

DATE MARCH 9/64 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	4
DERRICK F. KRIEGER	4
MOTOR E. KRIEGER	4
FLOOR R. VEZEAU	4
FLOOR R. WOODS	4
FLOOR C. McLEOD	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER R. STURM	4
DERRICK F. KRIEGER	4
MOTOR E. KRIEGER	4
FLOOR R. VEZEAU	4
FLOOR R. WOODS	4
Mech. D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahubiski.

SAFETY TALKS - SUBJECT Tearing out Rig

GIVEN BY A. Ewasiuk

№ 13238

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp. Tex. South Peel D-6 DATE March 8 19 64

DAYS FROM SPUD 87 MAILING ADDRESS Edmonton ROAD CONDITIONS _____ WEATHER -38° Wind Calm

№ 13237

DATE March 8/64 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS. DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514		0						15	6 3/4	2 2/8	456			

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.	5007	9.1	48	95												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 500# Gel

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	—	25326	33	100			25338	2560

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514		0		118M	64			15	6 3/4	2 2/8	456		3.565 14.06	42.

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	1	144	25326				25338	2560

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514								15	6 3/4	2 2/8	456			

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	1	144	25326				25338	2560

SURVEYS

DEG.	DEPTH

REMARKS	TIME START	TIME STOP	HRS.
Rig Service & VBOPs	12⁰⁰	12⁴⁵	1/4
Run in Collars	12⁴⁵	1³⁰	1/4
Slip & Cut Drlg. Line	1³⁰	2³⁰	1
Finish in Blow Kelly	2³⁰	5⁰⁰	2 1/2
Circ & Condition Mud	5⁰⁰	7⁰⁰	2
Blow Kelly & Hoist	7⁰⁰	8⁰⁰	1
DRILLER'S SIGNATURE			
Rig Serv VBOP.	8.00	8.15	1/4
Trip out.	8.15	10.30	2 1/4
Rig up Logging Tools.	10.30	11.00	1/2
Logging	11.00	4.00	5
			8
DRILLER'S SIGNATURE			
Logging	4.00	12⁰⁰	8

Ran by Schlumberger.

Dual Induction Laterolog 2"=5/100 - TD - S.Cy.

BHC Integrated Sonic Log 2"=5/100 - 6055' - 1510'

Formation Density Log - 2"=5/100 - 6054 - 3890'

Side wall Neutron Porosity Log - 2"=5/100 - 6054 - 3900

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. Sturm	8
DERRICK F. Krieger	4
MOTOR E. Krieger	4
FLOOR R. Vezeau	4
FLOOR R. Woods	8
FLOOR G. Mallon	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Enaswk	12
DERRICK R. Pearson	12
MOTOR C. Kendall	12
FLOOR M. Shippy	12
FLOOR P. Donoran	12
FLOOR M. Pearman	12

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER R. Sturm	4
DERRICK F. Krieger	4
MOTOR E. Krieger	4
FLOOR R. Vezeau	4
FLOOR R. Woods	4
MECH. O-Shank	12

INJURIES: COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberki

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON/OFF

BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
7 a.m. TOTAL 5'	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	WT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER J. Mahuberki

WATER COST $

CUSTOMER'S COPY

№ 13237

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome JMP TER SOUTH PEEL O-64 DATE MARCH 7 19 74

DAYS FROM SPUD 46 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13236

MIDNIGHT TO 8 AM · 8 AM TO 4 PM · 4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514								15	6 3/4	2 7/8	439			22'

BIT NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
											1	1900	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MIDNT	500	9.0	5	9.5												
4 A.M.	520	9.1	5.2	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 600 # Gel

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	7	1052	25038				24760	2660

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514			118M		64			15	6 3/4	2 7/8	456		SUBS 1406	

BIT NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	545	9.1	46	9.5												
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Caustic
600 lbs Gel

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	9	1196	25782				23338	2660

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514			118M		64			15	6 3/4	2 7/8	456			22

BIT NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	520	9.1	48	9.5												
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	9	1196	25782				24760	2660

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED · ENGINE SHUT-OFF CHECKED · KELLY COCK CHECKED · FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL 7 A.M. 91 GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX
PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Lewanik
APPROVED TOOLPUSHER: J. Makubecki

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL
FINISH IN Dummy	12 00		
TRIP 50' FILL		12 45	3/4
CIRC. & CONDITION MUD RAISE VISC 525-500	12 45	6 45	5 1/2
Dummy TRIP. 25 STANDS	6 45	9 00	1 1/4
DRILLER'S SIGNATURE Ray Sturm			
RIG SERV ✓ BOP	8.00	8 15	1/4
REAM 2 SGLS TO BOTTOM	8.15		
MIX MUD & CIRC.		10.30	2 1/4
TRIP OUT	10.30	1.30	3
PREPARE TOOLS TO LOG	1.30	2.00	1/2
LOGGING	2.00	4.00	2
			8
DRILLER'S SIGNATURE A. Lewanik			
LOGGING	4.00	11 30	7 1/2
TEAR OUT SCHLUMBERGER	11 30	12 00	1/2
(BHC w/Caliper would not go below 3900' w/o w/o Caliper attached.)			
DRILLER'S SIGNATURE Ray Sturm			

DATE MARCH 7/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	8
DERRICK F. KRIEGER	8
MOTOR E. KRIEGER	8
FLOOR R. VEREAU	8
FLOOR G. McLEOD	8
FLOOR R. WOODS	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER R. STURM	4
DERRICK F. KRIEGER	4
MOTOR E. KRIEGER	4
FLOOR R. VEREAU	4
FLOOR G. McLEOD	4
~~FLOOR~~ Mech. D. SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makubecki

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13236

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Tex Imp South Peel O-64 DATE March 6 1974

DAYS FROM SPUD 45 MAILING ADDRESS Edmonton ROAD CONDITIONS _____ WEATHER _____

№ 13235

DATE March 6/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514														

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
												1	1200	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.	385	8.9	5.2	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 3700# Gel 400# Pilter

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	8	1052	25038				24760	2660

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514								15	6 3/4	2 7/8	459			

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
												1	1900	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	390	9	4.8	9.5												
12 NOON	395	9	4.9	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Caustic
500 lbs Gel

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	-										

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6415								15	6 3/4	2 1/8	459			22

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
												1	1900	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	400	9	5	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	8	1052	25038				24760	2660

SURVEYS

DEG.	DEPTH

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
2 TOTAL 2 a.m 4'2"	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

REMARKS	START	STOP	INTVL.
CIRC. & CONDITION Mud	12⁰⁰	5⁰⁰	5
CLEANING TO BOTTOM	5⁰⁰	8⁰⁰	3
AT [redacted] 4767'			
DRILLER'S SIGNATURE R. Sturm			
RIGSERV V BOP	8⁰⁰	8.15	1/4
CLEAN THROUGH @ 4967 & RUN	8.15		
IN 17 STDS TO BOTTOM.		9.15	1
TAG BOTTOM & CIRC.	9.15	11.15	2
TRIP OUT: PUT KELLY ON	11.15		
TO PUMP OUT STANDS		4⁰⁰	4 3/4
(DONATO'S fall mp in on top 45.00)			
DRILLER'S SIGNATURE A. Ewasiuk			
Hoist Pipe - Dummy Trip	4⁰⁰		
Clean out to Bottom 20' Bridged			
Hole.		8⁰⁰	4
CIRC & Condition Hole	8⁰⁰	16⁰⁰	2
Dummy TRIP 25 STDS	10⁰⁰		
CIRC & WORK TIGHT SPOTS		12⁰⁰	2
DRILLER'S SIGNATURE R. Sturm			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. STURM	8
DERRICK E. KRIEGER	8
MOTOR E. KRIEGER	8
FLOOR R. VEZEAU	8
FLOOR G. MCLEOD	8
FLOOR R. WOODS	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4 00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. STURM	4
DERRICK F. KRIEGER	4
MOTOR E. KRIEGER	4
FLOOR R. VEZEAU	4
FLOOR G. MCLEOD	4
Asst. Motor D. SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13235

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Texaco Imp South Peel D64 DATE Mar 5 1974

DAYS FROM SPUD 84 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

№ 13234

DATE Mar 5/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514														

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	154	9.0	5.0	9.5												
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	HURS	8	7	908	24894				24760	2660

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514								15	6¾	2⅞	459			

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
2 P.M.	154	8.8	5.0	9.5												
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Gel 600 lbs

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	HURS	8	7	908	24894				24760	2660

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
1514								15	6¾	2⅞	459			

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
												1	1200	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	210	8.7	5.0	9.5					1200	2P-80	120	6"				
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 2700 lbs Gel 100 lbs Caustic 100 lbs Peltex

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL	B			
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SO MOSC.	FT. DRILLED SINCE SO MOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: J. Mahuberki

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	TIME INTVL
TRIP OUT TO LOG	12⁰⁰	3 30	3½
RIG UP LOGGERS	3 30	4 00	½
WAIT ON LOGGERS to make there repair's on logging Tools.	4 00	800	4
			⅛
			8
DRILLER'S SIGNATURE			
Run in log Tool BRIDGE @ 4087 TEAR OUT Loggers Run in	8⁰⁰	11³⁰	3½
	11³⁰	1 30	2
CIRC & MIX MUD	1 30	3⁰⁰	1½
[redacted] CLEAN OUT	3⁰⁰	4⁰⁰	
BRIDGES			
DRILLER'S SIGNATURE			
RIG SERV & BOP	4.00	4.15	¼
TRIP IN & CLEAN OUT BRIDGES	4.15	8.15	4
COND. MUD @ 4763'	8.15	12.00	3¾
			8

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	A. Lundie	8
DERRICK	H. Hayden	8
MOTOR	A. Collisson	8
FLOOR	R. McCallum	8
FLOOR	G. Kelly	8
FLOOR	C. Bowman	8

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	R. STURM	8
DERRICK	D. SIEBEN	4
MOTOR	E. KRIEGER	4
FLOOR	E. KRIEGER	4
FLOOR	R. VEVEAU	4
FLOOR	R. WOODS	4
FLOOR	C. McLEOD	4

TOUR 3 4:00 P.M. TO MIDNIGHT

		HRS.
DRILLER	A. EWASIUK	8
DERRICK	R. PEARSON	8
MOTOR	C. KENDALL	8
FLOOR	M. SHIPPY	8
FLOOR	P. DONOVAN	8
FLOOR	M. PEARMAN	8
~~FLOOR~~	D. SHANK.	8

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberki

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13234

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME TERRACE TAR SOUTH PEEL D-64 DATE MAR 4 1974

DAYS FROM SPUD 93 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13233

DATE Mar. 4/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SLIPS	FT. MADE KELLY
6514	-	0	-	120M	64			15	6 3/4	2 7/8	456.55		24-26	22'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.									600	8P80/60		6"		8P90		6"
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: BICARBONATE Soda - 600# ALUMINUM Stearate-25
GEL - 3400# PENTEX - 150#
CAUSTIC - 150# HME - 100#

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRI	9	6	764	24750				24760	2660

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	CB FT	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
												1	875	100			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U FLOW O. FLOW

MUD ADDITIVES: GEL - 1800

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRI	9	6	764	24750				24760	2660

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SLIPS	FT. MADE KELLY
6514	6514	-	-	122M	64			15	6 3/4	2 7/8	456.55		24-26	22'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	149	9.0	5.0	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 900#

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRI	8	7	908	24994				24760	2660

SURVEYS

DEG.	DEPTH

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:
APPROVED TOOLPUSHER: J. Mahuberski

WATER COST $

CUSTOMER'S COPY

REMARKS

START	STOP	INTVL.
12 00	8 00	

CIRC. & CONDITION - MUD. — 8

Third load Cuttings in mud Tanks

A Lundle
DRILLER'S SIGNATURE

CIRC & CONDITION MUD	8 00	10 00	5
Dummy TRIP 56 STANDS	10 00	4 00	3
Condition Hole for logging			8

J. Stum
DRILLER'S SIGNATURE

FINISH IN WORK & SNESPAC	5 15	5 35	1/4
CIRC to CONDITION HOLE	5 35	9 30	3 1/4
15 STAND DUMMY TRIP	8 30	9 45	1 1/4
CIRC & CONDITION MUD	9 45	12 00	2 1/4

8

Condition Hole for logging.

G. Kelly
DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	A. Lundle	8
DERRICK	H. Haydon	8
MOTOR	A. Collisson	8
FLOOR	R. McCallum	8
FLOOR	G. Kelly	8
FLOOR	C. Bowman	12

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	R. STURM	12
DERRICK	D. SIEBEN	12
MOTOR	E. KRIEGER	12
FLOOR	F. KRIEGER	12
FLOOR	R. VEZEAU	12
FLOOR		

TOUR 3 4:00 P.M. TO MIDNIGHT

		HRS.
DRILLER	A. Lundle	4
DERRICK	H. Haydon	4
MOTOR	A. Collisson	4
FLOOR	R. McCallum	4
FLOOR	G. Kelly	4
FLOOR		

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13233

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO 11 WELL Home Texaco Inc. South Pool 0-64 DATE Mar 3 1924 № 13232

DAYS FROM SPUD 82 MAILING ADDRESS Edmonton ROAD CONDITIONS Good WEATHER −12°

DATE 11 Mar 3/24 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM 6514 TO — FOOTAGE 0 HRS ON BOTTOM — BIT DRILL PIPE — STANDS — SINGLES — DRILL COLLARS: NO — OD — ID — LENGTH — WT AIR — C & B FT — FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	125	8.8	42	9.5						9P80		6"		9P80		6"
4 A.M.																

WATER ADDED: DESILTER: HRS OP U.FLOW O FLOW

MUD ADDITIVES: GEL − 3600# PELTEX − 100# CAUSTIC − 100# 1 Run w/ Hump Bailer - Sample Skimmy Start Pump at 6:40'

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRT	9	6	764	24750				24760	2660

8 AM TO 4 PM

FROM 6514 TO — FOOTAGE — HRS ON BOTTOM — BIT DRILL PIPE — STANDS — SINGLES — DRILL COLLARS: NO — OD — ID — LENGTH — WT AIR — C & B FT — FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.								5	Run w/ Hump-Bailer - 10 cu ft Skimmy							
12 NOON									Trip at 6:80'							

WATER ADDED: DESILTER: HRS. OP U.FLOW O FLOW

MUD ADDITIVES: Gel-2400# Peltex-200# Caustic-50#

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRT	9	6	764	24750				24760	2660

FROM 6514 TO — FOOTAGE 0 HRS ON BOTTOM — BIT DRILL PIPE — STANDS — SINGLES — DRILL COLLARS: NO — OD — ID — LENGTH — WT AIR — C & B FT — FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

4 PM TO MIDNIGHT

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.										9P80		6"		8P80		6"
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Regained circulation @ 9PM - Lost circ about 3 times during trip in = No obstruction - stopped at 6467' - circ holding good.

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRT	9	6	764	24750				24760	2660

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED — ENGINE SHUT-OFF CHECKED — KELLY COCK CHECKED — FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: [signature]

APPROVED TOOLPUSHER: J. Nahabedian

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	HRS.
Pull out w/ open end.	12 00	2 00	2
Mix Mud	2 00	5 00	3
Rig up Schlumberger	5 00	6 30	1½
Run cement Plug with Schlumberger Dump Bailer	6 30	8 00	1½
			9
R. Lundle DRILLER'S SIGNATURE			
Run cement Plugs w/ Schlumberger 2nd Bailer	8 00	11 00	3
			8
Jas Strum DRILLER'S SIGNATURE			
Run cement Plugs w/	11 00	5 00	1
Wait on cement & Run in to 1500' Fill Hole with 60 BBL Mud -	5 00	9 00	4
Run in Hole	9 00	12 00	3
			8
A Lundle DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundle	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR G. Kelly	8
FLOOR C. Bowden	12

TOUR 2, 8 A.M. TO 4 P.M.

	HRS.
DRILLER R. STURM	12
DERRICK D. SIEBEN	12
MOTOR E. KRIEGER	12
FLOOR F. KRIEGER	12
FLOOR R. VEZEAU	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Lundle	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR R. McCallum	4
FLOOR G. Kelly	4
FLOOR	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nahabedian

SAFETY TALKS SUBJECT Handling of drill pipe etc.

GIVEN BY A. Lundle

№ 13232

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome, TEXACO, Inc. SOUTH Reef D-24 DATE MAR. 2 19 74

DAYS FROM SPUD 81 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

№ 13231

DATE MAR. 2/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM 6514 TO _____ FOOTAGE _____ HRS ON BOTTOM _____ WT. DRILL PIPE _____ STANDS _____ SINGLES _____

DRILL COLLARS: NO. _____ OD _____ ID _____ LENGTH _____ WT AIR _____ C B FT _____ FT UP ON KELLY _____

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS	PUMP NO	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	100	8.8	5.4	9.5						8P80		6"		8P80		6"
4 A.M.																

WATER ADDED: DESILTER: HRS OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 7100 #
Caustic - 50 #
PELTEX 50 #

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WRI	8	5	620	24606				24762	2660

SURVEYS: DEG. _____ DEPTH _____

8 A.M. TO 4 P.M.

FROM 6514 TO _____ FOOTAGE _____ HRS ON BOTTOM _____ WT. DRILL PIPE _____ STANDS _____ SINGLES _____

DRILL COLLARS: NO. _____ OD _____ ID _____ LENGTH _____ WT AIR _____ C B FT _____ FT UP ON KELLY _____

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO	PUMP PRESSURE	S.P.M.	T	B	G
—	—															

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 2200 # PELTEX - 250 # Caustic - 50 #

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WRI	4	5	620	24606				24762	2660

SURVEYS: DEG. _____ DEPTH _____

4 P.M. TO MIDNIGHT

FROM 6514 TO _____ FOOTAGE _____ HRS ON BOTTOM _____ WT. DRILL PIPE _____ STANDS _____ SINGLES _____

DRILL COLLARS: NO. _____ OD _____ ID _____ LENGTH _____ WT AIR _____ C B FT _____ FT UP ON KELLY _____

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	W/ Drill pipe, did not feel anything at 5240 - Intermittent Lump up.															
8 P.M.																

WATER ADDED: Open end D.P. @ 5200 DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Pumped 10661 to formation - still on Vacuum -

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WRI	8	5	620	24606				24762	2660

SURVEYS: DEG. _____ DEPTH _____

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

	GALS.
FUEL ON HAND 12:01 A.M.	
FUEL REC'D TO-DAY	
TOTAL	
FUEL ON HAND 11:59 P.M.	
FUEL USED	

MOTOR	HPS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: _____

APPROVED TOOLPUSHER: _____

WATER COST $ _____

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL
CONDITION MUD.	12 00	3 15	3¼
PUMPED 15 BBLS IN HOLE the graphite & sand out bottom.	3 15	3 30	¼
PULL OUT -	3 30	5 30	2
MIX MUD	5 30	8 00	2½
			8
DRILLER'S SIGNATURE A. Lundle			
WAIT ON BRIDGE PLUG	8 00	12 30	4½
Rig up SCHLUMBERGER &	12 30		
MAKE DUMMY RUN		3 00	2½
Rig to Run BRIDGE PLUG	3 00	4 00	1
DRILLER'S SIGNATURE			
Rig To & Run BRIDGE PLUG & HOIST OUT WITH SCHLUMBERGER LINE STUCK @ 5240 WITH McCULLOUGH SETTING TOOL WORK STUCK TOOL	4 00		
LINE PARTED FROM TOOL		900	
RIG OUT SCHLUMBERGER.	9 00	9 15	
RUN IN 4" DRILL PIPE TO LOCAT LANDING	9 15		
Tool. PUMPED DOWN 40 BBL OF MUD NO HOLDING		12 00	2¾
DRILLER'S SIGNATURE A. Lundle			

TOUR 1 MIDNIGHT TO 8 A.M. HRS.

		HRS.
DRILLER	A. Lundle	8
DERRICK	H. Haydon	8
MOTOR	A. Collisson	8
FLOOR	R. McCallum	8
FLOOR	G. Kelly	8
FLOOR	C. Bowman	12

TOUR 2 8 A.M. TO 4 P.M. HRS.

		HRS.
DRILLER	R. STURM	12
DERRICK	D. SIEBEN	12
MOTOR	E. KRIEGER	12
FLOOR	F. KRIEGER	12
FLOOR	R. VEZEAU	12
FLOOR		

TOUR 3 4 00 P.M. TO MIDNIGHT HRS.

		HRS.
DRILLER	A Lundle	4
DERRICK	H. Haydon	4
MOTOR	A. Collisson	4
FLOOR	R. McCallum	4
FLOOR	G. Kelly	4
FLOOR		

INJURIES: COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nakutski

SAFETY TALKS - SUBJECT Mixing Chemicals

GIVEN BY R. Strum

№ 13231

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO Inc SOUTH PEIK D-64 DATE MAR. 1 19 74

DAYS FROM SPUD 80 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13230

MIDNIGHT TO 8 A.M.

FROM 6514 TO FOOTAGE HRS. ON BOTTOM WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. O.D. I.D. LENGTH WT. AIR C.B. FT. FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
			CAUSTIC – 50#														
			PELTEX – 100#														
			GEL – 2300#														

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.		9								8P80		6"		8P80		6"
4 A.M.												Pumped 60661 # DP on Vac				

WATER ADDED: W/Open ends DP at 6238 DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Ran Plug #8 - 705 SKS P.F cement - 1850 #/gal displaced w/ 40661/5 mud D at 8.8 #/gal - In place at 12:30 AM - No pressure held - D.P on Vacuum.

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRL	8	4	HTC	24462				24762	2660

FROM TO FOOTAGE HRS. ON BOTTOM WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. O.D. I.D. LENGTH WT. AIR C.B. FT. FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: KWIK SEAL – [redacted] 3200-LBS
STARCH – 100# CAUSTIC – 100# PELTEX – 250#
GEL – 2800

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
								Displaced w/ 6660#		KS & Gel mud	

FROM TO FOOTAGE HRS. ON BOTTOM WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. O.D. I.D. LENGTH WT. AID C.B. FT. FT. UP ON

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRL	9	4	476	24462				24762	2660

4 P.M. TO MIDNIGHT

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX
PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:
APPROVED TOOLPUSHER: J. Nakutsuki

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
Run in 5" & run Plug #8	12:00	12:30	1/2
Pull out 8 stds	12:30	12:45	1/4
W O C P & mix mud	12:45	7:30	6 3/4
Pumped down 45 BBLS AO dres.	7:30	8:00	1/2
			8
W.O.C. Plug #8 (5 1/2 hrs)			
A Lundie DRILLER'S SIGNATURE			
Condition mud & mix	8:00		5
Lost circ. material		1:00	
Run in slow	1:00	2:15	1 1/4
ADD & CUT UP RUBBER	2:15		1 1/4
TUBES & POLYTHENE TO			
PIPE & Pump Lost Circ Mat.		4:00	
Ran Plug #1 - Pulled 5" Plastic mat. stuck - entered into open drill pipe at surface - Open end at 60'-2			
mixed 15#/bbl KS, Pull [redacted] DRILLER'S SIGNATURE			
Hoist 10 STANDS	4:00	4:15	1/4
Pump Lost Circ Mat.	4:15	4:45	1/2
Condition mud	4:45	12:00	7 1/4
			8
DRILLER'S SIGNATURE A Lundie			

DATE MAR. 1/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. Lundie	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR G. Kelly	8
FLOOR C. Bowman	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER R. STURM	12
DERRICK D. SIEBEN	12
MOTOR E. KRIEGER	12
FLOOR F. KRIEGER	12
FLOOR R. VEZEAU	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. Lundie	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR R. McCallum	4
FLOOR G. Kelly	4
FLOOR	

INJURIES - COMPLETE BELOW.

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY J. Nakutsuki

№ 13230

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Texaco Imp South Pool D 64 DATE Feb 28 1974

DAYS FROM SPUD 79 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

№ 13229

MIDNIGHT TO 8 A.M.

FROM 6514 TO FOOTAGE HRS ON BOTTOM WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. O.D. I.D. LENGTH WT. AIR C.B. FT. FT. UP ON KELLY

BITS: NO. | SIZE | TYPE | JETS | SERIAL | WT. | R.P.M. | DRILLED OR CORED | DEPTH IN | DEPTH OUT | HRS. | PUMP NO. | PUMP PRESSURE | S.P.M. | T | B | G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.										GPX0		6"		GPX0		6"
4 A.M.																

WATER ADDED: STAFlo - 200# DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES: Gel - 2000#
PelTex - 200#
Caustic - 100#

DRILLING LINE RECORD: SIZE 1 1/8 MAKE WIRE NO. LINES 8 TRIPS 4 TON MILES 476 TOTAL MILES 24462 FEET SLIP OR CUT AT MILES DATE SLIP OR CUT NEXT SLIP 24762 FT. LEFT ON SPOOL 2660

SURVEYS: DEG. | DEPTH

8 A.M. TO 4 P.M.

FROM 6514 TO FOOTAGE HRS ON BOTTOM WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. O.D. I.D. LENGTH WT. AIR C.B. FT. FT. UP ON KELLY

BITS: NO. | SIZE | TYPE | JETS | SERIAL | WT. | R.P.M. | DRILLED OR CORED | DEPTH IN | DEPTH OUT | HRS. | PUMP NO. | PUMP PRESSURE | S.P.M. | T | B | G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.			Kupl	25	661	mud down D.P. for Leak - on Vac										
12 NOON																

WATER ADDED: Ran Plug #6 - 70 SKS DESILTER: HRS. OP. U.FLOW O. FLOW Displaced w/ 65 bbls mud

MUD ADDITIVES: To place at 11:30 A.M - No Pressure - on Vacuum
Gel - 4400# PelTex - 200# Caustic - 100# STAFlo - 200

DRILLING LINE RECORD: SIZE 1 1/8 MAKE WIRE NO. LINES 8 TRIPS 4 TON MILES 476 TOTAL MILES 24462 FEET SLIP OR CUT AT MILES DATE SLIP OR CUT NEXT SLIP 24762 FT. LEFT ON SPOOL 2660

SURVEYS: DEG. | DEPTH

4 P.M. TO MIDNIGHT

FROM 6514 TO FOOTAGE HRS. ON BOTTOM WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. O.D. I.D. LENGTH WT. AIR C.B. FT. FT. UP ON KELLY

BITS: NO. | SIZE | TYPE | JETS | SERIAL | WT. | R.P.M. | DRILLED OR CORED | DEPTH IN | DEPTH OUT | HRS. | PUMP NO. | PUMP PRESSURE | S.P.M. | T | B | G

Open end drill Pipe at 4900'

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	Ran Plug #7 - 70 SKS P.E. cmt displaced w/ 65 bbl - mud. Displace 6 A.M.															
8 P.M.	No pressure increase - D.P. on Vacuum -															

Checked at 20661. down D.P. - No pressure increase, D.P. on Vacuum

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Gel - 1700#

DRILLING LINE RECORD: SIZE 1 1/8 MAKE WIRE NO. LINES 8 TRIPS 4 TON MILES 476 TOTAL MILES 24462 FEET SLIP OR CUT AT MILES DATE SLIP OR CUT NEXT SLIP 24762 FT. LEFT ON SPOOL 2660

SURVEYS: DEG. | DEPTH

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR: 1. 2. 3. 4. 5. 6. — HRS. — NEXT OIL CHANGE

CASING REPORT: RAN & CEM. JTS. CSG. AT FT. WITH SAX
PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:
APPROVED TOOLPUSHER J. Nahuberski

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
W.O.C.P. Plug #4. = Thru	12 00	5 00	5
Run Plug #5	5 00	6 00	1
W.O.C.P. in Mud.	6 00	8 00	2
			8
Displ 3566' Mud & DP - No pressure increase -			
Plug #5 Balanced Cmt 70 SKS - Displace 6 A.M.			
Displaced w/ 8066' Mud. - No pressure increase			
D.P. on Vacuum. - W.O.C - 2 HRS			

DRILLER'S SIGNATURE A. Lundie

WAIT ON CEMENT. Plug #5	8 00		2
(W.O.C Plug #5 - 4 1/2 HRS)		10 00	
Run in & Pump To Check Plug	10 00	10 30	1/2
Rig To & Run Plug # 6	10 30	11 30	1
Haust 10 STNDS	11 30	11 45	1/4
WAIT ON CEMENT	11 45	4 00	4 1/4

DRILLER'S SIGNATURE R. Sturm

WAIT ON CEMENT Plug #7 Thru	4 00	5 45	13/4
Run in & Pump 20 BBLS	5 45		1/4
Drain Pipe		6 00	1/4
Rig To & Run Plug # 7	6 00	6 30	1/2
Haust 6 STANDS	6 30	6 45	1/4
WAIT ON CEMENT	6 45	12 00	5 1/4
			8

W.O.C Plug #7 = 5 1/2 hrs.

DRILLER'S SIGNATURE A. Lundie

DATE Feb 28/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. Lundie	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR G. Kelly	8
FLOOR C. Bowman	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER R. Sturm	12
DERRICK D. Sieben	12
MOTOR E. Krieger	12
FLOOR E. Krieger	12
FLOOR R. Vezeau	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. Lundie	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR R. McCallum	4
FLOOR G. Kelly	4
FLOOR	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nahuberski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13229

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Texaco Imp SouthPeel D64 DATE Feb 27 19 74

DAYS FROM SPUD 78 MAILING ADDRESS Edmonton ROAD CONDITIONS — WEATHER

№ 13228

DATE Feb 27/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	C.B FT	FT UP ON KELLY
6514					48	1								

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	Found	fluid	level	at	1530											

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	125	8.9	5.0	9.5												
4 A.M.																

WATER ADDED:

MUD ADDITIVES: PELTEX — 100#

DESILTER: HRS. OP. U.FLOW O. FLOW

9AM — Felt for Plug — Pipe would not go any wgt @ 6090 — Pump 175 sks - Fluid level @ 1530 — Pump 30 bbls down DP — 110 pressure 1150 — ON. Good Vacuum

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1 1/4	WRI	8	4	476	24469			Feb 21	23630	2660

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	C.B FT	FT UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	Ran Cement Plug #3 - 7058's - 0w - 11.50 Slurry, In place 12 NOON															
12 NOON	Checked at 10:30 MUD - No pressure increase - D.P. on Vacuum.															

WATER ADDED:

MUD ADDITIVES:

DESILTER: HRS. OP. U.FLOW O. FLOW

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1 1/8	WRI	8	4	476	24469				23630	2660

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	C.B FT	FT UP ON KELLY
6514														

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	Ran Permafrost Cement Plug #4 - 70SKS - 16.50# S. Retarded @ 10 PM.															
8 P.M.	Displaced w/ 90 bbls. Mud - No pressure Incr. - D.P on Vacuum															

WATER ADDED: STAF 10 — 100#

MUD ADDITIVES: GEL - 6000#
PELTEX - 50#
CAUSTIC - 50#

DESILTER: HRS. OP. U.FLOW O. FLOW

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1 1/8	WRI	8	4	476	24469	66			23630	2660

REMARKS	START	STOP	INTVL.
WAIT ON CEMENT PLUG	12⁰⁰	8⁰⁰	8
Plug #2 (W.O.C. 17 hrs) A Lundle DRILLER'S SIGNATURE			
WAIT ON CEMENT	8⁰⁰	8³⁰	1/2
RUN IN & FEEL FOR PLUG	8³⁰	9¹⁵	3/4
PULL 17 STANDS & RUN IN 6 STDS	9¹⁵	10⁰⁰	3/4
RIG TO & RUN PLUG # 3	10⁰⁰	12⁰⁰	2
HOIST 10 STANDS	12⁰⁰	12³⁰	1/2
WAIT ON CEMENT Plug #3	12³⁰	4⁰⁰	3 1/2
W.O.C Plug #3 - 8hrs			
Ray Stuart DRILLER'S SIGNATURE			
WAIT ON CEMENT Plug #3	4⁰⁰	8⁰⁵	4 1/2
PUMP F/O 40 BBLS DOWN PIPE	8⁴⁵		
NO PRESSURE GOOD VACUUME		9⁰⁰	1/4
RIG TO RUN Plug #4 & RUN SAME	9⁰⁰	11⁰⁰	2
W.O.C. Plug #4 - 2hrs.	11⁰⁰	12⁰⁰	1
DRILLER'S SIGNATURE			9

TOUR 1 MIDNIGHT TO 8 A.M	HRS.
DRILLER A. Lundle	8
DERRICK H. Hayden	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR G. Kelly	8
FLOOR C. Bowman	12

TOUR 2 8 AM TO 4 PM	HRS.
DRILLER R. STURM	12
DERRICK D. SIEBEN	12
MOTOR E. KRIEGER	12
FLOOR F. KRIEGER	12
FLOOR R. VEZEAU	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. Lundle	4
DERRICK H. Hayden	4
MOTOR A. Collisson	4
FLOOR R. McCallum	4
FLOOR G. Kelly	4
FLOOR	

INJURIES: COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF

BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN 8 3/4" JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER:

WATER COST $

CUSTOMER'S COPY

№ 13228

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP. SOUTH PEEL D-64 DATE FEB. 26 1974

DAYS FROM SPUD 77 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

№ 13227

DATE FEB. 26 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514				94M	69	1	IN THE HOLE OPEN END							

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	11		4.8	8.5												
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Pumped 230 BBls of Mud down Hole.
Del 3800lbs Peltex 100 lbs Caustic 100lbs.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WR	8	3	432	24318				24330	2660

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514														

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. Operations set at 5.45PM -

MUD ADDITIVES: GEL - 4400 #
PELTEX - 50 #
STAVFLO - 25 #

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WIRE	8	4	476	24468				24330	2660

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514														

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	120		5.2	9.5												
8 P.M.																

WATER ADDED: GEL - 5500 # DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: PELTEX - 150 #
CAUSTIC - 100 #
STA-FLOW 150 #

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WIRE	9	4	496	24468				24330	2660

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:
APPROVED TOOLPUSHER: J. Mahebeski

WATER COST $

CUSTOMER'S COPY

REMARKS

REMARKS	START	STOP	INTVL
Rig Serv V-BOP &	12 MN		8
W.O.C		1 00	1
Run in to tech for Plug # 1	1 00	2 15	1 1/4
Found Plug at 6432'			
Hoist 10 stds.	2 15	2 30	1/4
Fill Pipe with mud & Hole.	2 30	3 30	1
Mix Mud Build up Volume.	3 30	8.00	4 1/2 / 8
A. Lewandis DRILLER'S SIGNATURE			
Mix Mud	8 00	1 30	5 1/2
Pump down 75BBls. Mud-Plug not holding.	1 30	1 45	1/4
Rig up to Run Plug & Run SAME.	1 45	3 30	1 3/4
Pull out Ten STDS	3 30	3 45	1/4
W.O.C.P.	3 45	4 00	1/4
Last Cement Plug #2 - Drlrs @ 3:15 PM.			1/4
Displaced w/ 102 bbls mud.			
70sks Q.W. Cement @ 10.50 # Slurry.			
W.O.C 1 1/4 hrs. A. Lewandis DRILLER'S SIGNATURE			
WAIT ON CEMENT (9 1/2 hrs)	4 00	12 00	8

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	A. EWASIUK	8
DERRICK	R. PEARSON	8
MOTOR	C. KENDALL	8
FLOOR	M. SHIPPY	8
FLOOR	P. DONOVAN	8
FLOOR	M. PEARMAN.	8

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	A. Lundle	8
DERRICK	H. Haydon	8
MOTOR	A. Collisson	8
FLOOR	R. McCallum	8
FLOOR	G. Kelly	8
FLOOR	C. Bowman	8

TOUR 3 4 00 P.M. TO MIDNIGHT

		HRS.
DRILLER	R. STURM	8
DERRICK	D. SIEBEN	8
MOTOR	E. KRIEGER	8
FLOOR	F. KRIEGER	8
FLOOR	R. VEZEAU	8
Mud.	D. SHANK.	8

INJURIES, COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES, AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

Ray Sturm DRILLER'S SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahebeski

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 13227

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 25 19 74

DAYS FROM SPUD 76 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13226

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6574				94M	69	1								

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	170	9	5	9.5			Pumped		750 bbls TO ANNULUS							
4 A.M.									250 bbls DOWN D.P. - Pressured Rise 500 # Temporarily							

WATER ADDED: Opened end at 5515' DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Raw Plug #5 - Drill Cut - In place 3 PM. 200 bbls Diesel Used

100 bbls #20, 20 bbls Diesel, 40 bbls Slurry, 20 bbls Diesel, 50 bbls H2O, displaced w/ 206 bbls mud

No pressure rise - D.P. on vacuum. - Mixed 450 # Cal-Seal

SURVEYS: 86 @ 5515' 5 DEG.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	3	432	24318				24330	2660

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
5519					49	1								

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
			3500# GEL														
			100# CAUSTIC														
			150# DELTEX														

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON	157	9.0	5.2	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 4300 lbs gel 100 lbs Caustic 100 lbs Pe Hex

Raw Cement Plug #1 - 500 bbls, 1850 # Slurry, 126 bbls Slurry, Displaced w/ 113 bbls mud - In Place @ 2:00 PM. - D.P. on Vacuum - No pressure rise

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	3	432	24318				24330	2660

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
6514					69	1								

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 4300 lbs gel 50 lbs Peltex

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	3	432	24318				24330	2660

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	✓
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

REMARKS	START	STOP	INTVL.
RIG SERV ✓ B.O.P.	12.00	12.15	¼
COND MUD	12.15	1.45	1½
PUMP down MUD INTO ANNULUS +	1.45		
PIPE		2.00	¼
RUN GEL PLUG + PULL 7 stds	2.00	3.00	1
BUILD VOLUME + MIX MUD	3.00	7.30	4½
TRIP IN 18 STDS.	7.30	8.00	½
			8
A. Ewasiuk DRILLER'S SIGNATURE			
~~RUN IN + FEEL FOR BTM~~	8.00	1.00	5
Cond. MUD			
RUN IN & FEEL FOR BOTTOM	1.00	2.00	1
RUN 50 BAG CEMENT PLUG	2.00	2.45	¾
PULL TEN STDS.	2.45	3.15	½
W.O.C.P	3.15	4.00	¾
			8
W.O.C - PLUG #1 - 9⅛ hrs.			
located @ 5514 KB A. Ewasiuk DRILLER'S SIGNATURE			
W.O.C.P. & GENERAL CLEAN UP OF RIG & EQUIPMENT	4.00	12.M	8
W.O.C Plug #1 - 9⅛ hrs.			
A. Ewasiuk DRILLER'S SIGNATURE			

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: J. Makuberski

WATER COST $

CUSTOMER'S COPY

DATE FEB 25 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS. DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundie	12
DERRICK H. Hayden	12
MOTOR A. Collisson	12
FLOOR R. McCallum	12
FLOOR G. Kelly	12
FLOOR C. Bowman	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
~~Mech.~~ FLOOR D. SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makuberski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13226

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 24 19 74

DAYS FROM SPUD 75 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

№ 13225

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514				94M	69	1								

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S P M	LINER	PUMP # 2 PRESS	MODEL	S P M	LINER
12 MN.	165	8.9	5	9.5												
4 A.M.																

WATER ADDED: DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES: 2500 lbs gel 100 lbs Kelex
50 lbs Caustic

Opened IBS out at 6360—

SURVEYS: DEG. DEPTH →

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8			24174				24330	2660

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY
6514				94M	68	1								

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S P M	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON	135	9.0	5.0	9.5							Opened IBS @ 6360 →					

WATER ADDED: DESILTER: HRS. OP U FLOW O. FLOW

MUD ADDITIVES: Gel - 3500#
Poltex - 50#
Caustic - 50#

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	HART	9	3	432	24818				24330	2660

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	C B FT	FT UP ON KELLY
					69	1								

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

4 PM TO MIDNIGHT

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
4 P.M.			Opened IBS set at 6320							BUILD VOLUME 1800 lbs gel						
8 P.M.			Used 2000 bbl Diesel.							50 lbs Caustic 50 lbs Poltex						

WATER ADDED: Ran Plug Diesel-Gel #4. DESILTER: HRS OP Approx 6320 CO. F. 8 PM O. FLOW

MUD ADDITIVES: 100 bbl H2O, 200 bbl Diesel, 43 bbls slurry, 200 bbls Diesel, 500 bbl water
Displaced w/ 640 bbls mud. Lost 200 bbls displ pressure increased
500 PSIG while pump - broke up - pipe on vacuum - 450 # Gel/bbl.

SURVEYS: DEG. TO DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓	FUEL ON HAND 12:01 A.M.	GALS.
ENGINE SHUT-OFF CHECKED		FUEL REC'D TO-DAY	GALS.
KELLY COCK CHECKED		TOTAL	GALS.
FIRE EQUIP. CHECKED		FUEL ON HAND 11:59 P.M.	GALS.
		FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	HRS.
~~COND MUD~~ RIG SERV / BOP	12.00	12.15	¼
COND MUD + PREPARE TO	12.15		
RUN GEL PLUG No 2. + RUN			
SAME.		4.00	3¾
MIX MUD	4.00	8.00	4
Used 200 bbls Diesel Fuel			8
Used-Gel Plug #2 - 70 lbs. Explos	4AM		
200 bbl water, 200 bbl Diesel, 400 bbls Slurry, 200 Diesel			
500 bbl water - Displ w/ 500 bbl mud - 450 #/bbl.			
DRILLER'S SIGNATURE No Measure Use			
RIG SERV	8.00	8.15	¼
RUN IN NINE STDS	8.15	9.00	¾
RUN GEL PLUG #3	9.00	11.15	2¼
PULL TEN STDS	11.15	12.00	¾
COND. MUD.	12.00	4.00	4
Used 200 bbl diesel fuel. D Lundle			9
Ran Diesel Plug #3 & 70 lbs - Explos	11:15 AM		
100 bbl H2O, 200 bbl Diesel - 400 bbl slurry, 200 bbl Diesel			
5 bbl WATER - Displ 500 bbl mud - 450 #Gel/bbl			
Pressur Rise at 400 bbls Displ - up to 500 Psig			
DRILLER'S SIGNATURE			
rising drill Pipe only - pulled 8 stds - pumped - plug freed - pipe on Vacuum.			
COND. MUD & WATON Plug #3	4.00	5.30	1½
RUN IN 10 STDS	5.30	6.00	½
RUN Plug #4	6.00	7.30	1½
PULLED 9 STDS	7.30	8.00	½
COND MUD	8.00	11.30	3½
RUN SINKER BAR TO ESTIMATE	11.30	12.00	½
& MUD LEVEL IN PIPE.			8
DRILLER'S SIGNATURE			

DATE FEB 24 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M		HRS.
DRILLER	A. EWASIUK	8
DERRICK	R. PEARSON	8
MOTOR	C. KENDALL	8
FLOOR	M. SHIPPY.	8
FLOOR	P. DONOVAN	8
FLOOR	M. PEHRMAN.	12

TOUR 2 8 A.M TO 4 P.M		HRS.
DRILLER	A. Lundle	12
DERRICK	H. Haydon	12
MOTOR	A Collisson	12
FLOOR	R. McCallum	12
FLOOR	G. Kelly	12
FLOOR	G. Bowman	12

TOUR 3 4:00 P.M TO MIDNIGHT		HRS.
DRILLER	A. EWASIUK	4
DERRICK	R. PEARSON	4
MOTOR	C. KENDALL	4
FLOOR	M. SHIPPY	4
FLOOR	P. DONOVAN	4
MECH ~~ELEC~~	D SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13225

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 23 1974

DAYS FROM SPUD 74 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____ № 13224

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514					16	2							

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	160	9	4.8	9.5												
4 A.M.																

WATER ADDED: DESILTER: HRS OP U.FLOW O FLOW

MUD ADDITIVES: 2000 lbs gel 50 lbs Caustic 50 lbs Peltex

Turn Rods #1 & #2 Pumps Pumped & Circulated - TOTAL 18 66 1/2

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	2	2.88	241.74	33	24030	FEB 21	24330	2660

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
					16	2							

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	139	9.0	4.2	9.5												
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	2	2.88	241.74	33	24030	FEB 21	24330	2660

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
				94M	69	1							

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.			USED 200 BBLS					Diesel Fuel								

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Rec Diesel Plug #1 - 70 SKS Gel. - In place at 9.05

Pumped 206 BBL H2O, Follow 266 BBL Diesel, 516 BBL Slurry 266 BBLS Diesel

106 BBLS Water, 556 BBLS Slurry MUD - Rig 11. 10 STDS - 400# Gel/BBL - No Pressure Rise

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	2	2.88	241.74	33	24030	FEB 21	24330	2660

SURVEYS

DEG.	DEPTH

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % BUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC	FT DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR _____ APPROVED TOOLPUSHER J. Makuloski

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
MIXING MUD	12.00	1.30	1½
PUMP DOWN PILL (20 BBLS) &	1.30		
TRIP OUT 52 STDS. 16 STDS + 2 SINGLES IN HOLE.		4.00	2½
BUILD UP VOLUME + MIX MUD	4.00	8.00	4
			8
SHOCK SUB 511 3/4 HRS.			
JARS 305 3/4 HRS			
BLADE STAB: 212 HRS			
A. Ewasiuk DRILLER'S SIGNATURE			
RIG UP CEMENTING UNIT	8.00	12.00	4
UNIT ON CEMENTER -	12.00	4.00	4
			8
Street Serviceman - W. Donatho -			
and was plane at 5 PM - Feb 23			
A Lunde DRILLER'S SIGNATURE			
UNIT ON CEMENTER	4.00	5.30	1½
RUN IN OPEN END	5.30	7.15	1¾
RIG UP TO RUN Gel Plug #1	7.15		
RUN SAME.		9.45	2½
PULL OUT 10 STDS.	9.45	10.00	¼
BUILD VOLUME + MIX MUD	10.00	12.00	2
			8
No Pressure Rise			
A Lunde DRILLER'S SIGNATURE			

DATE FEB 23. 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS. DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. Ewasiuk	8
DERRICK R. Pearson	8
MOTOR C. Kendall	8
FLOOR M. Shippy	8
FLOOR P. Donovan	8
FLOOR M. Pearmain	12
TOUR 2 8 A.M. TO 4 P.M.	**HRS.**
DRILLER A. Lundie	12
DERRICK H. Haydon	12
MOTOR A. Collisson	12
FLOOR R. McCallum	12
FLOOR G. Kelly	12
FLOOR C. Bowman	12
TOUR 3 4 00 P.M. TO MIDNIGHT	**HRS.**
DRILLER A. Ewasiuk	4
DERRICK R. Pearson	4
MOTOR C. Kendall	4
FLOOR M. Shippy	4
FLOOR P. Donovan	4
~~FLOOR~~ D. Shank.	12

INJURIES. COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makuloski

SAFETY TALKS / SUBJECT _____

GIVEN BY

№ 13224

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 22 1974

DAYS FROM SPUD 73 MAILING ADDRESS EDMONTON ROAD CONDITIONS GOOD WEATHER COLD

№ 13223

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6515				92M	68	2								

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	200	88	5.2	9.5												
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL-5000 CAUSTIC-100 PELTEX-150
KWIK SEAL-30 SAX=1200#

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	2	288	24174	33	24030	FEB 21	24330	2660

4 AM TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514				92M	68	2								

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.										8P80		6"		8P80		6"
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL-5600# CAUSTIC-100#
PELTEX-150#
KWIK SEAL-2880 lbs.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	2	288	24174	33	24030	FEB 21	24330	2660

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514				92M	68	2								

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Caustic - 100 lbs
PelTex - 150 lbs
Gel - 6580 lbs

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	2	288	24174	33	24030	FEB 21	24330	2660

SURVEYS

DEG.	DEPTH

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

	GALS.
FUEL ON HAND 12:01 A.M.	
FUEL REC'D TO-DAY	
TOTAL	
FUEL ON HAND 11:59 P.M.	
FUEL USED	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT. RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:
APPROVED TOOLPUSHER: J Mahubiri

WATER COST $

CUSTOMER'S COPY

REMARKS	START	STOP	INTVL.
RIG SERV V BOP.	12.00	12.15	1/4
FINISH UP ON PICKING UP SINGLES.	12.15	1.00	3/4
PUMP DOWN PILL. 165 BBLS	1.00	1.30	1/2
MIX MUD.	1.30	8.00	6½ / 8
(IN THE HOLE WITH OPEN END) at 6492.			
A. Lundie DRILLER'S SIGNATURE			
MIX LOST CIRC. PILL	8.00	9.45	1¾
PUMP DOWN PILL - 215 BBLS	9.45	10.30	¾
MIX LOST CIRCEL PILL	10.30	4.00	5½ / 8
A. Lundie DRILLER'S SIGNATURE			
FINISH MIXING PILL	4.00	6.15	¼
PUMP PILL DOWN 140 BBLS	6.15	6.31	¼
MIX MUD	6.30	12.00	7½ / 8
Total 5206 bbl To Form. - 36 hrs. W/ 11#/bbl K. Seal. M E Consor.			
DRILLER'S SIGNATURE			

DATE FEB 22 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundie	12
DERRICK H. Haydon	12
MOTOR A. Collisson	12
FLOOR R. McCallum	12
FLOOR G. Kelly	12
FLOOR C. Bowman	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
~~FLOOR~~ D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J Mahubiri

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13223

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP. SOUTH PEEL O-64 DATE FEB 21 1974

DAYS FROM SPUD 72 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

Nº 13222

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	FT. LBS.	FT.
6506	—	—						15	6 3/4	2 1/4	459		37.51	21

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1B	6 3/4	◇		EC87310												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	~~45~~	~~11~~														
4 A.M.																

WATER ADDED: 240 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 5100 lbs gel 150 lbs paltex
100 lbs Caustic 240 lbs Quick Seal

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRI	8	1		24030				23941	2660

SURVEYS

DEG.	DEPTH

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	FT. LBS.	FT.
6514					63	2		15	6 3/4	2 7/8	459		37.51	21

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1B	6 3/4	◇		FC87310												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	148	9.1	3.8	9.5						8P80		6"		8P90		6"
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 6000# QUICK SEAL - 420#
CAUSTIC - 100#
PELTEX 150#

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRI	8	1		24030				23941	2660

SURVEYS

DEG.	DEPTH

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
6514														

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW Pump #2

MUD ADDITIVES: Core #1 - 6067 - 6514 = 447 Cut Rec 447

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
		WRI	8	2		24174	33	24030		24330	2660

SURVEYS

DEG.	DEPTH

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: _____

APPROVED TOOLPUSHER: _____

WATER COST $

CUSTOMER'S COPY

REMARKS

RIG SERV W/ ROP
MIX MUD & CHEMICALS TO BRING VISC UP TO 150

320 STDS TO FILL PIPE.

Talk formation 5936/5
Kick-Seal 1st/866

DRILLER'S SIGNATURE

TIME	START	STOP	INTVL.
RIG SERV	8.00	8.15	1/4
Pump Down Lost Circ Plug	8.15	9.00	3/4
All Mud	9.00	2.40	5 3/4
Pull out Core Brls	2.40	4.00	1 1/4
			8
Key Seat at 5012' - 15 stds.			
C. Lundle DRILLER'S SIGNATURE			
FINISH Pulling out	4.00	6.30	2 1/2
RECOVER CORE	6.30	7.15	3/4
Servicing & lay down Core Bbl.	7.15	9.15	2
Slip 33' Drill Line	9.15	9.30	1/4
Run in Hole Open End Pipe.	9.30		
and Pick up Singles.		12.00	2 1/2
Ream hole w/ 10" Rev. = 75615 -			8
TOTAL TO From = 6681/6			
DRILLER'S SIGNATURE			

DATE FEB 21 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundie	12
DERRICK H. Haydon	12
MOTOR A. Collisson	12
FLOOR R. McCallum	12
FLOOR G. Kelly	12
FLOOR C. Bowman	12

TOUR 3 4.00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. Pearson	4
MOTOR C. Kendall	4
FLOOR M. Shippy	4
FLOOR P. DONOVAN	4
Mech. D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL T. Makuberdi

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

Nº 13222

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 20 19 74

DAYS FROM SPUD 71 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13221

DATE FEB 20 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. MADE KELLY
6469	6472	5	2	118M	63	—		15	6¾	2⅞	459			39

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1B	6¾	O		EC87310	10M	75	2			2	1	1500	58		JN	
	1B																

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.									1500	8P80	58	6				

WATER ADDED:

DESILTER: HRS OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	1	144	24030				23941	2660

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. MADE KELLY
6472	6502	30	4¾	118m	63	1		15	6¾	2⅞	459		37.51	38

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1C	6¾	O	—	EC87310	12m	80	35			9¾	1	1500	60			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	124	9.6	42	9.5					1500	9P80	60	6"		8P80		6"
12 NOON	115	9.6	4.2	9.5												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: CAUSTIC - 50#
STAYFLO - 50#

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	1	144	24030				23941	2660

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. MADE KELLY
6502	6514	12	2¼		63	1		15	6¾	2⅞	459		37.51	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1B	6¾	O		EC8713K	12m	80	35			12	1	1500	60		JN	
								47									

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	123	9.6	38	9.5												
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: CAUSTIC - 50# GEL 4300#
QUICK SEAL 140# PELTEX 50#

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8								2660

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: J. Makubecki

WATER COST $

CUSTOMER'S COPY

REMARKS	START	STOP	INTVL.
RIG SERV ✓ B.O.P.	12.00	12.15	¼
MAKE UP + SERV CORE BARRELL	12.15	1.00	¾
TRIP IN	1.00	4.00	3
CLEANING TO BOTTOM	4.00	6.00	2
CUTTING CORE #1	6.00	8.00	2
			8

DRILLER'S SIGNATURE

RIG SERV & B.O.P. CHECK.	8.00	8.15	¼
CUT CORE #1	8.15	4.00	7¾
			8

A. Lundie
DRILLER'S SIGNATURE

CUTTING CORE #1	4.00	4.30	½
RIG SERV.	4.30	4.45	¼
CUT CORE #1	4.45	6.30	1¾
LOST CIRC. MIX MUD +	6.30		
BUILD VOLUME		9.30	3
PUMP DOWN 185 BBLS. NO RETURN	9.30	10.00	½
MIX MUD + BUILD VOLUME	10.00	12.40	2
			8

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	8

TOUR 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundie.	12
DERRICK H. HAYDON	12
MOTOR A. Collisson	12
FLOOR R. McCALLUM	12
FLOOR G. KELLY	12
FLOOR C. BOWMAN	12

TOUR 4 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY P. DONOVAN	4
FLOOR M. PEARMAN	4
~~MESH~~ FLOOR D. SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makubecki

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13221

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO 11 WELL DOME TEX IMP SOUTH PEEL O-64 DATE FEB 19 19 74

DAYS FROM SPUD 70 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13220

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	STDS	FT. UP ON DRILL
6396	6444	48	7½	118	63	1		15	6¾	2¼	469		43.31	24

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	18	8½	J55	3-13	56742	38	38	552			7½	1	1650	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	130	9.7	3.6	9.5					1750	8"80	120	6"				
4 A.M.	120	9.7	3.8	9.5					1750	8"80	120	6"				

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1000. LBS. GEL 50 LBS STAFIO
50 LBS - CAUSTIC
TURN PUMP RODS IN #1 PUMP 1/4 TURN

SURVEYS	DEG.	DEPTH
	6410	7°

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR1	8			23886				23941	2660

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	STDS	FT. UP ON DRILL
6444	6467	23	7½	118	63	2		15	6¾	2¼	459		43.31	33

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	18	8½	J55	2-13 1-14	56742	38	42	[illegible] 575			8½	1	1650	110			D.K

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	130	9.7	4	9.5					1750	[illegible]	120	6"				
12 NOON	125	9.7	4	9.5					1650	8"80	110	6"				

WATER ADDED: 50 BBLS.

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1000 lbs gel 50 lbs pelter 50 lbs Caustic

SURVEYS	DEG.	DEPTH
	7°	6472

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR1	8			23886				23941	2660

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	STDS	FT. UP ON DRILL
6469	6467	0	¼	118	63	2		15	6¾	2⅛	459		37.19	33

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	18	8½	J55	2-13-14	56742	38	42	575		6469	8¾	1	1700	120	1	1	1

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.									1700	8"80	120	6"		8"80		6"
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 600 lbs gel 50 lbs starch

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR1	8			23886				23941	2660

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL	✓			
PIPE RAMS.	✓			
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	✓
FIRE EQUIP. CHECKED	✓

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL 1 a.m. 3' 8"	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Makahoki.

APPROVED TOOLPUSHER: Ed Johnson

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
DRILL 8½" HOLE W/KELLY COCK	12 00	2 00	2
RIG SERVICE + U.B.O.P.'s + SURVEY	2 00	2 30	½
DRILL 8½" HOLE	2 30	8 00	5½
SHOCK SUB HRS. 511¾			
TARCO JARS HRS. 305-3/4			
BLADE STAB. HRS 148¼			
SLOW PUMP RATE 675 PSI 60 SPM.			
DRILLER'S SIGNATURE			
RUN SURVEY RIGSERV W.B.O.P.	8 00	8.30	½
DRLG	8.30	4 00	7½
PUMP @ 60 S.P.M.: P.S.I.: 700			
DRILLER'S SIGNATURE			
DRILLING	4 00	4 15	¼
CIRC.	4 15	6 00	1¾
PULL OUT STM	6 00	10 00	4
PICK UP CORE BBLS	10 00	12 00	2
			8
Correct Pipe Talley.			
Board - 5959.58 - Measure - 5933.67 - Diff - 26 ft.			
DRILLER'S SIGNATURE			

DATE FEB 19/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	8

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR M. PEARMAN	8

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER A. LUNDIE.	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR R. McCALLUM	8
FLOOR G. KELLY	8
WELDER D. SHANK	12

INJURIES - COMPLETE BELOW:

Frank C. Bowman 8

I HAVE READ THE ABOVE REPORT AND HAVE NOTED ALL INJURIES AND ACCIDENTS THAT OCCURRED DURING MY TOUR. ANY INJURIES NOT REPORTED TO SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

A. Makahoki.

TOOL PUSHER'S APPROVAL Ed Johnson

SAFETY TALKS - SUBJECT

BLOW OUT DRILL

GIVEN BY TRAY STURM

№ 13220

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Tr: Imp South Peel D-64 DATE Feb 18 19 74

DAYS FROM SPUD 69 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER Temp -35 Wind W@3 V.z ¼mi. overcast L.T. SNOW

№ 13219

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON SELLY
6225	6285	60	7½	115M	61	1		5	6¾	2⅞	459		43.31 ON

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	19	8½	J55	3-13 1-14	56742	37M	38	393			35¼	1	1650	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
12 MN.	125	9.7	3.8	9.5					1650	8P80	110	6"				
4 A.M.	100	9.7	3.8	9.5					1650	8P80	120	6"				

WATER ADDED: 2000 gals 35 20 SBL. DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES: 200 LBS. Gel 50 LBS. Caustic 50 LBS. Staflo

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR	8			23886				23941	2660

FROM	TO	FOOTAGE	HRS ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON SELLY
6285	6340	55	7½	116M	62	1		15	6¾	2⅞	459		43.31 ON

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	18	8½	J55	3-13 1-14	56742	37M	42	448			6½	1	1650	110		J	N
	19	8½															

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	130	9.7	3.6	9.5					1650	8P80	110	6				
12 NOON	110	9.7	3.6	9.5					1650	8P80	110	6"				

WATER ADDED: 1" stream DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Caustic

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR	8			23886				23941	2660

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON SELLY
6340	6396	56	7½	116,000	62	2		15	6¾	2⅞	459		3 JBS 43.31

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	18	8½	J55	3-13 1-13	56742	37	40	504			70	1	1930	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS.	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	100	9.7	3.6	9.5					1650	8P80	120	6"				
8 P.M.	90	9.7	3.8	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Staflo 50 lbs Caustic 600 lbs. gel

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR	8			23886				23941	2660

BOP

	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	FEB 19
FIRE EQUIP. CHECKED	FEB 19

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL 4'6"	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	CLASSIFICATION 1	2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL
DRILL 8½" HOLE	12 00	7 30	7½
SURVEY	7 30	8 00	½
SHOCK SUB HRS. 489½			
VARCO BARS HRS. 293½			
BLADE STAB. HRS. 116			
SLOW PUMP RATE 700 PSI @ COSTA			
DRILLER'S SIGNATURE			
PULL OUT SURVEY. RIG SERV. V/BOP.	8 00	8 15	¼
DRLG	8 15	4 00	7¾
			8
RUN SURVEY, RIG SERV. V/B.O.P.	4 00	4 30	½
DRLG	4 30	12 00	7½
DRILLER'S SIGNATURE			

SURVEYS	DEG.	DEPTH
	7°	6280
	7°	6347

DATE Feb 18/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	12

TOUR 2 8 A.M. TO 4 P.M	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER R. STURM	4
DERRICK D. SIEBEN	4
MOTOR E. KRIEGER	4
FLOOR F. KRIEGER	4
FLOOR T. WILSON	4
FLOOR D. SHAWK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13219

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO 11 WELL Dome Imp Tex South Peel D-64 DATE Feb 18 19 74

№ 13297

DAYS FROM SPUD _____ MAILING ADDRESS _____ ROAD CONDITIONS _____ WEATHER _____

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O D	I D	LENGTH	WT AIR	C B FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S P M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O D	I D	LENGTH	WT AIR	C B FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O D	I D	LENGTH	WT AIR	C B FT	FT UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S P M	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: E. Johnson

APPROVED TOOLPUSHER: Ed Johnson

WATER COST $

CUSTOMER'S COPY

REMARKS

Travel Time From Rig #11 To Edmonton

R. Sturm
DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

TIME	START	STOP	INTVL
	8	HRS	

DATE Feb 19 74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR E. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. CUCHEK	8

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER	
DERRICK	
MOTOR Travel Time From	
FLOOR Rig #11 Dome Tex Imp	
FLOOR South Peel D-64 To	
FLOOR Edmonton	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER	
DERRICK	
MOTOR	
FLOOR	
FLOOR	
FLOOR	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL Ed Johnson

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13297

PLANT RIG NO. 11 DOME TEX LTD. DATE DEC 12 81

ADDRESS EDMONTON ROAD CONDITIONS WEATHER Temp -35 Winds 43 km/h

No 13219

DATE DEC 12 81 RIG NO 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

HOLE	STANDS	SINGLES	NO.	O.D.	I.D.	LENGTH	WT. AIR	STRING	FT. OF PIPE
A	61	1	5"	6 3/4	2 1/4	459		4131	DP

TYP	LINER SIZE	OIL SIZE	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

DESILTER: HRS. OP. U.FLOW O. FLOW

DEG.	DEPTH
1°	6390

HOLE	STANDS	SINGLES	NO.	O.D.	I.D.	LENGTH	WT. AIR	STRING	FT. OF PIPE
A	62	1	15	6 3/4	2 1/4	459		4131	DP

TYP	LINER SIZE	OIL SIZE	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
			1650	F1300	70	6"				
			1150	F800	70	6"				

DESILTER: HRS. OP. U.FLOW O. FLOW

DEG.	DEPTH

HOLE	STANDS	SINGLES	NO.	O.D.	I.D.	LENGTH	WT. AIR	STRING	FT. OF PIPE
A	62	2	15	6 3/4	2 1/4	459		4590	DP

TYP	LINER SIZE	OIL SIZE	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
			1950	F1300	70	6"				

DESILTER: HRS. OP. U.FLOW O. FLOW

DEG.	DEPTH
1°	6341

REMARKS	TIME START	TIME STOP	HRS.
DRILL 8 1/2" HOLE	12 00	1 30	1 1/2
SURVEY	1 30	2 00	1/2
CHECK BOP HRS. 489 1/2			
VARCO BARS HRS. 283 1/2			
BLADE STAB. HRS. 116			
SLOW PUMP RATE 100 1ST @ 600 PSI			
DRILLER'S SIGNATURE			
PULL OUT SURVEY, RIG REPAIR VBOP	2 00	5 15	3 1/4
DRLG	5 15	7 00	1 3/4
			5
DRILLER'S SIGNATURE			
RUM SURVEY, RIG REPAIR VBOP	4 00	4 30	1/2
DRLG	4 30	12 00	7 1/2

DRILLER'S SIGNATURE

	HRS.
DRILLER K. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUSHEK	12

	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHEPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

	HRS.
DRILLER K. STURM	4
DERRICK D. SIEBEN	4
MOTOR E. KRIEGER	4
FLOOR F. KRIEGER	4
FLOOR T. WILSON	4
FLOOR D. SHAWK	12

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOOL	HRS.	SIGNATURE

TOOLPUSHER APPROVAL

SAFETY TALKS - SUBJECT

FUEL ON HAND 12:01 A.M.	GALS.		HRS.	NEXT OIL CHANGE
FUEL REC'D TO-DAY	GALS.	1.		
TOTAL 4'6"	GALS.	2.		
		3.		

RAM & CEM. JTS. CSG. AT FT. WITH SKS

PLUG 5" PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DOWNOMATIC CHECKED

SAFETY SHUT-OFF CHECKED

FULLY COCK

POOR COPY

...SON ARCTIC DRILLING COMPANY RIG No. 4

SPUD 6 9 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER Temp -35 Winds 6 S Light Snow Overcast No. 13219

DATE Jan 6/69 RIG 4

| | | |

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp Tex South Peel D-64 DATE Feb 17 19 74

DAYS FROM SPUD 68 MAILING ADDRESS Edmonton Box 11422 ROAD CONDITIONS Good To Hutchied N. wx WEATHER -24 wind W@2 vis Fog/Frost/Cor

No 13218

DATE Feb 17/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
6080	6124	44	7½	114M	59	2		15	6¾	2¼	459		43.31	47.31

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
18	8½	J55	3-13 1-14	56742	38		23¼			33¼	1	1650	110			1/16

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	120	9.7	3.8	9.5					1500	8P80	120	6"				
4 A.M.	125	9.7	3.6	9.5					1500	8P80	110	6"				

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 2200 LBS. Gel 50 LBS - Caustic 50 LBS - Stafio - 100 LBS - Pipetex

Turn Pump Rod

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	7/8	WIRE	8			23886				23941	8660

SURVEYS

DEG.	DEPTH
7°	6099

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
6125	6175	50	7	115M	60	1		15	6¾	2¼	459		43.31	25

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
18	8½	J55	3-13 1-14	56742	38	48	28¾			40¼	1	1650	110			1/16

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	138	9.7	3.8	9.5					1650	8P80	110	6"				
12 NOON	130	9.7	3.8	9.5					1650	8P80	110	6"				

WATER ADDED: ½ Stream

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 120 lbs HME

Turn Pump Rods #1

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	7/8	WIRE	8			23886				23941	2660

SURVEYS

DEG.	DEPTH
7°	6130
7°	6160

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
6175	6225	50	7½	115	60	2		15	6¾	2¼	459		43.31	27

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
18	8½	J55	3-13 1-14	56742	38	48	233			47¼	1	1650	110			1/16

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	125	9.7	3.8	9.5					1650	8P80	110	6"				
8 P.M.	125	9.7	5.8	9.5					1650	8P80	110	6"				

WATER ADDED: ½ Stream

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Stafio

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	7/8	WIRE	8			23886				23941	2660

SURVEYS

DEG.	DEPTH
7°	6220

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL	✓			
PIPE RAMS.	✓			
BLANK RAMS.				

TOTCO RING (ON)/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 7:01 A.M.	2'3" GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER:

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
Drill 8½" Hole	12:45	3:00	3
Rig Service ✓ B.O.P & Survey	3:00	3:30	½
Drill 8½" Hole	3:30	8:00	4½
Shock Sub Hrs. 467½			
Varco Jars Hrs. 261½			
Blade Stab. Hrs. 94			
Slow Pump Rate 700 PSI @ 60 S.P.M.			
DRILLER'S SIGNATURE			
Run Survey. Rig Serv ✓ B.O.P.	8:00	8:30	½
Drlg	8:30	1:30	5
Run Survey.	1:30	2:00	½
Drlg	2:00	4:00	2
			8
DRILLER'S SIGNATURE			
Drlg	4:00	11:00	7
Rig Service ✓ B.O.P's & Survey	11:00	11:30	¾
Drill 8½" Hole	11:30	12:00	½
Slow Pump Rate 700 PSI @ 60 SPM			
Turn Pump Rods #1 Pump			
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR E. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	12

TOUR 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. STURM	4
DERRICK D. SIEBEN	4
MOTOR E. KRIEGER	4
FLOOR E. KRIEGER	4
FLOOR T. WILSON	4
MISCH. FLOOR D. SHANK	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

No 13218

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Imp Tex South Peely DATE Feb 16 19 74

DAYS FROM SPUD 67 MAILING ADDRESS Edmonton ROAD CONDITIONS _____ WEATHER Temp -16 Windmax Visibility

No. 13217

DATE Feb 16/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	S DCS	FT. UP ON KELLY
5936	5987	51	7 3/4	110,000	58	1		15	6 3/4	2 1/8	459		43.31	18

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	14	8 1/2	J 55	2/13	56742	33	33	95			11 1/4	1	1600	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	120	9.8	3.8	9.5					1800	8 P 80	120	6"				
4 A.M.	125	9.8	3.4	9.5					1900	8 P 80	110	6"				

WATER ADDED: 75 BBL DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 45-00 LBS - Gel - 15-0 LBS - STAFIO

100 LBS - Caustic Twice - pump - 100s

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WR1	4	—	—	23886				23911	2660

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	S DCS	FT. UP ON KELLY
5987	6032	45	7 1/2	112M	58	2		15	6 3/4	2 1/8	459		43.31	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	18	8 1/2	J 55	7-14	56742	38	48	140			18 1/4	1	1650	110		J N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	120	9.7	3.6	9.5					1500	8 P 80	110	6"				
12 NOON	125	9.7	3.6	9.5					1650	8 P 80	110	6"				

WATER ADDED: 1/2 Chem. DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Dehex 50 lbs Caustic 1200 lbs Gel

SURVEYS	DEG.	DEPTH
	6 3/4	6005
	7.	6036

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WR1	8	—	—	23886				24186	2660

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	S DCS	FT. UP ON KELLY
6032	6080	48	[illegible]	112,000	58	2		15	6 3/4	2 1/8	459		43.31	25

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	19	8 1/2	J 55	7/12	56742	38	40	188			25 1/4	1	1650	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	120	9.7	3.8	9.5					1550	8 P 80	110	6"				
8 P.M.	130	9.7	3.8	9.5					1550	8 P 80	110	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Changed oil + Filters in #2 site pump.

SURVEYS	DEG.	DEPTH
	7°	6066

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WR1	8	—	—	23946				24186	2660

8 AM TO 4 PM

4 PM TO MIDNIGHT

REMARKS	TIME START	TIME STOP	TIME INTVL.
R.S SERVICE ✓ B.O.P's & KELLY COCK	12 00	12 45	3/4
DRILL 9 1/2" HOLE	12 45	4 00	3 1/4
MIDNITE FEB 15/74			
SHOCK SUB HRS. 445-1/4			
JARCO JARS HRS 239 1/4			
BLADE STAB. HRS 73 3/4			
SLOW PUMP RATE 800 P.S.I. 60 S.P.M.			
DRILLER'S SIGNATURE			
DRLG	8.00	11.30	3 1/2
RUN SURVEY. RIGSERV ✓ BOP.	11.30	12.00	1/2
DRLG	12.00	4.00	4
			8
PUMP 1/2 SPEED 60 SPM. 800 PSI			
DRILLER'S SIGNATURE			
RUN SURVEY, RIGSERV, ✓ B.O.P.	4.00	4.30	1/2
DRLG.	4.30	9 00	4 1/2
SURVEY @ 6066 7°	9 00	9 30	1/2
DRILL 8 1/2" HOLE	9 30	12 00	2 1/2
			8
SLOW PUMP RATE 100 @ 60 SPM			
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KAIEDER	8
FLOOR F. KAIEDER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	8

TOUR 2 8 AM TO 4 PM	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KIENDALL	12
FLOOR M. SHIPPY	12
FLOOR D. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER R. STURM	4
DERRICK D. SIEBEN	4
MOTOR E. KRIEGER	4
FLOOR F. KRIEGER	4
FLOOR T. WILSON	4
~~MECH~~ FLOOR D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL	✓			
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 14 HRS.

CROWNOMATIC CHECKED ✓

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED ✓

FIRE EQUIP. CHECKED

	GALS.
FUEL ON HAND 12:01 A.M.	
FUEL REC'D TO-DAY 7 a m [illegible]	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4. Oil + Filters		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER Ed Johnson

WATER COST $

CUSTOMER'S COPY

TOOLPUSHER'S APPROVAL Ed Johnson

SAFETY TALKS - SUBJECT

GIVEN BY

No. 13217

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome TEX IMP SOUTH PEEL O-64 DATE FEB 15TH 1974

DAYS FROM SPUD 66 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

№ 13216

DATE FEB 15 74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
5841	5892	51	7	110,000	57	1		15	6¾	2¼	459		5005 43.31

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8½	M44	3/13	491330	30,000	40	51			62¾	1	1800	110	8	8	0/4

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	120	9.9	3.6	95					1900	8P80	120	6"				
4 A.M.	120	9.9	3.	95					1800	8P80	120	6"				

WATER ADDED: 10 BBL DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1000 LBS BEL 50 STY TC

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR	4	4	725	23760				23941	2810

SURVEYS

DEG.	DEPTH
7½	5849

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
5892	5936	44	3½	110	57	2		15	6¾	2¼	459		5005 43.31 21'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	18	8½	J55	3-13	56742	35	38	44			3½	1	1600	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	120	9.8	4	95					1400	8P80	120	6"				

WATER ADDED: DESILTER. HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WR1	4	—	—	23996	66 650	2388	FEB 13/74	24146	2660

SURVEYS

DEG.	DEPTH

REMARKS

REMARKS	START	STOP	INTVL.
DRILL 9½" HOLE	12⁰⁰	1⁰⁰	1
RIG SERVICE W.B.O.R & SURVEY	1⁰⁰	1 30	½
DRILL 8½" HOLE	1 30	7 30	6
HOIST BIT #17	7 30	8⁰⁰	½
			8
MID. NITE FEB 14/74			
SHOCK SUB 434¾ HRS ARS 229¾ HRS			
BLADE STAB. 63¼ HRS			
DRILLER'S SIGNATURE			
TRIP OUT.	8.00	11.00	3.
LAY DOWN - CUT OFF DAMAGED	11.00		
REAMING REAMER & REPLACE SAME		11.30	½
RUN IN COLLARS SLIP & CUT LINE	11.30	12.30	1
TRIP IN SLOW -	12.30	3.30	3
REAMING BRIDGE @ 4934	3.30	4.00	½
			8
DRILLER'S SIGNATURE			
REAMING BRIDGE FROM 4934	4.00		
TO 5060		5.30	1½
RUN IN 10 STDS	5.30	6.00	½
REAMING UNDER GUAGED HOLE	6.00	8⁰⁰	2
DRILL 8½" HOLE	8⁰⁰	11⁰⁰	3
SURVEY @ 5933 7⅞	11⁰⁰	11 30	½
DRILL 8½" HOLE	11 30	12⁰⁰	½
TURN PUMP RODS =1			
Change Oil Change Motor Oil			
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER T. STORM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR D. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. STURM	4
DERRICK D. SIEBEN	4
MOTOR E. KRIEGER	4
FLOOR F KRIEGER	4
FLOOR T. WILSON	4
MECH D SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL Ed Johnson

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL	✓			
PIPE RAMS.	✓			
BLANK RAMS.	—			

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	✓
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: _____

APPROVED TOOLPUSHER: Ed Johnson

WATER COST $ _____

CUSTOMER'S COPY

№ 13216

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEX IMP SOUTH PEEL O&G DATE FEB 14 19 74

DAYS FROM SPUD 65 MAILING ADDRESS EDMONTON ROAD CONDITIONS GRAVEL-FEW CRACKS WEATHER COLD - [redacted].

№ 13215

DATE FEB 14/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	CUM. WT.	FT. UP OR OFF BOTTOM
5697	5742	45	7 1/4	109	5	5212.83		15	6 3/4	2 1/2	459		43.31	13

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	9 7/8	HTC	3/13	491520	28	40	231			46 1/4	1	1650	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	125	9.8	3.6	9.5					1650	8-P80	110	6"		8-P80		6"
4 A.M.	125	9.8	3.6	9.5					1650	8-P80	110	6"		8-P80		6"

WATER ADDED: 70 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 3500 LBS GEL 100 LBS CAUSTIC 100 LBS STY-110

SURVEYS

DEG.	DEPTH
7 3/4	5724

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WORT	8	4	725	2976				23941	2870

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	CUM. WT.	FT. UP OR OFF BOTTOM
5742	5789	47	7 1/4	110M	5C	1		15	6 3/4	2 1/8	459		43.81	34

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8 1/2	M88	3-13	491520	30	46	278			48	1	1800	120		1	N.

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	120	9.7	4	9.5					1650	8-P80	110	6"				
12 NOON	130	9.7	4	9.5					1650	8-P80	110	6"				

WATER ADDED: 1/4 sk DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 800 lbs Gel 50 lbs Stop-Flow

SURVEYS

DEG.	DEPTH
7 3/4°	5787

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WORT	8	8	725	2376				23941	2870

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	CUM. WT.	FT. UP OR OFF BOTTOM
5789	5841	52	7 3/4	110M	5C	2		15	6 3/4	2 1/8	459		43.81	8'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8 1/2	M88	3-13	491520	32	46	330			55 1/4	1	1800	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	125	9.8	3.8	9.5					1800	8-P80	120	6"		8-P80		
8 P.M.	120	9.8	3.8	9.5					1800	8-P80	120	6"		8-P80		

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 600 lbs gel

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WORT	8	9	125	2376				23941	2815

REMARKS

	START	STOP	INTVL.
Rig Service & B.O.P's	12 00	12 15	1/4
Drill 8 1/2" Hole	12 15	4 00	3 3/4
Survey @ 5724 7/8	4 00	4 30	1/2
Drill 8 1/2" Hole	4 30	8 00	3 1/2
Turn Pump Rods #1			
Driller's Signature [redacted]			
Rigserv & BOP	8 00	8 15	1/4
Drlg	8 15	3 30	7 1/4
Run Survey	3 30	4 00	1/2
			8
Turn Pump Rods #1			
Driller's Signature [redacted]			
Rig Serv & BOP	4 00	4 15	1/4
Drlg	4 15	12 00	7 3/4
Driller's Signature [redacted]			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER H. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR M. PEARMAN	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
MECH D SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

DRILLER'S SIGNATURE [redacted]

TOOLPUSHER'S APPROVAL Ed Johnson

SAFETY TALKS - SUBJECT

GIVEN BY

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL	✓			
PIPE RAMS.	✓			
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 7 1/4 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	✓
FIRE EQUIP. CHECKED	

		MOTOR	HRS.	NEXT OIL CHANGE
FUEL ON HAND 12:01 A.M.	GALS.	1.		
FUEL REC'D TO-DAY	GALS	2.		
TOTAL	GALS.	3.		
FUEL ON HAND 11:59 P.M.	GALS.	4.		
FUEL USED	GALS.	5.		
		6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: [redacted]

APPROVED TOOLPUSHER: Ed Johnson

WATER COST $

CUSTOMER'S COPY

№ 13215

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Tex Imp South Peel DATE FEB 13 1974

DAYS FROM SPUD 64 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

№ 13214

DATE FEB 13 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT IN OR REELI	FT LEFT ON REEL
5554'	5603'	45	6	108	54	2		15	6¾	2¼	459		43.31	27

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	9½	M84	3/13	491520	30000	40	92			18¼	1	1900	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	125	9.8	3.8	9.5					1200	8P80	120	6"	1900	2NRS	120	6"
4 A.M.	125	9.8	3.8	9.5					1200	8P80	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 LBS STAYFLO

LOST 130 BBLS TO FORMATION

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRR	4	4	925	23760				23941	2810

SURVEYS

DEG.	DEPTH
7¾	5570
9	5680

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT IN OR REELI	FT LEFT ON REEL
5603	5647	44	7¾	109M	55			15	6¾	2¼	459		48.81	25

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8¾	M88	3-13	491520	25	40	136			26	1	1900	110		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	130	9.8	3.8	9.5								6"			90	6"
12 NOON	120	9.8	4	9.5								6"			90	6"

WATER ADDED: 1 strean DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1900 lbs Gel
150 lbs Caustic 100 lbs Kelite 50 lbs Stayflo

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRR	4		925	23760				23941	2810

SURVEYS

DEG.	DEPTH

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT IN OR REELI	FT LEFT ON REEL
5649	5663	14	7½	109	55	1		15	6¾	2¼	459		48.81	11

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8¾	M88	3-13	491520	20	40	196			33½	1	1900	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	125	9.8	3.6	9.5					1650	8P80	116	6				
8 P.M.	110	9.8	4.	9.5					1650	8P80	110	6"				

WATER ADDED: 45 BBL DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 4100 LBS - Gel 50 LBS STAYFLO

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRR	4	4	925	23760				23941	2910

SURVEYS

DEG.	DEPTH
8°	5663

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON / OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

	GALS.
FUEL ON HAND 12:01 A.M.	
FUEL REC'D TO-DAY	
TOTAL	
FUEL ON HAND 11:59 P.M.	
FUEL USED	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. / P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:
APPROVED TOOLPUSHER:

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
DRILL 8½" HOLE	12	2:30	2½
Rig SERVICE w B.O.P's SURVEY	2:30	3	½
DRILL 8½" HOLE	3	4	1
CIRC SAMPLE	4	5	1
DRILL 8½" HOLE	5	7:00	2
Survey @ 5560' ¾°	7:00	7:30	½
Drill 8¾" Hole	7:30	8	½
DRILLER'S SIGNATURE			
RIG SERV ✓ BOP.	8:00	8:15	¼
DRLG.	8:15	4:00	7¾
			8
Rig Inspected by Greg Wood Cons. Eng. 13 Feb 74. Satisfactory B Wood.			
DRILLER'S SIGNATURE			
DRLG	4:00	6:00	2
RUN SURVEY RIG SERV ✓ B.O.P.	6:00	6:30	½
DRLG	6:30	12	5½
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR E. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR B. PEARMAN.	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. STURM	4
DERRICK D. SIEBEN	4
MOTOR E. KRIEGER	4
FLOOR E. KRIEGER	4
FLOOR T. WILSON	4
MECH D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13214

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME TEX IMP SOUTH PEEL D-64 DATE FEB 12 19 74

DAYS FROM SPUD 62 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13213

DATE FEB 12/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT UP ON STRING
5511		—	—	106	53	2		15	6 3/4	2 1/8	459		4831

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8 1/2	M88	3-13	491520				5511							IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	150	9.8														
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	8	725	23760				23941	2818

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT UP ON STRING
5511	5530	19	4 3/4	106	53	2		15	6 3/4	2 1/8	459		43.31

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8 1/2	M88	3/13	491520	25	45	19			4 1/4	1	1400	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	150	9.8	3.6	9.5					1800	8 P80	120	6"				
12 NOON	150	9.8	3.6	9.5					1800	8 P80	120	"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WRI	8	8	725	23760				23941	2818

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT UP ON STRING
5530	5558	28	7 1/2	107M	54			15	6 3/4	2 1/8	459		43.31

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	17	8 1/2	M88	3-13	491520	30	50	47			12 1/4	1	1800	120		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	160	9.8	3.6	9.5					1800	8 P80	120	6"				
8 P.M.	155	9.8	3.6	9.5					1800	8 P80	120	"				

WATER ADDED: 1/2 strength DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Caustic

SURVEYS

DEG.	DEPTH
7/4	5538

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4PM TO MIDNIGHT

REMARKS	TIME START	TIME STOP	INTVL
RIG SERV	12 00	12 15	1/4
BLOW KELLY & PULL OUT.	12 15	2 30	2 1/4
LAY DOWN BOOT STAB. & PICK UP	2 30		
UP BLADE STAB.		3 30	1
TIGHT FROM 4133	3 30	8 00	4 1/2
			8
C Lundell DRILLER'S SIGNATURE			
REAM TIGHT SPOTS to	8 00		3
~~Bottom~~ 5190'		11 00	
RIG SERVICE & B.O.P	11 00	11 15	1/4
DRILL 8 1/2" HOLE	11 15	~~12 00~~	4 1/4
			8
Ray Sturm DRILLER'S SIGNATURE			
DRLG	4 00	6 00	2
RUN SURVEY. RIGSERV & BOP	6 00	6 30	1/2
DRLG	6 30	12 00	5 1/2
			8
A Lavoie DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. Lundie	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR R. MCCALLUM	8
FLOOR G. KELLY	8
FLOOR C. BOWMAN	8

TOUR 8 A.M. TO 4 P.M.	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHER	8

TOUR 4 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY, P. DONOVAN	8
FLOOR B. PEARMAN	8
Mech. D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TOUR I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J Makubski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13213

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

		MOTOR	HRS.	NEXT OIL CHANGE
FUEL ON HAND 12:01 A.M.	GALS.	1.		
FUEL REC'D TO-DAY	GALS.	2.		
TOTAL	GALS.	3.		
FUEL ON HAND 11:59 P.M.	GALS.	4.		
FUEL USED	GALS.	5.		
		6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: Ray Sturm

APPROVED TOOLPUSHER J Makubski

WATER COST $

CUSTOMER'S COPY

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Texaco Imp South Peel D-64 DATE FEB 11 1974

DAYS FROM SPUD 62 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

Nº 13212

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. UP ON KELLY
5385	5430	45	7¼	106	52	2		15	6¾	2⅞	459		44.40	24

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	J44	3-14	49608	33	50	321			49¼	1	1700	120		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	125	9.9	4.0	9.5					1700	9P80	120	6"		9P80		6"
4 A.M.	119	9.8	4.2	9.5												

WATER ADDED: DESILTER: HRS. OP. 4½ U.FLOW 10.2 O. FLOW 9.8

MUD ADDITIVES: STAY FLOW - 50# 3 gal/min

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	7	610	23695				23941	2810

SURVEYS

DEG.	DEPTH
7°	5415'

REMARKS

	START	STOP	INTVL.
RIG SERV B.O.P. CHECK	12⁰⁰	12¹⁵	¼
DRILLING	12¹⁵	5⁰⁰	4¾
SURVEY	5⁰⁰	5³⁰	½
DRILLING	5³⁰	8⁰⁰	2½
			8

O. Lundie
DRILLER'S SIGNATURE

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. UP ON KELLY
5425	5475	40	7¼	106	53	1934		15	6¾	2⅞	459		44.40	24

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	J44	3/14	49608	33	50	366			57¼	1	1700	120		Ran	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	125	9.8	3.6	9.5					1700	9P80	120	6"				
12 NOON	125	9.8	3.6	9.5					1700	9P80	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	7	610	23695				23941	2810

SURVEYS

DEG.	DEPTH

DRILLING	1	11⁰⁰	3
DRILL 8½" HOLE	11⁰⁰	11¹⁵	¼
RIG SERVICE & B.O.P's	11¹⁵	4⁰⁰	4¾
DRILL 8½" HOLE			

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. UP ON KELLY
5425	5511	36	7	106	53	2		15	6¾	2⅞	459		44.40	14

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	J44	3/14	49608	30	50	402			1.44¼	1	1700	120		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	125	9.8	3.6	9.5					1700	8P40	120	6"		9P80		6"
8 P.M.	130	9.8	3.8	9.5												

WATER ADDED: 10. BBL DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 LBS Caustic Soda

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	7	610	23695				23941	2810

SURVEYS

DEG.	DEPTH
7¼	5476
8¼	5507

Ran Stevens
DRILLER'S SIGNATURE

Rig SERVICE & B.O.P. & SURVEY	4⁰⁰	4³⁰	½	
DRILL 8½" HOLE	4³⁰	10³⁰	6	
SURVEY	10³⁰	11⁰⁰	½	
DRILLING	11⁰⁰	12⁰⁰	1	
			7½	

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON)/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: Ran Stevens

APPROVED TOOLPUSHER: J. Mahuberski

WATER COST $

CUSTOMER'S COPY

DATE FEB 11/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. Lundie	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR C. Kelly	8
FLOOR C. Bowman	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER ~~R.~~ STURM	12
DERRICK D. Siebert	12
MOTOR E. Krieger	12
FLOOR F. Krieger	12
FLOOR T. Wilson	12
FLOOR M. Bushek	12

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER A. Lundie	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR R. McCallum	4
FLOOR C. Kelly	4
~~FLOOR~~ D. SHANK.	12.

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberski

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

Nº 13212

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO FOX SOUTH PEEL D.64 DATE FEB 10 19 74

DAYS FROM SPUD 61 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13211

DATE FEB 10/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES		NO	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. UP ON KELLY
5232	5280	48	7¼	100M	51	4744.89	DRILL COLLARS	15	6¾	2¼	459		44.40	29

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	J44	9-14	49608	30-40M	55	171			28	1	1700	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	210	9.8	3.6	9.5					1700	8P80	120	6"		8P80		6"
4 A.M.	150	9.8	3.8	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	7/8	WRE	8	7	610	22695				23941	2810

SURVEYS

DEG.	DEPTH
6 3/4	5262

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES		NO	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. UP ON KELLY
5280	5328	48	7	100M	51	1	DRILL COLLARS	15	6¾	2⅞	459		44.40	21

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	J44	3/14	49608	30,000	50	219			35	1	1700	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	225	9.8	4.2	9.5					1700	8P80	120	6"				
12 NOON	225	9.8	3.6	9.5					1700	8P80	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 5-0. STYFLO 100 LBS SOAD ASH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	7/8	WRE	8	7	610	23195				23941	2810

SURVEYS

DEG.	DEPTH
6 1/4	5292
6 1/4	5324

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES		NO	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. UP ON KELLY
5328	5385	57	9¼	104M	52	1	DRILL COLLARS	15	6¾	2⅞	459		44.40	41

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	J44	3/14	49608	38M	50	276			42½	1	1700	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	150	9.8	36	9.5					1700	8P80	120	6"		8P80		6"
8 P.M.	134	9.9	36	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	7/8	WRE	8	7	610	23695				23941	2810

SURVEYS

DEG.	DEPTH
7°	5385

REMARKS

	START	STOP	INTVL.
RIG SERV	12 AM	12 15	¼
DRILLING	12 15	4 30	4¼
SURVEY	4 30	5 00	½
DRILLING	5 00	8 00	3
			8

DRILLER'S SIGNATURE

DRILL 4½" HOLE	8 00	10 00	2
RIG SERVICE W.B.O.P.'S & SURVEY	10 00	10 30	½
DRILL 4½" HOLE	10 30	3 00	4½
SURVEY @ 5324 6¼°	3 00	3 30	½
DRILL 8½" HOLE	3 30	4 00	½

DRILLER'S SIGNATURE

RIG SERVICE & B.O.P.'S	4 00	4 15	¼
DRILL 4½" HOLE	4 15	11 30	7¼
SURVEY	11 30	12 00	½

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. LUNDIE	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR R. McCALLUM	8
FLOOR G. KELLY	8
FLOOR C. BOWNIAN	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER R. STURM	12
DERRICK D. SIEBEN	12
MOTOR E. KRIEGER	12
FLOOR F. KRIEGER	12
FLOOR T. WILSON	12
FLOOR M. BUCHEK	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. LUNDIE	4
DERRICK H HAYDON	4
MOTOR A. COLLISSON	4
FLOOR R. McCALLUM	4
FLOOR G. KELLY	4
Mech. FLOOR D. SHANK.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT B.O.P Drill

GIVEN BY R. Sturm

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE WT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

№ 13211

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome, Texaco Imp. South Peel D64 DATE FEB 9 19 74

DAYS FROM SPUD 60 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

№ 14020

DATE FEB 9/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES
5109	5149	40	6¼	98	49	2

DRILL COLLARS: NO. 15 | O.D. 6¾ | I.D. 2⅞ | LENGTH 459 | WT. AIR | FT. 44.40 | FT. PUT IN KELLY 20

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
16	9½	J44	3-14	49608	30-25	55	40	5109		6¼	1	1650	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.									1650	8P80	120	6"		8P80		6"
4 A.M.	205	9.9	4	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 400 lbs Gel.

SURVEYS

DEG.	DEPTH
7°	5139

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	7	610	23195				23941	2810

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES
5149	5199	40	7¼	98,000	50	2

DRILL COLLARS: NO. 15 | O.D. 6¾ | I.D. 2⅞ | LENGTH 459 | WT. AIR | FT. 44.40 | FT. PUT IN KELLY 11

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
16	9½	J44	3/14	49608	25	52	80			13½		1900	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	270	9.9	4	95					1900	8P80	120	6"				
12 NOON	270	9.9	4	95												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 2300#

SURVEYS

DEG.	DEPTH
6¾	5169

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	7	610	23695				23941	2810

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES
5189	5232	43	9¾	100M	50	1

DRILL COLLARS: NO. 15 | O.D. 6¾ | I.D. 2⅞ | LENGTH 459 | WT. AIR | FT. 44.40 | FT. PUT IN KELLY 41

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
16	9½	J44	3/14	49608	25	55	123			20¾	1	1700	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	260	9.9	4	95					1900	8P80	120	6"				
8 P.M.	250	9.8	3.6	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH
6¾	5232

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	7	610	23695				23941	2810

REMARKS

	START	STOP	INTVL.
FINISH RUNNING IN	12⁰⁰	1⁰⁰	1
RIG SERV	1⁰⁰	1¹⁵	¼
DRILLING	1¹⁵	6¹⁵	5
SURVEY	6⁴⁵	6⁴⁵	½
DRILLING	6⁴⁵	8⁰⁰	1¼
			⅛

A. Lundie
DRILLER'S SIGNATURE

RIG SERVICE & B.O.P.	8⁰⁰	8¹²	¼
DRILL 8½" HOLE	8¹²	11⁴³	3½
SURVEY @ 5169	11⁴³	12¹³	½
DRILL 8½" HOLE	12¹³	4⁰⁰	3¾

Ray Sturm
DRILLER'S SIGNATURE

DRILL 8½" HOLE	4⁰⁰	6⁰⁰	2
RIG SERVICE & B.O.P's	6⁰⁰	6¹³	¼
DRILL 8½" HOLE	6¹²	11³⁰	5¼
SURVEY	11³⁰	12⁰⁰	½

DRILLER'S SIGNATURE

TOUR 1, MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie.	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR G. Kelly	8
FLOOR C. Bowman	12

TOUR 2, 8 A.M. TO 4 P.M.

	HRS.
DRILLER R. Sturm	12
DERRICK D. Siegen	12
MOTOR E. Krieger	12
FLOOR F. Krieger	12
FLOOR T. Wilson	12
FLOOR M. Buchek	12

TOUR 3, 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Lundie	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR R. McCallum	4
FLOOR G. Kelly	4
~~FLOOR~~ MECH D. Shank	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL T. Nakubishi

SAFETY TALKS SUBJECT _____

GIVEN BY _____

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL HRS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: M. Dorsten

APPROVED TOOLPUSHER: T. Nakubishi

WATER COST $

CUSTOMER'S COPY

№ 14020

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 8 19 74

DAYS FROM SPUD 59 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14019

DATE FEB 8/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SLIDS	FT. KELLY
5018	5054	36	7¼	96	48	2		15	6¾	2 7/16	459		31.18	31

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
15	9⅞	S86	3/4 4/4	463204	22	60	154			3¾	1	1800	120		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	310	9.9.	40	9.5					1800	8"X10	120	6"		8"X10		6"
4 A.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 1900 lb. 50# Peltex SHOCK SUB - 29 7/8 HRS JARS - 93 HRS STAB. 27¼ HRS

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TOW MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRT	8	6	506	23541				23941	2810

SURVEYS

DEG.	DEPTH
6°	5032

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SLIDS	FT. UP ON KELLY
5054	5100	46	7	96	49	1		15	6¾	2 7/16	459		31.18	25

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
16	9⅞	S86	4/4 4/4	463204	22-18	50	200			34½	1	1800	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	320	9.9	3.6	8.5					1800	8"X8"	120	6"				6"
12 NOON	330	9.9	3.6	9.5+					1800	8"X8"	120	6"				

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TOW MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRT	8	6	506	23541				23941	2810

SURVEYS

DEG.	DEPTH
6°	5065
6½	5094

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SLIDS	FT. UP ON KELLY
5100	5109	9	2¾	96	49	1		15	6¾	2 7/16	459		31.18	25

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
16	9⅞	S86	4/4	463204	20	50	209	4900	5109	3¾	1	1800	120	1	1	1
10	6½	PDC	3-14	496084												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	220	9.9	3.6	9.5					1800	9"X8"	120	6"				
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TOW MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRT	8	6	606	23541				23941	2310

SURVEYS

DEG.	DEPTH

REMARKS

TIME START	TIME STOP	INTVL.	REMARKS
12⁰⁰	1¹⁵	1¼	Drilling 8½ Hole.
1¹⁵	1³⁰	¼	Rig Serv + B.O.P. Check.
1³⁰	2⁰⁰	½	Survey
2⁰⁰	8⁰⁰	6	Drilling
			DRILLER'S SIGNATURE
8⁰⁰	10⁰⁰	2	Drill 8½" Hole
10⁰⁰	10³⁰	½	Rig Service + B.O.P. + Survey
10³⁰	2⁰⁰	3½	Drill 8½" Hole
2⁰⁰	2³⁰	½	Survey @ 5094 6½°
2³⁰	4⁰⁰	1½	Drill 8½" Hole
			DRILLER'S SIGNATURE
4⁰⁰	4¹⁵	¼	Rig Service + B.O.P's
4¹⁵	7⁰⁰	2¾	Drill 8½" Hole
7⁰⁰	9¹⁵	2¼	Blow Kelly + Hoist
9¹⁵			Pick up 3 point Reamer
	10³⁰	1¼	Boot Stair
10³⁰	12⁰⁰	1½	Run in with Rit #16
			DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 AM

	HRS.
DRILLER A. LUNDIE	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR R. McCALLUM	8
FLOOR G. KELLY	8
FLOOR C. BOWMAN	12

TOUR 2 8 AM TO 4 PM

	HRS.
DRILLER R. STURM	12
DERRICK D. SIEBEN	12
MOTOR E. KRIEGER	12
FLOOR F. KRIEGER	12
FLOOR T. WILSEN	12
FLOOR M. BUCHEK	12

TOUR 3 4 PM TO MIDNIGHT

	HRS.
DRILLER A. LUNDIE	4
DERRICK H. HAYDON	4
MOTOR A. COLLISSON	4
FLOOR R. McCALLUM	4
FLOOR G. KELLY	4
~~Mud Floor~~ D. SHANK	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL G. Mahuberli

SAFETY TALKS SUBJECT

GIVEN BY

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓	FUEL ON HAND 12:01 A.M.	GALS.
ENGINE SHUT-OFF CHECKED	✓	FUEL REC'D TO-DAY	GALS.
KELLY COCK CHECKED		TOTAL	GALS.
FIRE EQUIP. CHECKED	✓	FUEL ON HAND 11:59 P.M.	GALS.
		FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M./P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: G. Mahuberli

WATER COST $

CUSTOMER'S COPY

№ 14019

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D64 DATE FEB 7 1974

DAYS FROM SPUD 58 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14018

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR		FT. UP ON KELLY
4900	4910	10	5½	94	47	1		15	6¾	2¼	459		5485 / 31.18	12

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
15	8½	S86	3/14 3/14 3/14	463044	25	50	10	4900		5½	1	1800	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	TRIPPING								1800	8P80		6"		8P80		6"
4 A.M.	330	10.2	4	9.5												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 1600 lbs.
CAUSTIC - 50 lbs
SHOCK SUB - 27¾ JARCO JARS - 71½ STAR 5½

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	HURT	8	6	306	23541	337		FEB 2	23941	2810

SURVEYS

DEG.	DEPTH

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR		FT. UP ON KELLY
4910	4960	50	7½	96	47	2		15	6¾	2¼	459		5485 / 31.18	18'

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
15	9¼	S86	3/14 3/14 3/14	463044	30	50	60			13	1	1800	120		Dress	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	300	10	4.2	9.5					1400	8P80	70	6 11		8P80		6 11
12 NOON	320	10	3	8.5					1800	8P80	120	6 11				

WATER ADDED: 60 BBL

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 3 SXS GEL 15 LBS CAUSTIC
5 LBS STAFLO

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	HURT	8	6	306	23541				23941	2810

SURVEYS

DEG.	DEPTH
6°	4939

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR		FT. UP ON KELLY
4960	5018	58	7	96	48	1		15	6¾	2¼	459		5005 / 31.8	29

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	9¼	S86	3/14 3/14 3/14	463044	25	60	108			20	1	1800	120		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.									1800	8P80	120	6"		8P80		6"
8 P.M.	307	9.9	4.0	9.9												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 2100#
STAY FLOW - 50#

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	HURT	8	6	306	23541				23941	2810

SURVEYS

DEG.	DEPTH
6°	4990
5¼	5001

B O P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT.	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: M. Mitchell

APPROVED TOOLPUSHER: T. Nahuberki

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	TIME INTVL.
FINISH RUNNING IN	12 00	12 30	½
RIG SERV & B.O.P. CHECK.	12 30	12 45	¼
DRILLING	12 45	5 00	4¼
CHANGE WASH PIPE & PACKING	5 00	6 45	1¾
DRILLING	6 45	8 00	1¼
			8
A Lundie DRILLER'S SIGNATURE			
DRILL 8½" HOLE	8 00	12 15	4¼
RIG SERVICE & C.O.P. & SURVEY	12 15	12 45	½
DRILL 8½" HOLE	12 45	4 00	3¼
Don Sturm DRILLER'S SIGNATURE			
DRILL 8½" HOLE	4 00	5 00	1
RIG SERVICE C.O.P.'S & SURVEY	5 00	5 30	½
DRILL 8½" HOLE	5 30	9 30	3
SURVEY	9 30	9 00	½
DRILLING	9 00	12 00	3
			8
T Nahuberki DRILLER'S SIGNATURE			

DATE FEB 7/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. LUNDIE.	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR R. McCALLUM	8
FLOOR G. KELLY	8
FLOOR C. BOWMAN	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER R. STURM	12
DERRICK D. SIEBEN	12
MOTOR E. KRIEGER	12
FLOOR E. KRIEGER	12
FLOOR T. WILSON	12
FLOOR M. BUCHEK	12

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER A. Lundie.	4
DERRICK H. Haydon	4
MOTOR A Collisson	4
FLOOR R. McCallum	4
FLOOR G. Kelly	4
~~FLOOR~~ Mech. D. SHANK.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL T. Nahuberki

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14018

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOUGLAS ISLAND SOUTH PEARL 0-64 DATE FEB 6 19 74

DAYS FROM SPUD 57 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14017

DATE FEB 6/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	SLIDS	FT. UP ON KELLY
4811	4854	43	7¾	92 m	46	2		15	6¾	2 7/8	459		23.53	26

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	14	9½	M44N	3/4 16	5485021	35	60	99			16¾	1	1800	120		1/1	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	42	16.2	3.4	9.5					1800	8P80	120	6"		8P80		6"
4 A.M.	43	16.2	3.6	9.6												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SHOCK SUB: 25 9¾ JARCO JARS 55 ¾

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8		457	23442	35	0		23653	2910

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	SLIDS	C.B. FT	FT. UP ON KELLY
4854	4899	35	7¼	94m	47	—		15	6¾	2 7/8	459	23.53		11

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	14	9½	M44N	3/4 16	4980021	28	50	134			24½	1	RED	120		1/1	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	44	10.2	4	9.5					1800	9P90	120	6"				
12 NOON	44	10.2	4	9.5					1800	9P90	120	6"				

WATER ADDED: 10 BBL DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8		457	23442			23653		2910

SURVEYS

DEG.	DEPTH
5¾	4900

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	SLIDS	FT. UP ON KELLY
4899	4900	11	2¾	94m	47	—		15	6¾	2 7/8	459		31 18	28

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	14	9½	M44N	3/4 16	4980021	28	50	144		4900	26¾	1	1850	120	4	1	1
	15	9½	M44N	3/4 16	4980077												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.									1850	8P80	120	6"				
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	4		467	23442			23653		2910

SURVEYS

DEG.	DEPTH

8 P.M. TO 4 A.M.

BOP's	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON)/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS ½ % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: APPROVED TOOLPUSHER: J. Makuberski

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
DRILLING	12 00	3 00	3
RIG SERV B.O.P. CHECK	3 00	3 15	¼
DRILLING	3 15	8 00	4¾
			8

A. Lundie
DRILLER'S SIGNATURE

DRLG 8½" HOLE	8 00	10 30	2½
RIG SERVICE & B.O.P.	10 30	10 45	¼
DRLG 8½" HOLE	10 45	—	5¼

Ray Stern
DRILLER'S SIGNATURE

DRLG 8½" HOLE	4 00	6 15	2¼
RIG SERVICE B.O.P.'s & SURVEY	6 15	6 45	½
BLOW KELLY & HOIST	6 45	9 00	2¼
ADDED BOOT STRIP TO STRING 60' OF BOTTOM	9 00	10 00	1
RUN IN COLLARS & SLIP LINE.	10 00	11 00	1
RUN IN DRILL PIPE.	11 00	12 00	1
2' OF FILL			

A. Lundie
DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR G. Kelly	8
FLOOR C. Bowman	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER R. Sturm	12
DERRICK D. Sieban	12
MOTOR E. Krieger	12
FLOOR F. Krieger	12
FLOOR T. Wilson	12
FLOOR M. Bucher	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Lundie	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR R. McCallum	4
FLOOR G. Kelly	4
~~FLOOR~~ D. SHANK.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makuberski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14017

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 5 1974

DAYS FROM SPUD 56 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14016

DATE FEB 5 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	FT. OFF SLIPS	FT. UP ON KELLY
4721	4751	30	7¼	92M	45	2		15	6¾	2⅞	459		23.53	17

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	13	8¾	FDH4N	3-14	489239	28	65	221			3½	1	1800	120		2	IN

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	470	10.+	3.6	9.5					1750	8P80	120	6"				
4 A.M.	490	10.+	3.8	9.5					1850	8P80	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 150 lbs Pac Hec 100 lbs Caustic
900 lbs gel

SHOCK SUB: 240¼ HRS JARS JARS = 36¼ HRS

DRILLING LINE SPOOLED	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8			23353				23653	2810

SURVEYS: DEG. 5° DEPTH 4744

8 AM TO NOON

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	FT. OFF SLIPS	FT. UP ON KELLY
4751	4766	15	2¾	92M	45	2		15	6¾	2⅞	459		23.53	32

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	12	9⅞	FDH4N	3-14	489227	28	65	225		4753	3½	1	1850	120	4	1	1
	14	8¾	FDH4N	2-14	489102	25	65	10			1¾	1	1800	120			IN

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	503	10.1+	3.4	9.5					1850	8P80	120	6"		8P80		6"
12 NOON		Tripping							1900	8P80	120	6"				

WATER ADDED: ¼" STREAM DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: PELTEX

SURVEYS: DEG. DEPTH

DRILLING LINE SPOOLED	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8	3	89	23442				23659	2810

NOON TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	FT. OFF SLIPS	FT. UP ON KELLY
4766	4811	45	7¼	92M	46	1		15	6¾	2⅞	459		7353	22

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	12	9⅞	FDH4N	2-14	489221	25	50	55			9	1	1800	120	5		

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	340	11.1	3.4	9.5					1400	5P80	120	"				
8 P.M.	3[illegible]	10.2	3.4	9.5					1400	8P80	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 200 Gel 150 LBS PLUTEX

SURVEYS: DEG. 5° DEPTH 4805

DRILLING LINE SPOOLED	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8	4	891	23442				23659	2810

4 PM TO MIDNIGHT

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING (ON)/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

		MOTOR	HRS.	NEXT OIL CHANGE
FUEL ON HAND 12:01 A.M.	GALS.	1.		
FUEL REC'D TO-DAY	GALS.	2.		
TOTAL	GALS.	3.		
FUEL ON HAND 11:59 P.M.	GALS.	4.		
FUEL USED	GALS.	5.		
		6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: APPROVED TOOLPUSHER:

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
RIG SERV. ✓ BOP	12 MN	12.15	¼
DRLG	12.15	5.15	5
RUN SURVEY	5.15	5.45	½
DRLG	5.45	8.00	2¼
			8
DRILLING	8.00	9.00	1
RIG SERV.	9.00	9.15	¼
PULL OUT	9.15	11.45	2½
MAKE UP BIT RUN IN WT BIT	11 HRS	2.15	2¼
DRILLING	2.15	4.00	1¾
			8
5° OF FILL			
DRILLER'S SIGNATURE			
R.S SERVICE ✓ BOP	4.00	4.15	¼
DRILL 9½" HOLE	4.15	10.15	6
SURVEY @ 4805' 5°	10.15	10.45	½
DRL @ 9½" HOLE	10.45	12.00	1¼
			8
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
Mech. G. Purcha	8

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. Lundie	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR R. McCallum	8
FLOOR G. Kelly	8
MECH FLOOR D SHANK	4

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. PUCHEK	8

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberki

SAFETY TALK - SUBJECT Tong Lines

GIVEN BY R. Sturm

№ 14016

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTHPEEL D-64 DATE FEB 4 1974

DAYS FROM SPUD 55 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14015

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES		NO.	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. MADE
4575	4625	50	7½	92M	44	1	DRILL COLLARS	15	6¾	2¼	459		23.53	11

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	13	8¾	MU4N	3-14	489239	28	68	95			13½	1	1650	120		1	1N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	350	10.2	7	9.5									1750	8P80	120	6"
4 A.M.	375	10.2	3.8	9.5					1750	8P80	120	6"				

WATER ADDED: ± Stream DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 lbs Caustic 50 lbs Water
800 lbs gel 50 lbs Stay Flo
SHOCK SUB = 218 HRS JACO TORS - 14 HRS

SURVEYS	DEG.	DEPTH
	4°	4589

DRILLING LINE RECORD	SIZE	MAKE	MIN. LINE	TRIPS	TON-MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	9			23353	33	318		23653	2810

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES		NO.	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. MADE
4625	4675	50	7¾	92M	44	2	DRILL COLLARS	15	6¾	2¼	459		23.53	34

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	13	8¾	MU4N	3-14	489239	28	65	145			21¼	1	1750	120		1	1N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	330	10.1	3.8	9.5					1750	8P80	120	6"		8P80		6"
12 NOON	359	10.1	3.8	9.5												

WATER ADDED: ¼ STREAM DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 300# GEL
50# STAY FLOW
50# Caustic

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	MIN. LINE	TRIPS	TON-MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8			23353	33	318		23653	2810

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES		NO.	O.D.	I.D.	LENGTH	WT. AIR	SURVEY	FT. MADE
4675	4721	46	7¾	92M	45	1	DRILL COLLARS	15	6¾	2¼	459		23.53	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	13	8¾	MU4N	3-14	489239	28	65	191			28½	1	1750	120		1	1N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	330	10.	3.8	9.5						8P80		6"		8P80		6"
8 P.M.	270	10.1	3.8	9.5					1750	8P80	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH
	4°	4682

DRILLING LINE RECORD	SIZE	MAKE	MIN. LINE	TRIPS	TON-MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8			23353	33	318		23653	2810

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

	GALS.
FUEL ON HAND 12:01 A.M.	
FUEL REC'D TO-DAY	
TOTAL	
FUEL ON HAND 11:59 P.M.	
FUEL USED	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: M. Dostal
APPROVED TOOLPUSHER: J. Makubecki

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
RIG SERV BOP. RUN SURVEY	12.00	12.30	½
DRLG	12.30	8.00	7½
			8
A Ewasiuk DRILLER'S SIGNATURE			
DRILLING	8.00	12.15	4¼
RIG SERV B.O.P. CHECK	12.15	12.30	¼
DRILLING	12.30	4.00	3½
			8
A Lundie DRILLER'S SIGNATURE			
DRILLING	4.00	5.10	1⅓
RIG SERV	5.10	5.30	⅓
SURVEY	5.30	6.00	½
DRILLING	6.00	12.00	6
			8
A Ewasiuk DRILLER'S SIGNATURE			

DATE FEB 4 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN.	8
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundie	12
DERRICK H. Haydon	12
MOTOR A. Collisson	12
FLOOR R. McCallun	12
FLOOR G. Kelly	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
~~FLOOR~~ G. Purcha.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makubecki

SAFETY TALKS - SUBJECT Gas Masks

GIVEN BY A. Lundie.

№ 14015

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 3 1974

DAYS FROM SPUD 54 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14014

DATE FEB 3 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
4487	4514	27	7½	92M	43		15	6¾	2¼	459		15.92

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	12	8½	JD7	3-15	58816	16M	65	167			34½	1	1550	120			IN

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	350	10.2	3.6	9.5					1650	8P80	120	6"				
4 A.M.	360	10.2	3.9	9.5					1650	8P80	120	6"				

WATER ADDED: Vac Stream DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 4 GELS 6 C/I SOLIDS PETROX

SHOCK SUB = 201 HRS.

DRILLING LINE RECORD	SIZE	MAKE	SEC. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WOR	8			23264				23335	2810

SURVEYS

DEG.	DEPTH
3¾	4488

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
4515	4530	16	4	92M	43	1	15	6¾	2¼	459		15.92

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	12	8½	TD7	3-15	58816	16M	65	163		4530	33½	1	1650	120	2	3	IN
	13	8½	MILLED	3-14	499239												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	330	10.1	3.8	9.5					1650	8P80	120	6"				
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	SEC. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WOR	8			23264				23335	2810

SURVEYS

DEG.	DEPTH
3⅞	4530

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
4530	4575	45	7	92	43	2	15	6¾	2¼	459		23.53

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	13	8½	MILLED	3-14	499239	28	68	45	4530		6	1	1650	120			IN

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.										8P80		6"		8P80		6"
8 P.M.	340	10.2	3.8	9.5					1650	8P80	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	SEC. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WOR	8	7	89	23353	33'	23264	Feb 3	23653	2810

SURVEYS

DEG.	DEPTH

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: J. Lundie
APPROVED TOOLPUSHER: J. Makuteski

WATER COST $

CUSTOMER'S COPY

REMARKS

REMARKS	START	STOP	INTVL.
RIG SERV ✓ BOP & RUN SURVEY	12.00	12.30	½
DRLG	12.30	8.00	7½
			8
DRILLER'S SIGNATURE A. Lundie			
DRILLING	8.00	9.30	1½
RIG SERV	9.30	9.45	¼
DRILLING	9.45	12.15	2½
BLOW KELLY & DROP SURVEY	12.15	12.30	¼
PULL OUT FOR BIT TIGHT FROM 4430 TO 3782	12.30	3.20	3
MAKE UP BIT RUN IN COLLARS +	3.30		
SLIP DRILLING LINE		4.00	½
JARS ADDED TO STRING 7.61			8
DRILLER'S SIGNATURE A. Lundie			
RUN IN WITH BIT #13.	4.00	5.45	1¾
DRILL OUT 6' OF FILL	5.45	6.00	¼
DRILLING	6.00	12.00	6
			8
DRILLER'S SIGNATURE J. Makuteski			

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	A. EWASIUK	8
DERRICK	R. PEARSON	8
MOTOR	C. KENDALL	8
FLOOR	M. SHIPPY	8
FLOOR	P. DONOVAN	8
FLOOR		

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	A. Lundie	12
DERRICK	H Haydon	12
MOTOR	A. Collisson	12
FLOOR	R McCallum	12
FLOOR	G. Kelly	12
FLOOR		

TOUR 3 4 00 P.M. TO MIDNIGHT

		HRS.
DRILLER	A. EWASIUK	4
DERRICK	R. PEARSON	4
MOTOR	C. KENDALL	4
FLOOR	M. SHIPPY	4
FLOOR	P. DONOVAN	4
~~Mud~~	G. Purcha.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makuteski.

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14014

USTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE FEB 2 1974

'S FROM SPUD 53 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14013

DATE FEB 2 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. ABOVE KELLY
4385	4420	35	7¾	91	42			15	6¾	2⅜	459		15.92	

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
12	8½	J07	3-15	58816	20	65	53			11¼	1	1750	120		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	365	10.2	3.8	9.5									1750	8P80	120	6"
4 A.M.	370	10.2	3.6	9.5					1550	8P80	120	6"				

WATER ADDED: 20 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 500 LBS Gel

50 Lbs Caustic 50 Lbs Pollex 5

SHOCK SUB = 178½ HRS.

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WR	8	3	229	23264	0			23335	2810

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. ABOVE KELLY
4420	4451	31	7¾	91	42	1		15	6¾	2 7/8	459		15.92	35

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
12	8½	J07	3-15	58816	20	65	84			19	1	1725	120		1	N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	355	10.2	3.4	9.5					1725	8P80	120	6"		8P80		6"
12 NOON	350	10.1	3.2	9.9												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH
3½°	4426

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WR	8	3	229	23264				23335	2810

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. ABOVE KELLY
4457	4487	36	7¾	92	42	2		15	6¾	2⅜	459		15.92	54

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
12	8½	J07	3-15	58816	20	65	120			26¾	1	1725	120		1	N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.									1650	8P80	120	6"				
8 P.M.	400	10.2	3.8	9.5												

WATER ADDED: ½ steam DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 600 lbs Gel

50 Caustic 50 Pollex

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
						23264				23335	2810

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

DTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

TOTAL GALS.

FUEL ON HAND 11:59 P.M. GALS.

FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % - PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT.	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Ewasiuk

APPROVED TOOLPUSHER: T. Nahuberski

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
RIG SERV ✓ BOP.	12.00	12.15	¼
DRLG.	12.15	8.00	7¾
			8
A. Ewasiuk DRILLER'S SIGNATURE			
Drilling	8.00	9.00	1
Rig SERV & CHECK BOPS	9.00	9.15	¼
Survey	9.15	9.45	½
Drilling	9.45	4.00	6¼
			8
A. Ewasiuk DRILLER'S SIGNATURE			
Drilling 8½" Hole.	4.00	4.30	½
Rig Serv. ✓ BOP.	4.30	4.45	¼
DRLG	4.15	12.00	7¾
			8
N.B. Charge G. Purcha for 1-New Hard Hat and 1 New winter Liner)			
A. Ewasiuk DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR C. KENDALL	8
FLOOR M. SHIPPY.	8
FLOOR P. DONOVAN.	8
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundie.	12
DERRICK H. HAYDON	12
MOTOR A. COLLISSON	12
FLOOR R. MCCALLUM	12
FLOOR G. KELLY	12
FLOOR	

TOUR 3 4.00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR C. KENDALL	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
~~mud. FLOOR~~ G. Purcha	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL T. Nahuberski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14013

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME TEX 4CO IMP SOUTH REEL D-64 DATE FEB 1 19 74 Nº 14012

DAYS FROM SPUD 52 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

DATE FEB 1 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SURVEYS	FT. LEFT IN HOLE
4316	4363	47	7¾	91	41	1		15	6¾	2¼	459		15.92	41

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	11	8¾	HTTS	3-15	483968	25	60	168			38¼	1	1550	120		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	435	10.1	3.8	9.5						8P80 1			1750	8P80	120	6"
4 A.M.	390	10.2	3.8	9.5					1550	8P80	120	6"				

WATER ADDED: 30 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 LBS Caustic SODA: Pallet
100 LBS Gel
SHOCK SUB = 16 5¾ HRS.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRF	8			23180				23335	2810

SURVEYS DEG.	SURVEYS DEPTH

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SURVEYS	FT. LEFT IN HOLE
4363	4361	4	4	91	41	2		1	6¾	2¼	459		15.92	41

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	11	8¾	HTTS	3-15	483968	25	60	172	4195	4367	39	1	1750	120	5	1	1
	12	8¾	3DT	3-15	587816												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	360	10.1	3.8	9.5					1750	8P80	120					
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRF	8			23180				23335	2810

SURVEYS DEG.	SURVEYS DEPTH
3¾	4363

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT.	AIR	SURVEYS	FT. LEFT IN HOLE
4367	4385	18	4	91	41	2		15	6¾	2¼	459			15.92	32

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	12	8¾	3DT	3-15	587816	20	65	18			4	2	1750	120		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	Tripping		—	11									1750	8P80	120	6"
8 P.M.	375	10.1	3.8	9.5	11.5	70							1750	8P80	120	6"

WATER ADDED: 40 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 400 LBS Gel
50# Caustic 50 Lbs Paltex

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRF	8			23264				23335	2810

SURVEYS DEG.	SURVEYS DEPTH

REMARKS

REMARKS	START	STOP	INTVL.
RIG SERV & BOP.	12.00	12¼	¼
DRLG	12¼	8.00	7¾
			8
DRILLER'S SIGNATURE			
DRILLING	8.00	8.15	¼
Rig SERV	8.15	8.30	¼
SURVEY	8.30	9.00	½
DRILLING	9.00	9.45	¾
TRIP FOR BIT TIGHT FROM	9.45		
4335 TO 3840		2.30	4¾
RUN IN WITH BIT #12	2.30	4.00	1½
			8
DRILLER'S SIGNATURE			
FINISH RUNNING IN REAMED	4.00		
BRIDGES FROM 3363 TO 3642		8.00	4
& 43' OF FILL ON BOTTOM.			
DRLG	8.00	12.00	4
			8
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 AM

		HRS.
DRILLER	A. EWASIUK	8
DERRICK	R. PEARSON	8
MOTOR	C. KENDALL	8
FLOOR	M. SHIPPY	8
FLOOR	P. DONOVAN	8
FLOOR		

TOUR 2 8 AM TO 4 PM

		HRS.
DRILLER	A. LUNDIE.	12
DERRICK	H. HAYDON	12
MOTOR	A. COLLISSON	12
FLOOR	R. McCALLUM	12
FLOOR	C. KELLY	12
FLOOR		

TOUR 3 4 00 PM TO MIDNIGHT

		HRS.
DRILLER	A. EWASIUK	4
DERRICK	R. PEARSON	4
MOTOR	C. KENDALL	4
FLOOR	M. SHIPPY	4
FLOOR	P. DONOVAN	4
~~FLOOR~~ Mud.	G. Purcha	12

INJURIES, COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

BOP

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT

RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER:

WATER COST $

CUSTOMER'S COPY

Nº 14012

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE JAN 31 1974

DAYS FROM SPUD 51 MAILING ADDRESS EDMONTON ROAD CONDITIONS Good WEATHER 15° ABOVE

№ 14011

DATE JAN 31 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM / 8 AM TO 4 PM / 4 PM TO MIDNIGHT

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	8¾	HTTS	3-15	483968	20	60	53			15½	2	1750	120		1	IN
1	8¾	HTTS	3-15	483968	22	60	99			23	1	1675	120		1	IN
1	8¾	HTTS	3-15	483968	22	60	121			30½	2	1750	120		1	IN

DRILL COLLARS: NO. 15, O.D. 6¾, I.D. 2⅞, LENGTH 459, WT AIR 15.92

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	460	10.2	2.8	9.5									1750	8P80	120	6"
4 A.M.	460	10.2	4	9.5									1750	8P80	120	6"
8 A.M.	480	10.2	3.8	9.5					1675	8P80		6"		8P80		6"
12 NOON	478	10.2	3.8	9.5					1675	"		"				
4 P.M.	458	10.1	3.8	9.5						8P80		6"		8P80		6"
8 P.M.	620	10.1	3.8	9.5					1750	8P80	120	6"				

WATER ADDED: 1/4" STREAM - 3 HRS. DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SHOCK SUB = HRS 1423/4

DRILLING LINE RECORD: SIZE 1⅛ MAKE WIRE 8 NO. LINES TRIPS TON MILES TOTAL MILES 23180 FEET SLIP OR CUT AT MILES DATE SLIP OR CUT NEXT SLIP 23335 FT. LEFT ON SPOOL 2810

DRILLING LINE RECORD: SIZE 1⅛ MAKE WIRE 8 NO. LINES TRIPS TON MILES TOTAL MILES 23180 FEET SLIP OR CUT AT MILES DATE SLIP OR CUT NEXT SLIP 23335 FT. LEFT ON SPOOL 2810

WATER ADDED: 10 BBLS DESILTER: HRS. OP. #1 pump new head U.FLOW O. FLOW

MUD ADDITIVES: 50 LBS Caustic, 50 LBS Perfex, 500 LBS Gel

DRILLING LINE RECORD: SIZE 1⅛ MAKE WIRE 8 NO. LINES TRIPS TON MILES TOTAL MILES FEET SLIP OR CUT AT MILES DATE SLIP OR CUT NEXT SLIP FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH
3°	4238
3°	4301
3°	4301

REMARKS

START	STOP	INTVL
12.00	12.15	¼
12.15	5.15	5
5.15	5.45	½
5.45	8.00	2¼
		8

RIG SERV V BOP.
DRLG
RUN SURVEY.
DRLG

A. Ewasiuk
DRILLER'S SIGNATURE

START	STOP	INTVL
8.00	12.30	4½
12.30	12.45	¼
12.45	4.00	3¼
		8

DRILLING
RIG SERV
DRILLING
ONE MAN WORKS OVER. INSTAL LIGHT PLANT MOTOR at Airstrip

A. Lundie
DRILLER'S SIGNATURE

START	STOP	INTVL
4.00	9.00	5
9.00	9.30	½
9.30	12.00	2½
		8

DRILLING
RUN SURVEY @ 4301
DRLG.

Install New Light Plant at Airstrip.

A. Ewasiuk
DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	A. EWASIUK	8
DERRICK	R. PEARSON	8
MOTOR	C. KENDALL	8
FLOOR	M. SHIPPY	8
FLOOR	P. DONOVAN	8
FLOOR		

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	A. LUNDIE.	12
DERRICK	H. HAYDON	12
MOTOR	A. COLLISSON	8
FLOOR	R. McCALLUM	12
FLOOR	G. KELLY	12
FLOOR		

TOUR 3 4:00 P.M. TO MIDNIGHT

		HRS.
DRILLER	A. EWASIUK	4
DERRICK	R. PEARSON	4
MOTOR	C. KENDALL	4
FLOOR	M. SHIPPY	4
FLOOR	P. DONOVAN	4
~~Mech.~~ FLOOR	G. Purcha	15

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nahubchi

SAFETY TALKS - SUBJECT

GIVEN BY

BOP

	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR
APPROVED TOOLPUSHER J. Nahubchi

WATER COST $

CUSTOMER'S COPY

№ 14011

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO 11 WELL Dome Imp TEW South Peel D-64 DATE JAN 30 1974 № 14010

DAYS FROM SPUD 50 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

DATE JAN 30/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 4 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON DRILL
4194	4195	1	1/2	90	39	2		15	6¾	2¼	459		13.80	11

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	6¾	8½	S86	3/16	H96900	35M	42	197		4193	39¾	1	1350	120	4	8	0¼
	6¾	8½	H77S	3/15													

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	330	62	48	9.5					1500	8P80	120	6"				
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SHOCK SUB HRS 127¼

DRILLING LINE SPEED	GAUGE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	WIRE	9			23101				23335	2410

4 AM TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON DRILL
4195	4196	1	1/4	90	39	2		15	6¾	2¼	459		13.80	30

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	11	8½	H77S	3-15	H93968	20	62	1			¼	1	1500	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	365	10.3	7.6	9.5					1500	6-P80	120	6"				
12 NOON	360	10.3	7.6	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 600#

DRILLING LINE SPEED	GAUGE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
		8			23180				23335	2810

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON DRILL
4196	4222	26	7¾	90	40			15	6¾	2¼	459		13.92	1½

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	11	8½	H77S	3-15	H93968	20	60	27	4195		8	1	1700	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	350	10.3	4.8	9.5						8P80		6"		8P80		6"
8 P.M.	420	10.2	4.0	9.5												

WATER ADDED: Lazy ½" STREAM - 2 Hrs DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Caustic - 50#
PELTEX - 50#
GEL - 1000#

DRILLING LINE SPEED	GAUGE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
		8			23180				23335	2810

8 PM TO MIDNIGHT

SURVEYS

DEG.	DEPTH
3½°	4206

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:
APPROVED TOOLPUSHER:

WATER COST $

CUSTOMER'S COPY

REMARKS	START	STOP	INTVL.
DRLG 8½" HOLE	12 AM	12 30	½
F.G SERVICE W.B.O.P & BLOW KELLY	12 30	1 00	½
HOIST (TIGHT) CIRC OUT 3 SINGLES UNIS-3125	1 00	4 00	3
CHANGE SHOCK SUB	4 00		
TO BOTTOM OF COLLARS & RUN IN FROM 3500		6 30	2½
CLEAN'D TO BOTTOM — DRILLER'S SIGNATURE	6 30	8 00	1½
REAMING & CLEANING TO BOTTOM FROM 3894 - 4011. 2 STDS TO REAM 3894 & SINGLES FREE TO 4176	8.00	2.15	6¼
RIG SERV W.B.O.P. & RUN SURVEY.	2.15	2.45	½
REAM 30 FT.	2.45	3.45	1
DRLG	3.45	4.00	¼
			8
DRLG 8½" HOLE	4 00	6 30	2½
RIG SERV B.O.P. CHECK.	6 30	6 45	¼
DRILLING	6 45	12 00	5¼
			8
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	R. STURM	8
DERRICK	D. SIEBEN	8
MOTOR	E. KRIEGER	8
FLOOR	F. KRIEGER	8
FLOOR	T. WILSON	8
FLOOR	M. BUCHEK	8

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	A. EWASIUK	8
DERRICK	A. PEARSON	8
MOTOR	C. KENDALL	8
FLOOR	M. SHIPPY	8
FLOOR	P. DONOVAN	8
~~MECH~~ FLOOR	D. SHANK.	8

TOUR 3 4:00 P.M. TO MID.

		HRS.
DRILLER	A. LUNDIE.	8
DERRICK	H. HANNON	8
MOTOR	A. COLLISSON	8
FLOOR	R. MCCOLLUM	8
FLOOR	S. KELLY	8
~~Mud~~	G. Porsha	8

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALK - SUBJECT

GIVEN BY

№ 14010

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome IMP. Tex. South Peiel O-6 DATE JAN 29 19 74

DAYS FROM SPUD 49 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER -10 Wind 8 Dr. T

№ 14009

DATE JAN 29/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
4092	4134	50	7¼	90M	39	—		15	6¾	2¼	459		13.80	6

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
[illegible]	8½	S86	3/15	43[illegible]	22M	50	140	3998		24	1	1500	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	460	4[illegible]	4[illegible]6	9.5					1150.	8 P80		6"				
4 A.M.	[illegible]	[illegible]3	5.2	9.5					1150	8 P80		6"				

WATER ADDED: 60 BBL DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 2 Bags Gel [illegible]

SOLIDS CTRL

SUB SNOCK HRS 11½

DRILLING LINE SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	USCO	8			[illegible]				78385	2810

SURVEYS

DEG.	DEPTH
3°	4110

REMARKS

	START	STOP	INTVL.
Rig SERVICE & B.O.P's	12[illegible]	12[illegible]	¼
DRLG 8½" HOLE	12[illegible]	3[illegible]	2¾
SURVEY @ 4110 3°	3[illegible]	3[illegible]	¼
DRLG 8½" HOLE	3.30	9.00	4½

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp Tex South Peel D-64 DATE JAN 28 1974

DAYS FROM SPUD 44 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 14008

DATE JAN 28/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 4 AM / 4 AM TO 8 PM / 8 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	BOOS	FT. UP ON KELLY
3998	4008	10	1½	88 Conv	37	2		15	6¾	2¼	459		13.80	10'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	S86	3-15	49690	25M	52	10	3998		1½	1	1500	120		Ream	
								Clean out			3458	- 3998					
																	15 HRS

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	42c	11.3	4.3	9					1 1500	KPBO	120	6½				
4 A.M.																

WATER ADDED: WATER DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL 600 LBS

SURVEYS: DEG. / DEPTH

SHOCK SUB = 87½ HRS.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WIRE	4			2303.5				23335	2810

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	BOOS	FT. UP ON KELLY
4008	4042	34	7¾	88M	38			15	6¾	2¼	459		13.80	32

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	S86	3-15	49628	25M	50	44			9¼	1	1500	120		1A	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	400	10.3	4.7	9					1500	8P80	120	6"				
12 NOON	380	10.3	4.2	9					1500	KPBO	120	6"				

WATER ADDED: 10 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 900 LBS Gel

SOLEX Caustic 500 LBS Pellets

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WIRE	8	1	106	3310.1				23335	2810

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	BOOS	FT. UP ON KELLY
4042	4092	40	7¾	88M	38	1		15	6¾	2⅛	459		13.80	DW

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	16	8½	S86	3/15	49628	25M	50	44	3998		16¾	1	1500	120		Ream	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	385	10.3	4.6	9.5					1500	8P80	120	6"				
8 P.M.									1500	8P80	120	6"				

WATER ADDED: 24 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 2600 LBS Gel

100 LBS Caustic 100 LBS Gel

SURVEYS: DEG. 2° / DEPTH 4043

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

B.O.P	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED ✓

FIRE EQUIP. CHECKED

	GALS.
FUEL ON HAND 12:01 A.M.	
FUEL REC'D TO-DAY	
TOTAL	
FUEL ON HAND 11:59 P.M.	
FUEL USED	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

REMARKS	START	STOP	INTVL.
Rig SERVICE & V.B.O.P's	12 PM	12½	½
CLEAN TO BOTTOM FROM	12½		
3486 TO 3998		6½	6
DRLG 8½" HOLE	6½	8 PM	1½
DRILLER'S SIGNATURE			
RIG SERV. V BOP V - GREASE	8.00		
SWIVEL.		8.15	¼
DRLG.	8.15	4 AM	7¾
DRILLER'S SIGNATURE			
DRLG	4:00	4:45	¾
Rig SERVICE V B.O.P. & KELLY COCK	8:45		
& SURVEY @ 4045 2°		9:15	½
DRLG 8½" HOLE	9:15	12 MN	2¾
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M. — HRS.

DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEBER	8
FLOOR F. KRIEBER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	8

TOUR 2 8 A.M. TO 4 P.M. — HRS.

DRILLER A. EWASIUK	12
DERRICK R. PEHRSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR R. DONOVAN	12
MECH WELD D. SHANK	12

TOUR 3 4:00 P.M. TO MIDNIGHT — HRS.

DRILLER R. STURM	4
DERRICK D. SIEBEN	4
MOTOR E. KRIEGER	4
FLOOR F. KRIEGER	4
FLOOR T. WILSON	4
FLOOR M. BUCHEK	4

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14008

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp Tex South Peel I-64 DATE JAN 27 19 64

DAYS FROM SPUD 47 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER -24°, mod W. T 7

№ 14007

DATE JAN 27 /64 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M. — 8 A.M. TO 4 P.M. — 4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
3996	3993	17	7¾	88M				15	6¾	2⅞	459		13.80	26'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8½	N77S	3-18	433287	25M	60	68	3925		24¼		1300	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	400	10.5	2	10					1850							
4 A.M.																

WATER ADDED: 50 BBLS WATER DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1400 LBS CMC, 1400 LBS CAUSTIC SODA, 700 LBS

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WAY	9			23035				23335	2810

SURVEYS: DEG. / DEPTH

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
3993	3998	5	3¾	88M	37	2		15	6¾	2¾	459		13.80	26

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8½	N77S	3-18	431317	25M	60	73	3925	3998	27½	1	1300	120	7	1	1
	1	8½	S86	3-15	496808												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	380	10.5	4.2	9.					1100							
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

1 SHOCK SUB = 86 HRS

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WAY	9			23035				23335	2810

SURVEYS: DEG. / DEPTH

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
3998								45	6¾	2⅞	459		1380	26

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	2	8½	S86	3-15	496809	10M	50										

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	360	10.5	4.2	9.												
8 P.M.	420	11.4	4.2	9					300	1400						

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WAY	9			23035				23335	2810

SURVEYS: DEG. / DEPTH

BOP -	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED		FUEL ON HAND 12:01 A.M.	GALS.
ENGINE SHUT-OFF CHECKED		FUEL REC'D TO-DAY	GALS.
KELLY COCK CHECKED		TOTAL	GALS.
FIRE EQUIP. CHECKED		FUEL ON HAND 11:59 P.M.	GALS.
		FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER D. Turgeon

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	TIME INTVL.
Rig Service & B.O.P'	12	12.15	¼
Drlg 8½" Hole	12.15	8	7¾

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Imp Tex South Peel D-64 DATE Jan 26 19 74

DAYS FROM SPUD 46 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER -22 Light West

№ 14006

DATE Jan 26/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	SLIPS	FT. UP ON KELLY
3925	3924	3						15	6¾	2¾	459		13.80	28'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8½	H77S	3/14	432237	20	60	3	3925		1½	1	1450	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	650	10.3	44	9					1450	Opsco	60	6		Opsco		6
4 A.M.	755	10.6	33	9.5												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	Lore	9			23035				23335	2810

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	SLIPS	FT. UP ON KELLY
3928	3954	26	7¾	96M	36	2		15	6¾	2¾	459.		13.20	HO

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8½	H77S	3-18	432237	30M	60	29			9	1	1500	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	645	10.6	3.8	9					1500	8 PR	120	6"				
12 NOON	375	10.5	H	9					1500	8P80	120	6"				

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

SHOCK SUB = 79 HRS @

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	Lore	9			23035				23335	2810

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	SLIPS	FT. UP ON KELLY
3954	3996	42	9½	86,000	39	1		15	6¾	2¾	459.		13.80	11'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8½	H77S	3-18	432237	24M	52	57			16½	1	1530	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	360	10.5	4	8.5												
8 P.M.																

WATER ADDED: Gel 1300 lbs DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: CAUSTIC 100 lbs
Cellex 50 lbs

SURVEYS

DEG.	DEPTH
3°	3956

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	Lore	9			23035				23335	2810

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER D. Trepanier

WATER COST $

CUSTOMER'S COPY

REMARKS

START	STOP	INTVL.
12⁰⁰	12¹⁵	¼
12¹⁵	6⁴⁵	6½
6⁴⁵	9⁰⁰	1¼

Rig Service & B.O.P's
Cleaning To Bottom
From 3746 to 3925'
Drlg 8½" Hole

DRILLER'S SIGNATURE

8.00	8.15	¼
8.15	4.00	7¾

Rig Serv & BOP
Drlg

A. Swasiuk
DRILLER'S SIGNATURE

4.00		
	4.30	½
4.30	12⁰⁰	7½

Rig Serv. & BOP.
Run Survey.
Drlg.

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEGEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	8

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. SWASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
TECH FLOOR D. SHANK	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. Sturm	4
DERRICK D. Siegen	4
MOTOR E. Krieger	4
FLOOR F. Krieger	4
FLOOR T. Wilson	4
FLOOR M. Buchek	4

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Trepanier

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14006

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Tex Imp South Peel O-64 DATE Jan 25 1974

DAYS FROM SPUD 45 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

№ 14005

DATE Jan 25/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR		FT. UP ON KELLY
3925								15	6¾	2⅞	459		13.80	DN

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8¾	H-77S	3/14	432239	35-45	80				16¼		1150	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	45-0	10.3	4.2	86					1150	8-80	120	6"		8-80		6"
4 A.M.	430	10.3	4.2	85												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 100 - 25 Caustic Soda

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	Roeb	8			23035					2910

SURVEYS

DEG.	DEPTH

REMARKS

Rig Service & BOP's

Clearing To Bottom

Slonghing Indgo 3020-3390

Driller's Signature

Rig Serv & BOP.

Clean & Ream Sloghing Hole from 3390 - 3915

Driller's Signature

Rig Serv & BOP.

Clean & Ream Sloughing Hole 3915 to 3946

Driller's Signature

	START	STOP	INTVL.
	12⁰⁰	12²⁵	¼
	12²⁵	8⁰⁰	7¾
	8⁰⁰	8¹⁵	¼
	8¹⁵	15⁰⁰	7¾
			⅛
	15⁰⁰	15⁴⁵	¾
	15⁴⁵	12⁰⁰	7¼

TOUR 1 MIDNIGHT TO 8 A.M. — HRS.

		HRS.
DRILLER	R. STURM	8
DERRICK	D. SIEBEN	8
MOTOR	E. KRIEGER	8
FLOOR	F. KRIEGER	8
FLOOR	T. WILSON	8
FLOOR	M. BUCHEK	12

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR		FT. UP ON KELLY
3925								15	6¾	2¼	459		13.80	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8¾	H77S	3-12	432237						34	1	1300	130			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	550	10.3	4.4	85									1200	8-80	100	6
12 NOON	41.0	10.4	4.2	9												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 LBS Caustic

No 1 Pump 3 valve seats (suction)

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	Roeb	8			23035				23535	2810

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR		FT. UP ON KELLY
3925								15	6¾	2¼	459		13.80	DN

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	8¾	H77S	3-12	432237						37¼						

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	590	10.3	44	9					1700	3-80	120	6"				
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 100 LBS Caustic

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	Roeb	8								

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO.		TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

TOUR 2 8 A.M. TO 4 P.M. — HRS.

		HRS.
DRILLER	A. EWASIUK	12
DERRICK	R. PEARSON	12
MOTOR	C. KENDALL	12
FLOOR	M. SHIPPE	12
FLOOR	P. DONOVAN	12
FLOOR		

TOUR 3 4:00 P.M. TO MIDNIGHT — HRS.

		HRS.
DRILLER	R. STURM	4
DERRICK	D. SIEBEN	4
MOTOR	E. KRIEGER	4
FLOOR	F. KRIEGER	4
FLOOR	T. WILSON	4
~~FLOOR~~ MECH	D SHANK	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Trepanier

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14005

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Tex Imp South Reel D64 DATE Jan 24 19 24

DAYS FROM SPUD 44 MAILING ADDRESS Edmonton ROAD CONDITIONS _____ WEATHER _____

No 14004

DATE Jan 24/24 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR		FT. UP ON KELLY
3925								15	6¼	2⅞	459		5003 13.90	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR		FT. UP ON KELLY
3925								15	6¼	2⅞	459		5003 13.90	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1	8½	HP55	3-18	932737						8½	1	1000	100		1	IN.

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.									11.56	3780	70	6"	150	8x20		6"
8 P.M.	450	68	4.2	7.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	7	8½	7			2302.5					2870

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	GATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Swanset

APPROVED TOOLPUSHER: J. Malubecki

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
WELDING ON TABLE BEAMS & INSTALL ROTARY TABLE	12 00	8 00	8
FINISH WELDING & MAKE UP FLOOR. ~~REPLACE~~	8.00	9.00	1
TRIP IN	1.00	3.30	2½
CLEANING HOLE 3182 - 3250	3.30	4.00	½
			8
CLEANING HOLE 3182 - 3420	4.00	8.00	8

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHER	8

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. EUASIUK	12
DERRICK R. PEARSON	12
MOTOR C. KENDALL	12
FLOOR M. SHIPPY	12
FLOOR D. DONOVAN	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
Mud ~~FLOOR~~ D. SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Malubecki

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

No 14004

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEK I-M-P SOUTH PEARL 064 DATE JAN 23 1974

DAYS FROM SPUD 43 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

№ 14003

DATE JAN 23/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
3925				80M	30	1	15	6¾	2⅞	459		13.80	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	9⅞	S44	3-18	47236							1	725	60		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WAY	8				66 100				8810

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY
3925							15	6¼	2⅞	459		13.80	DP

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	9⅞	S44	3/18	47236										2	2	1

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT. AIR	C.B. FT	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.
FUEL REC'D TO-DAY	GALS.	1.	
TOTAL	GALS.	2.	
		3.	
FUEL ON HAND 11:59 P.M.	GALS.	4.	
FUEL USED	GALS.	5.	
		6.	

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO.	CLASSIFICATION NO. 2	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: _____

APPROVED TOOLPUSHER: J. Makubyski

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL
STRING LINE IN NEW BLOCKS	12⁰⁰	8⁰⁰	8
O Kendall DRILLER'S SIGNATURE			
FINISH STRINGING NEW BLOCKS SLIP & CUT LINE	9⁰⁰		4
LAY DOWN OLD BLOCKS		12⁰⁰	
CIRC & PUMP OUT OF HOLE THROUGH TIGHT SPOTS & HOIST	12⁵⁰	1⁰⁰	4
Gary Sturm DRILLER'S SIGNATURE			
RIG SERV	4.00	4.15	¼
TAKE OF ROTARY CHAIN	4.15		
GUARD & FALSE FLOOR.			
REMOVE TABLE TO WELD ON NEW BEAMS. HEAT & STRAIGHTEN BEAMS	8.15	12⁰⁰	3¾
A Lundie DRILLER'S SIGNATURE			8

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. LUNDIE.	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR K. ANBUCKLE	8
FLOOR E. BERGSETH.	8
FLOOR G. KELLY	8

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	4

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEHRSON	8
MOTOR C KENDALL	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
Mech. FLOOR D. SHANK.	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE
DERRICK	3-8	8	H Haydon

TOOLPUSHER'S APPROVAL J. Makubyski

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 14003

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Tex Imp South Peel D64 DATE Jan 22 1974

DAYS FROM SPUD 42 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

№ 14002

MIDNIGHT TO 4 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT UP ON KELLY
3925				80	30	1		15	6¾	2¾	459		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8	8½	J44	3-18	992364							2	800	75		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	35	10.4	4.4	8.5						8P20		6"	800	8P30	75	6"
4 A.M.	310	10.4	4.4	8.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WAT	8			22964				23264	2910

HAM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT UP ON KELLY
3925								15	6¾	2¾	459		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8	8½	J44	3/18	992364												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	290	10.4	4.4	8.5												
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WAT	8			22964				23264	2910

4 PM TO MIDNITE

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT UP ON KELLY
3925								15	6¼	2¾	459		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8	8½	J44	3/18	992364												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
						22964				23264	2910

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.
FUEL REC'D TO-DAY	GALS.	1.	
TOTAL	GALS.	2.	
		3.	
FUEL ON HAND 11:59 P.M.	GALS.	4.	
FUEL USED	GALS.	5.	
		6.	

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE FT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER J. Mahuberski

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL
WAIT ON BLOCKS	12 00	8 00	8
Circ and Rotate Pipe			
J. Lundie DRILLER'S SIGNATURE			
CIRC & WAIT ON BLOCKS	8 00	1 00	5
BREAK & LAY DOWN KELLY	1 00	2 00	1
PICK UP & INSTALL ADAPTER to PULL OUT OF HOLE	2 00	4 00	
T. Storm DRILLER'S SIGNATURE			
PICK & MAKE UP KELLY	4 00		
INSTALL NEW BUSHINGS		5 30	1½
CIRC & WORK PIPE	5 30	6 30	1
PULL ONE SINGLE BROKE	6 30	8 00	1½
ADAPTER & RIG UP & STRING	8 00		
NEW BLOCKS		12 00	4
A Lundie DRILLER'S SIGNATURE			

DATE Jan 22/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 AM	HRS.
DRILLER A. Lundie.	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR K. Arbuckle	8
FLOOR E. Bergseth	8
FLOOR G. Kelly	12

TOUR 2 8 AM TO 4 PM	HRS.
DRILLER T. Storm	12
DERRICK D. Sieben	12
MOTOR E. Krieger	12
FLOOR F. Krieger	12
FLOOR T. Wilson	12
FLOOR M. Buchek	12

TOUR 3 4 00 PM TO 12 MIDNIGHT	HRS.
DRILLER A Lundie.	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR K Arbuckle	4
FLOOR E. Bergseth.	4
Mud Engineer D. Shank.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14002

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dame Texaco Inc SouthPeck D 64 DATE JAN 21 1974

DAYS FROM SPUD 41 MAILING ADDRESS E DAIONTON ROAD CONDITIONS _____ WEATHER _____

№ 14001

DATE JAN 21/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3925			20 m		34	2		15	6 3/4	2 7/8	459		13.80

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
9	9 7/8	3-44	3-18	492361						5	1	1375	120			

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	385	10.3	4.2	8.5					1375	8 1/2 80	120	6				
4 A.M.	390	10.4	4.2	8.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50# Caustic 50# PELEX

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD: SIZE 1 1/4 | NAME WIRE | NO. LINES 8 | TRIPS | TON MILES 72964 | TOTAL MILES | FEET SLIP OR CUT | AT MILES | DATE SLIP OR CUT | NEXT SLIP 23264 | FT. LEFT ON SPOOL 2410

A.M. TO NOON

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3925					33	—		15	6 3/4	2 7/8	459		13.80

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
9	9 7/8	S44	3/18	492364												

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	380	10.2	5.2	9.5					1375	QP 80	0	6				
12 NOON	341	10.2	5.2	9.5					1375	QP 80	120	6				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Bulls Pac Pelex Caustic

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD: TON MILES 72964 | NEXT SLIP 23264 | FT. LEFT ON SPOOL 2410

P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3925					30	1		15	6 3/4	2 7/8	459		13.80

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
9	9 7/8	S44	3-18	492364							1	800	75		IN	

MUD

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	290	10.4	4.4	8.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD: TON MILES 72964 | NEXT SLIP 23264 | FT. LEFT ON SPOOL 2910

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED		FUEL ON HAND 12:01 A.M.	GALS.
ENGINE SHUT-OFF CHECKED		FUEL REC'D TO-DAY	GALS.
KELLY COCK CHECKED		TOTAL	GALS.
FIRE EQUIP. CHECKED		FUEL ON HAND 11:59 P.M.	GALS.
		FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1. D353		5800
2. D353		6300
3. D353		6300
4.		
5.		
6.		

CASING REPORT: RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: _____

APPROVED TOOLPUSHER: D. Mahubecki

WATER COST $ -

CUSTOMER'S COPY

REMARKS	START	STOP	INTVL.
Cleaning From 3422	12 00	3 00	3
Rig Serv	3 00	3 15	1/4
Cleaning Bridges To 2600	3 15	8 00	4 3/4
			8
DRILLER'S SIGNATURE A Kuncle			
Rig Service & B.O.P's	8 00	8 15	1/4
Cleaning Bridges From 2600	9 00	10 45	2 1/2
Circ Out 7 Singles	10 45	1 00	2 1/4
[redacted]	1 00		
Circ & Rig Up Blocks To Pull Out of Hole		4 00	3
Broke Block Hook @ 1:00 P.M.			
DRILLER'S SIGNATURE Jay Stevens			
Rig Service	4 00	4 15	1/4
Circ & Rig Up Blocks To Pull Out of Hole	4 15	6 30	2 1/4
Try To Circ Out & Hole	6 30	8 00	1 1/2
Wait On Blocks & Rig and Rotate Pipe.	8 00	12 00	4
			8
DRILLER'S SIGNATURE C Lundie			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie.	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR K. Arbuckle.	8
FLOOR E. Bergseth.	8
FLOOR G. Kelly	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER R. Sturm	12
DERRICK D. Sieben	12
MOTOR E. Krieger	12
FLOOR F. Krieger	12
FLOOR T. Wilson	12
FLOOR M. Bucher	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Lundie.	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR K. Arbuckle.	4
FLOOR E. Bergseth.	4
~~FLOOR~~ D. Shank	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Mahubecki

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 14001

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Texaco Imp South Peel O 64 DATE JAN 20 1974

DAYS FROM SPUD 40 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

No 14000

DATE JAN 20/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M. / 8 A.M. TO 4 P.M. / 4 P.M. TO MIDNIGHT

12 MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3925					30	1		15	6 3/4	2 7/8	459		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8	8 1/2	S44	3-18	492361												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	400	9.7		9.0						8 F 80		6"		8 F 80		6"
4 A.M.	405	9.7+		9.0												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: WT. MAT. - 28000#
PELTEX - 1000#

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WIRE	8		22760					23264	2410

SURVEYS

DEG.	DEPTH

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3925					31	1		15	6 3/4	2 7/8	459		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8	8 1/2	S44	3-18	492361	—	—	—	—	—	—	1	1200	123			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.										8 F 80				8 F 80		
12 NOON	405	10.4	4.2	9.0												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WIRE	8		22760					23264	2410

SURVEYS

DEG.	DEPTH

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3925					31	2		15	6 3/4	2 7/8	459		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8	8 1/2	S44	3-18	492361												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	405	10.4	4.2	8.5					1150	8 F 80	110	6"		8 F 80		6"
8 P.M.	400	10.3	4.2	8.5												

WATER ADDED: WT MAT

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1240 LBS SPARTON 460 LBS PHPA
130 LBS SPERSENE 3500 LBS GEL 50 LBS CAUSTIC

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WIRE	8		22760					23264	2410

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	✓

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR #	HRS.	NEXT OIL CHANGE
1. D353	5291	5800
2. D353	5763	6300
3. D353	5763	6300
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS ...% PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER J. Nahuliak

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
R.I.G. SERV.	12 00	12 15	1/4
CIRC & CONDITION MUD.	12 15	8 00	7 3/4
			8
A Lundie DRILLER'S SIGNATURE			
Rig Service & B.O.P's	8 00	8 15	1/4
Circ & Condition Mud	8 15	11 45	3 1/2
Cleaning out Bridges from 3298 to 3391	11 45	4 00	4 1/4

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE JAN 19 1974

DAYS FROM SPUD 39 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13999

DATE JAN 19/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3925					39	1		15	6¾	2⅞	459		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8	8½	S44	3-18	497234							1	1000	120		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	100	9.5	4.4	9.5					1000	8P80	120	6"		8P80		6"
4 A.M.	80	9.4	5.2	9.5												

WATER ADDED: 120 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 4000# GEL
50# CAUSTIC

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRE	8			23264				23264	2910

SURVEYS

DEG.	DEPTH

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3925					30	1		15	6¾	2⅞	459		1380

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	9⅞	S44	3/14	492349	—	—	—	—	—	—	1	600	100			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	90								600	8780	100			8P80		
12 NOON																

WATER ADDED: 1 - 50 BBL STEEL GUN DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 100 LB CAUSTIC 600 SUPER VIS
700 LB PERMA 9900-18 GEL

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRE	8			23264				23264	2910

SURVEYS

DEG.	DEPTH

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3925					30	1		15	6¾	2⅞	459		1380

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9	9⅞	S44	3/14	492349												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	150	9.4	4.6	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 3100 #

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRE	8			23264				23264	2910

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.
FUEL REC'D TO-DAY	GALS.	1.	
TOTAL	GALS.	2.	
		3.	
FUEL ON HAND 11:59 P.M.	GALS.	4.	
FUEL USED	GALS.	5.	
		6.	

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE FT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
RIG SERV	12⁰⁰	12¹⁵	¼
CLEANING SLOUGHED HOLE.	12¹⁵	4⁰⁰	3¾
WORKING TIGHT HOLE.	4⁰⁰	5³⁰	1½
CIRC & CONDITION MUD	5³⁰	8⁰⁰	2½
			8
Cleaned to 3616 - Lost Circ			
Pulled back to 3616 - regain circ			
circulate slowly to regain returns			
A Lundie DRILLER'S SIGNATURE			
RIG SERVICE & B.O.P.'S	8¹⁵	8³⁵	¼
CLEANING TO BOTTOM HOLE	9¹⁵		
SLOUGHING @ 3616 - Pull out of hole to 3305 KB,		9³⁰	11¼
CIRC & CONDITION MUD	9³⁰	4⁰⁰	6½
Roy Sturm DRILLER'S SIGNATURE			
RIG SERVICE & B.O.P.'S	4⁰⁰	4¹⁵	¼
CIRC. & CONDITION MUD	4¹⁵		

A Lundie DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. LUNDIE.	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR K. ARBUCKIE	8
FLOOR E. BERGSETH.	8
FLOOR G. KELLY	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER R. STURM	12
DERRICK D. SIGBEN	12
MOTOR E. KRIEGER	12
FLOOR E. KRIEGER	12
FLOOR T. WILSON	12
FLOOR M. BUCHEK	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. LUNDIE.	4
DERRICK H. HAYDON	4
MOTOR A. COLLISSON	4
FLOOR K. ARBUCKIE.	4
FLOOR E. BERGSETH	4
FLOOR D. SHANK	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL F Mahuberki

SAFETY TALK - SUBJECT

GIVEN BY

№ 13999

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Texaco Imp South Peel D-14 DATE JAN 18 19 74

DAYS FROM SPUD 38 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13998

DATE JAN 18/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	SLIPS	FT. UP ON KELLY
3925					31	1		15	6¾	2⅞	459		13.80	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	3	9⅞	S86	3-12	476808												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	65	9.5#	4.8	9.0						8P80		6"		8P80		6"
4 A.M.	148	9.6	4.6	9.5												

WATER ADDED: 120 Bbls DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 4000# GEL 600# Super Vis
50# Caustic
100# Soda ASH

DRILLING LINE SPOOLED	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	1	51	32917				22956	2910

SURVEYS: DEG. / DEPTH

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	SLIPS	FT. UP ON KELLY
3925								15	6¾	2⅞	459		13.80	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	3	9⅞	S86	3/12	476809	—	Pulled unsold out Chocr. out		Backspot @ 3240								

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	160	9.3	5"	9.5												
12 NOON																

WATER ADDED: ½ in Strength LHR DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 800 LB Gell in Pill Trink

DRILLING LINE SPOOLED	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	1		32917				22956	2910

SURVEYS: DEG. / DEPTH

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	SLIPS	FT. UP ON KELLY
3925								15	6¾	2⅞	459		13.80	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	3	9⅞	S44	3/11	49234												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	104	95	4	2	9.5											

WATER ADDED: 120 Bbls DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1300# gel

DRILLING LINE SPOOLED	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WIRE	8	1		32969				22956	2910

SURVEYS: DEG. / DEPTH

REMARKS

REMARKS	START	STOP	INTVL.
R.S. SERVICE B.O.P. CHECK	12⁰⁰	12¹⁵	¼
CLEANING TO BOTTOM	12¹⁵	1⁰⁰	¾
CIRC. & CONDITION MUD &	1⁰⁰		
CLEAN SLOUGHED HOLE		8⁰⁰	7
			8
A. Lundie DRILLER'S SIGNATURE			
R.S. SERVICE & B.O.P.'S	8¹⁵	8³⁵	¼
CLEANING TO BOTTOM	8³⁵	12⁴⁵	4¼
BLOW KELLY & HOUST	12⁴⁵	2³⁰	1¾
RUN IN COLLARS	2³⁰	3³⁰	1
SLIP 33' DRLG LINE	3³⁰	4⁰⁰	½
Ray Stevens DRILLER'S SIGNATURE			
R.S. SERVICE & B.O.P.'S	4⁰⁰	4¹⁵	¼
RUN IN	4¹⁵	5¹⁵	1
BLOW KELLY & CLEANING	5¹⁵		
TO BOTTOM FROM 3328		12⁰⁰	6¾
O. Lundie DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie.	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR K. Arbuckie.	8
FLOOR E. Bergseth.	8
FLOOR G. Kelly	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER R. Sturm	12
DERRICK D. Sieben	12
MOTOR E. Krieger	12
FLOOR F. Krieger	12
FLOOR T. Wilson	12
FLOOR A. Bugnek	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Lundie.	4
DERRICK H. Haydon	4
MOTOR A. Collisson	4
FLOOR K. Arbuckie	4
FLOOR E. Bergseth.	4
~~FLOOR~~ D. Shank	17

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Mahuberki.

SAFETY TALKS - SUBJECT

GIVEN BY

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: Lamoureux

APPROVED TOOLPUSHER: J. Mahuberki.

WATER COST $

CUSTOMER'S COPY

№ 13998

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Texaco Imp South Peel D64 DATE JAN 17 1974

DAYS FROM SPUD 37 MAILING ADDRESS EDMONTON ROAD CONDITIONS Good WEATHER -30° Calm Clear

№ 13997

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	FT. UP ON KELLY
3925	—	—	—	76	38	—		11	6¾	2¼	339.94		5'

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
6	8¾	HOWARD	3-13	422521			196			26				6	3	1

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	Dumped	wtr	of	mud	w/	water	and	1/2 SK	Spersene	to	Bleed	to	Lead			
4 A.M.	drilled	hole	conditions	mud	was	cut	water	added	to							

WATER ADDED: made up of seawater / DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50# Spersene 5 gal HME 1000# Super LUBE FLOW

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRC	8			22656				22956	2910

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	C.B. FT.	FT. UP ON KELLY
3925	—	—	—	—	—	—		15	6¾	2⅛	459		13.90	

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
7	7⅞	STC	3/12	476809	—	—	—	—	—	—	—	—	—			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.									1100	9-P80	90	6"		8-P80		6"
12 NOON	65	9.2	5	9.0												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 800 LB Gell in Pill Tank

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRC	9			22656				22956	2910

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT AIR	FT. UP ON KELLY
3925								15	6¾	2⅛	459		13.90

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
7	7⅞	STC	3/12	476809												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
						22656				22956	2910

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER D. Mahubeski

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
Rig SERV	12 00	12 15	¼
CONDITION MUD	12 15	4 00	3¾
Pull OUT PUMP END OUT	4 00		
9 SINGLES LAY DOWN SAME		8 00	4
			8
O Lundie DRILLER'S SIGNATURE			
FINISH OUT	9 00	9 15	1¼
Rig SERVICE + U.C.O.P	9 15	9 30	¼
~~[illegible]~~ WELD ON FILL UP LINE	9 30	10 30	1
PICK UP 4 COLLARS	10 30	12 00	1½
RUN IN SLOW	12 00	2 00	2
UNTHAW MUD LINE + BLOW KELLY	2 00	3 00	1
CLEANING TO BOTTOM FROM 3245	3 00	4 00	1
To 3345			
Ray Stum DRILLER'S SIGNATURE			
Rig SERVICE & B.O.P	4 00	4 15	¼
CLEANING TO BOTTOM FROM	4 15		
3345		7 00	2¾
CIRC & CONDITION MUD	7 00	9 00	2
Change Washed out UNION ON			
Mud line	9 00	10 00	1
CLEANING TO BOTTOM.	10 00	12 00	2
			8
[illegible]			

DATE JAN 17/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1, MIDNIGHT TO 8 AM	HRS.
DRILLER A. LUNDIE.	8
DERRICK H. HAYDON	8
MOTOR A. COLLISSON	8
FLOOR K. ARBUCKLE.	8
FLOOR E. BERGSETH.	8
FLOOR G. KELLY	12

TOUR 2, 8 AM TO 4 PM	HRS.
DRILLER R. STURM	12
DERRICK D. SIBBEN	12
MOTOR E. KRIEGER	12
FLOOR F. KRIEGER	12
FLOOR T. WILSON	12
FLOOR M. BUCHER	12

TOUR 3, 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. Lundie.	4
DERRICK H. HAYDON	4
MOTOR A. COLLISSON	4
FLOOR K. ARBUCKLE.	4
FLOOR E. BERGSETH.	4
~~Mud~~ FLOOR D. SHANK.	12

INJURIES: COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Mahubeski

SAFETY TALKS - SUBJECT Ice Plugs in Pipe.

GIVEN BY A. F. Wassink.

№ 13997

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE JAN 16 1974

DAYS FROM SPUD 36 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER -27° Calm Clear. № 13996

DATE JAN 16 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO NOON

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3837	3899	62	7½	76M.	37	2		11	6¾	2⅞	339.94		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	6	8½	RR4N	3-13	782571	10	100	170			16¼	1	1400	120		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.	160	9.6	6.6	9.5												

WATER ADDED: by Jerom DESILTER: HRS OP U.FLOW O. FLOW

MUD ADDITIVES: 160 lbs Gel

SURVEYS	
DEG	DEPTH
3¾	3837
3°	3868

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WK1	8			22056				22956	2910

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3899	3920	21	7½	76M	38	—		11	6¾	2¼	339.94		13.80

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	6	8½	RR4N	3-13	[illegible]	15	60	191	3729	3920	23½	1	1500	120		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	130	9.6	5.0	9.5					1500	SPT80	120	6"		SPT80		6"
12 NOON	145	9.6	5.2	9.5					1500	SPT80	120	6"		SPT80		6"

WATER ADDED: ½" STREAM DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 2000 #GEL 50# STAY FLOW
100 #Soda ASH
100 #PEL TEX

SURVEYS	
DEG.	DEPTH
3½	3899

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WK1	8			22156				22956	2910

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
3920	3925	5	2¼	76M	38	—		11	6¾	2¼	339.94		3'

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	[illegible]	[illegible]	[illegible]	3-13	[illegible]	[illegible]	60	196	3729	3925	2½	1	1500	120	Hoisting		

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	150	9.6	5.2	9.5												
8 P.M.	150	9.6	6	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Eco Gel

SURVEYS	
DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	[illegible]	[illegible]	[illegible]			22656				22956	3910

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 4	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: G. Lundie

APPROVED TOOLPUSHER: J. Nakubeki

WATER COST $

CUSTOMER'S COPY

REMARKS	START	STOP	HRS.
RUN SURVEY RIG SERV V BOP	12.00	12.30	½
DRLG	12.30	4.00	3½
RUN SURVEY	4.00	4.15	¼
DRLG	4.15	8.00	3¾
A. Ewasiuk DRILLER'S SIGNATURE			
RIG SERV	8.00	8.15	¼
SURVEY	8.15	8.30	¼
DRILLING	8.30	4.00	7½
			8
Rig Inspection by G. Wood Conservation Engr, DIAND. G Wood			
G Lundie DRILLER'S SIGNATURE			
Rig SERVICE & V.B.O.P's	4.00	4.45	¼
DRILL 6½" HOLE	4.45	6.30	1¾
BLOW KELLY	6.30	6.45	¼
HOIST (TIGHT) PUMP OUT of HOLE	6.45		
WORKING TIGHT SPOTS LAYING			3
DOWN 5 SINGLES		9.45	
CONDITION MUD	9.45	12.45	3
Roger Thompson DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR C KENDALL	8

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. LUNDIE	8
DERRICK H. HAYDON	8
MOTOR A. GALLISSON	8
FLOOR K. ARBUCKLE	8
FLOOR E. BERGSETH	8
FLOOR G. KELLY	8

TOUR 3 4 P.M. TO MIDNIGHT	HRS.
DRILLER R. STUCKEY	12
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	8

D. SHANK 12 MECH

INJURIES: COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE
Mech.	D.	12	D. SHANK

TOOLPUSHER'S APPROVAL J. Nakubeki

SAFETY TALKS SUBJECT Safety Slips

GIVEN BY A Lundie

№ 13996

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL O-64 DATE JAN 15 1924

DAYS FROM SPUD 35 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13995

DATE JAN 14 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	JOBS	FT. UP ON BELLY
3729								11	6¾	2¼	339.94		13.40	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	6	8½	Hyw	3-13	492571												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	61	9.6	6.7	9.0						8P80		6"				
4 A.M.	360	9.6	6.4	9.5												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 160# CMC Gel
2 - 25# Caustic

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	Wire				22656				22956	2910

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	JOBS	FT. UP ON BELLY
3729	3744	15	7½		36			11	6¾	2¼	339.94		13.80	48

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	6	8½	Hyw	3-13	492511	20	80	15'			1¼	1	1375	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	320	9.7	5.8	9.0					1375	8P80	120	6"		8P80		6"
12 NOON	210	9.7	6.0	9.0												

WATER ADDED: ¼" STREAM

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 25# Caustic
200# Soda Ash

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	Wire				22656	100 100		Jan 12	22956	2910

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	JOBS	FT. UP ON BELL
3744	3837	93	7½		37			11	6¾	2¼	339.94		13.80	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	6	8½	Hyw	3-13	[illegible]	20	80	108			9	1	1375	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	175	9.6							1400	8-P80	120	6"				
8 P.M.	175	9.7	6.2	9.5												

WATER ADDED: ¼" STREAM

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 800# Gel
[illegible]

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
						22656				22956	2910

REMARKS

	START	STOP	INTVL.
RIG SERV.	12.00	12.15	¼
CLEANING SLOUGHING HOLE	12.15		
FROM 3147 – 3208		8.00	7¾
			8

A. Ewasiuk
DRILLER'S SIGNATURE

RIG SERV	8.00	8.15	¼
CLEANING SLOUGHED HOLE.	8.15	2.45	6½
DRILLING 8½" HOLE.	2.45	4.00	1¼
			8

A. Lundie
DRILLER'S SIGNATURE

RIG SERV	4.00	4.15	¼
DRILLING 8½" HOLE.	4.15	12.00	7¾
			8

A. Ewasiuk
DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR C. KENDALL	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. LUNDIE	12
DERRICK H. HAYDON	12
MOTOR A. COLLISSON	12
FLOOR K. ARBUCKLE	12
FLOOR E. BERGSETH.	12
FLOOR G. KELLY	12

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR R. RUGGS	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
~~MUD~~ D. SHANK.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makuberski.

SAFETY TALKS - SUBJECT

GIVEN BY

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON / OFF

BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 1	CLASSIFICATION NO. 2	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER J. Makuberski.

WATER COST $

CUSTOMER'S COPY

№ 13995

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTHPEEL D-64 DATE JAN 14 1974

DAYS FROM SPUD 34 MAILING ADDRESS Edmonton ROAD CONDITIONS _____ WEATHER _____ № 13994

MIDNIGHT TO 4AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3729								11	6¾	2¼	339.94		29.45

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	[redacted]																

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	75	9.5	6.8	9.5												
4 A.M.						acc HRS										

WATER ADDED: #728-SB [redacted] NIL

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: #755 STACK SB [redacted] 70¼ acc HRS

#7135-C [redacted] 100 729-SB - 105 - DAMAGED

#7123-C [redacted] 105 LAID OUT OF STRING

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3729				29	29	2		11	6¾	2¼	339.94		29.45

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	[redacted]																

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	61	9.6	6.4	9.0						8 P80		6"		8 P80		6"
12 NOON	96	9.6	6.2	9.0												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 350 SKS

PEITEX - 132

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	¾	[redacted]	8			32608	100	32609			2910

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3729	3729				24	2		11	6¾	2¼	339.94		13.30

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8¾	[redacted]	3-13	[redacted]		CLEANING HOLE						1	1500	130		1	N.

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	167	9.7	5.6	9.0												
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4PM TO MIDNIGHT

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED ENGINE SHUT-OFF CHECKED KELLY COCK CHECKED FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS. FUEL REC'D TO-DAY GALS. TOTAL GALS. FUEL ON HAND 11:59 P.M. GALS. FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR A Lundie

APPROVED TOOLPUSHER J. Nahuberski

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
RIG SERV	12.00	12.15	¼
CLEANING TIGHT HOLE FROM	12.15	8.00	7¾
3047 - 3240			8
DRILLER'S SIGNATURE A Lundie			
Rig SERV	8.00	8.15	¼
CLEANING SLOUGHING HOLE	8.15	4.00	7¾
DRILLER'S SIGNATURE A Lundie			
RIG SERV	4.00	4.15	¼
CLEANING SLOUGHED HOLE	4.15	6.20	2¼
PULL OUT LAY DOWN STABS.	6.20	8.30	2
TRIP IN.	8.30	10.30	2
CLEANING HOLE FROM	10.30		
2942 - 3147		12.00	1½
			8
DRILLER'S SIGNATURE A Lundie			

DATE JAN 14 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR C. KENDALL	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. LUNDIE	12
DERRICK H. HAYDON	12
MOTOR A. COLLISSON	12
FLOOR K. ARBUCKLE	12
FLOOR E. BERGSETH	12
FLOOR G. KELLY	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR R. RUGGS	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
MECH D SHANK.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nahuberski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13994

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE JAN 13 1974

DAYS FROM SPUD 33 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

№ 13993

DATE JAN 13 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3575	3665	90	7¾	75M	35		11	6¾	2¼	339.94		38

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
5	8¾	MW/M	3-13	492516	25M	70	436			3¾	1	1250	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	90	9.3	8	9.5					1250	8P80	120	6"				
4 A.M.	80	9.3	8	9.5					1250	"	120	6"				

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 LBS STAYFLOW 50 LBS Peltex 50 Caustic

3 - Stag - 99 Hrs 1 - Coupon Steel & Sub - 64½ Hrs

DRILLING LINE SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	WSI	8	1	2208					22660	3010

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3665	3729	64	6½	75M	35	2	11	6¾	2⅞	339.94		29.45 Kelly Down

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
5	8¾	MW/M	3-13	492516	25M	70	500		3729	45½	1	1250	120	5	6	1

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	61	9.5	6.6	8.5					1250	8P80	120	6"		8P80		6"
12 NOON	65	9.4	6.8	9.0												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Caustic - 1 SK
PELTEX - 1 SK

DRILLING LINE SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	WSI	8	1	2260					22660	3010

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT AIR	FT. UP ON KELLY
3729							11	6¾	2⅞	339.94		29.45

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	7⅞	STC	3-12	476809							1	1600	120		IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	80	9.4	6.8	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH
2°	3729

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: [signature]
APPROVED TOOLPUSHER: J. Makubetski

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
RIG SERV V BOP	12.00	12.15	¼
DRLG	12.15	8.00	7¾
DRILLER'S SIGNATURE [signature]			
Drilling	8 00	8 15	¼
Rig Serv.	8 15	8 30	¼
Drilling	8 30	2 30	6
Drop Survey & Pull out	2 30	[illegible]	[illegible]
CHECK STABS & MAKE UP BIT	[illegible]	[illegible]	1½
[illegible]	[illegible]		8
[illegible]			
DRILLER'S SIGNATURE [signature]			
CHECK STABS & MAKE UP BIT	4 00		
Run in collars & slips	5 30		
		5 39	1½
Cut line		6.00	½
TRIP IN SLOW	6.00	8.30	2½
CLEANING HOLE from 2985	8 30		
To 3047'		12 00	
DRILLER'S SIGNATURE [signature]			

8 A.M. TO 4 P.M.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR C. KENDALL	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. LUDDIE	12
DERRICK H. HAYDON	12
MOTOR A. COLLISSON	12
FLOOR K. ARBUCKLE	12
FLOOR E. BERGSETH	12
FLOOR G. KELLY	12

TOUR 3 4 00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR R. RUGGS	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
FLOOR D. SHANK.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makubetski

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13993

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL O-64 DATE JAN 12 19 74

DAYS FROM SPUD 32 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____ № 13992

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	TONS	FT. WT.
3315	3402	97	7¾	71	32	1		11	6¾	2¼	339.94		294.5	23

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	5	8½	M44M	3-13	H82516	25M	65-70	TR	3229		15¾	1	1200	120		1	IN

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	100	9.2	8.6	9.5					1100	8 P80	85	6"				
4 A.M.	85	9.2	8.6	9.5					1250	8 P80	120	6"	1100	8 P80	100	6"

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 300 LBS Gel 75 LBS Pellex

3-STAB - 75½ hrs. 1-Ponga Stab Sub 2 hrs.

DRILLING LINE WORK	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8	1	39	22608				22660	3010

SURVEYS: DEG. DEPTH

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	TONS	FT. WT.
3402	3488	86	7¾	71	33	1		11	6¾	2¼	339.94		294.5	17

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	5	8½	M44M	3-13	H82516	25M	70	259	3229		23¾	2	1500	130		1	IN

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	50	9.2	8.6	8.5						8 P80		6"	1500	8 P80	130	6"
12 NOON	83	9.3														

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 8 SKS CHECKED #1 PUMP Mud End;
PELLEX - 1 SK. REPLACED PISTON CUP ASSEMBLYS
CAUSTIC - 1 SK. ON MUD Tank Side + FLY Wheel side

SURVEYS: DEG. DEPTH

DRILLING LINE WORK	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8	1	39	22608					3010

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	TONS	FT. WT.
3488	3575	87	7¾	72M	34			11	6¾	2¼	339.94		294.5	0

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	5	8½	M44M	2-13	H82516	25M	70	346			31¼	1	1250	120		1	IN

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	83	9.4	7.6	8.5					1400	8 P80	130	6"				
8 P.M.	75	9.4	8	9												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 50 LBS Caustic

SURVEYS: DEG. DEPTH

DRILLING LINE WORK	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8	1	38	22608				22660	3010

MIDNIGHT TO 4 PM

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE BONDOC.	FT. DRILLED SINCE BONDOC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Lawrence

APPROVED TOOLPUSHER: J. Makubenki

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
RIG SERV. ✓ BOP	12.00	12.15	¼
DRLG	12.15	8.00	7¾
			8
DRILLER'S SIGNATURE A. Lawrence			
DRILLING	8.00	9.30	½
R.G SERV BOP. CHECK.	9.30	9.45	¼
DRILLING	9.45	4.00	7¼
			8
DRILLER'S SIGNATURE A. Lawrence			
RIG SERV ✓ BOP	4.00	4.15	¼
DRLG	4.15	12.00	7¾
			8
DRILLER'S SIGNATURE A. Lawrence			

DATE JAN 12 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR C. KENDALL	12

TOUR 2 8 A.M TO 4 P.M	HRS.
DRILLER A. LUNDIE	12
DERRICK H. HAYDON	12
MOTOR A. COLLISSON	12
FLOOR K. ARBUCKLE	12
FLOOR E. BERGSETH.	12
FLOOR G. KELLY	12

TOUR 3 4.00 P.M TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	4
DERRICK R. PEARSON	4
MOTOR R. RUGGS	4
FLOOR M. SHIPPY	4
FLOOR P. DONOVAN	4
~~FLOOR~~ D. SHANK	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makubenki

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 13992

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME TEXACO IMP SOUTH PEEL D-64 DATE JAN 11 1974

DAYS FROM SPUD 31 MAILING ADDRESS Edmonton ROAD CONDITIONS _____ WEATHER _____

№ 13991

DATE JAN 11 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
3229	3229	—	—	70M	30	1		11	6¾	2¼	339.94		29.45	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	5	9½	M44N	3-13	42251							1	1100	70		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	160	9.3	12	9					2200	8P80	70	6"				
4 A.M.																

WATER ADDED: 140 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 2100 LBS Gel

3 - STABILIZERS are Rotating 5 1/8 Lug

Cougar check sub - are Rot. 18 Hrs.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WR	8	1	38	22608		22570			3010

SURVEYS

DEG.	DEPTH

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
3229	3237	8	½	70m	30	2		11	6¾	2¼	339.94		29.45	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	5	8½	M44N	3-13	42251	15	70	8			½	1	1200	85		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.									1200	8P80	85	6"		8P80		6"
12 NOON																

WATER ADDED: 180 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 3100# SODA ASH - 100#

Caustic - 100#

STAY FLO - 50#

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WR	8	1	38	22608		22570			3010

SURVEYS

DEG.	DEPTH

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP ON KELLY
3237	3315	78	7½	71M	31	1		11	6¾	2¼	339.94		29.45	30

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	5	8½	M44N	3-13	42251	25M	68	8½			7½		1100	100		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	87	9.0	8.6	9.0					1100	8-P-80	85	6"				
8 P.M.	95	9.2	8.4	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 900 LBS Gel

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
											3010

SURVEYS

DEG.	DEPTH

REMARKS

TIME START	TIME STOP	INTVL.	REMARKS
1200	1215	¼	RIG SERV
1215			REAMING & CLEANING
			FROM 3158 TO 3229
	8.00	7¾	MIX & COND MUD
		8	
			DRILLER'S SIGNATURE A. Ewasiuk
800	815	¼	RIG SERV.
815	320	7½	COND & CLEAN TO BOTTOM
320	400	½	DRILLING
		8	
			DRILLER'S SIGNATURE C. Kendall
400	415	¼	RIG SERV
415	515	1	DRILLING 8½" HOLE.
515	530	¼	RIG SERV U SWIVEL V BOP
530	1200	6½	DRLG
		8	
			DRILLER'S SIGNATURE A. Ewasiuk

TOUR 1 MIDNIGHT TO 8 AM

		HRS.
DRILLER	A. EWASIUK	8
DERRICK	R. PEARSON	8
MOTOR	R. RUGGS	8
FLOOR	M. SHIPPY	8
FLOOR	P. DONOVAN	8
FLOOR	C. KENDALL	12

TOUR 2 8 AM TO 4 PM

		HRS.
DRILLER	A. LUNDIE.	12
DERRICK	H. HAYDON	12
MOTOR	A. COLLISSON	12
FLOOR	K. ARBUCKLE	12
FLOOR	E. BERGSETH.	12
FLOOR	G. KELLY	12

TOUR 3 4 00 PM TO MIDNIGHT

		HRS.
DRILLER	A. EWASIUK	4
DERRICK	R. PEARSON	4
MOTOR	R. RUGGS	4
FLOOR	M. SHIPPY.	4
FLOOR	P. DONOVAN	4
FLOOR	D. SHANK.	12

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nakutski

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: J. Nakutski

APPROVED TOOLPUSHER: J. Nakutski

WATER COST $

CUSTOMER'S COPY

№ 13991

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Texaco DOME IMP SOUTH PEEL D-64 DATE JAN 10 19 74

DAYS FROM SPUD 30 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER -4 SW7 Clear.

№ 13270

DATE JAN 10 1974 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	SUBS	FT. IN KELLY
3120	3225	105	7¾	70m	30	1		11	6¾	2¼	339.94		19.65	0 out

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
4	8½	M44N	3-15	482241	25M	68	471			34½	1	1050	130		1	IN
											2	1050	130			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	200	9.3	10	10.5					1050	8 P80	130	6"	1050	8P80	130	6"
4 A.M.	175	9.2	11.2	10.0												

WATER ADDED: 18 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: VALVE INSERT CHANGE VALVE IN CENTER AND SPRING IN MUD TANK SIDE DISCHARGE #1 PUMP & TURNED DISCHARGE VALVE. RODS IN #1 PUMP

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8			22670	120	320	JAN 9		3010

SURVEYS

DEG.	DEPTH

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	SUBS	FT. IN KELLY
3225	3229	4	3¼	70 M	30	1		11	6¾	2¼	339.94		29.45	

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
4	8½	M44N	3-15	482241	25M	68	475	3229	3514		1	1100	130	5	8	1
5	8½	M44N	3-13	482516												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

(COLLAR) (TOTAL) 450' 2 Blade Type + 1 - Roto Type.

#1 E 2-~~3~~ STABILIZERS - 25/16 in. ROTATING

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH
½	3200

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	SUBS	FT. IN KELLY
3229	3229	—		70m	30	1		11	6¾	2¼	339.94		29.45	35

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
5	8½	M44N	3-13	482516			CLEANING TO BOTTOM								IN	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	90	9.1		9.0						8 P80		6"		8P80		6"
8 P.M.	110	9.1		9.0												

WATER ADDED: 45 Bbls DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

(TOTAL) 450'

#1 - SHOCK SUB. (Cougar) = HRS 9 ROTATING 50'

GEL 14 Bags SPERSENE - ~~1 bag~~.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WRI	8	1	38	22609	130	22576	JAN 9		3010

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: G. Mahubani

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	TIME INTVL.
R.g SERV	12⁰⁰	12¹⁵	¼
DRILL 8½ HOLE	12¹⁵	8⁰⁰	7¾
			8
D. Lundie DRILLER'S SIGNATURE			
R.g SERV	8⁰⁰	8¹⁵	¼
Survey	8¹⁵	8³⁰	¼
Drill	8³⁰	9¹⁵	¾
Trip for Bit	9¹⁵	11.30	2¼
PICK UP SHOCK SUB & MAKE UP JAM	11.30	11¹⁵	¼
TRIP IN SLOW & ROTATE	11.15	~~2.15~~	~~3~~
REAMERS PAST KICK OF		2.15	3
CLEANING TO BOTTOM.	2.15	4.00	~~1¾~~ 2¾
			8
D. Lundie DRILLER'S SIGNATURE			
R.g SERV	4⁰⁰	4¹⁵	¼
COND. MUD & CLEAN TO BOTTOM	4¹⁵	12⁰⁰	7¾
			8
D. Lundie DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M. HRS.

DRILLER	A. Lundie.	8
DERRICK	H. Haydon	8
MOTOR	A. Collisson	8
FLOOR	K. Arbuckle	8
FLOOR	E. Bergseth	8
FLOOR	G. Kelly	16

TOUR 2 8 A.M. TO 4 P.M. HRS.

DRILLER	A. Ewasiuk	8
DERRICK	R. Pearson	8
MOTOR	R. Ruggs	8
FLOOR	M. Shippy	8
FLOOR	P. Donovan	8
FLOOR	C. Kendall	8

TOUR 3 4:00 P.M. TO MIDNIGHT HRS.

DRILLER	A. Lundie	8
DERRICK	H. Haydon	8
MOTOR	A. Collisson	8
FLOOR	K. Arbuckle	8
FLOOR	E. Bergseth	8
FLOOR	D. Shank	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL G. Mahubani

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13270

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Texaco Imp South Peel DIGGY DATE JAN 9 19 24

DAYS FROM SPUD 29 MAILING ADDRESS EDMONTON ROAD CONDITIONS Good. WEATHER -10° SW-10MPH Snowing. № 13269

DATE JAN 9/24 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT AIR	LBS FT	FT. UP ON DRILL
2814	2921	107	7¼	70	27	1		11	6¾	2¼	339.94	STAB	196	24

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	4	8½	M44N	3/16	482741	24	60	107			12	1	1050	130			

MUD	VIS.	WT	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	220	9.3	9.0	11					1000		130	6				
4 A.M.	200	93	8.9	11					1000		130	6				

WATER ADDED: 50 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1200 KCL

100 STK FLOW

750 SUPER LUBE FLOW 2 Pails HME

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8			22538					3010

SURVEYS	DEG	DEPTH
	1°	2851

DRILLER'S SIGNATURE

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT AIR	SLIPS LBS	FT. UP ON SLIPS
2921	3014	93	9¼	71M	28			11	6¾	2¼	339.94		19.65	25

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO	PUMP PRESSURE	S.P.M.	T	B	G
	4	8½	M44N	3-15	482741	25M.	60-70	260			19¼	1	1100	130		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	225	9.4	12	10					1100	SP-50	130	6"				
12 NOON	220	9.4	12	10												

WATER ADDED: 70 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1600 LBS GEL 50 LBS Caustic

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅜	WRI	8			22570	180	320	JAN 9		3010

SURVEYS	DEG	DEPTH
	1°	2945

DRILLER'S SIGNATURE

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT AIR	SLIPS LBS	FT. UP ON SLIPS
3014	3120	106	7½	72M	29			11	6¾	2⅛	339.94		19.65	13

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO	PUMP PRESSURE	S.P.M.	T	B	G
	4	8½	M44N	3-15	482741	25M	60-70	366			26¾	1	1100	130		1N	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	240	9.5	12	105					1100	SP-50	130	6				
8 P.M.	200	9.4	10	10												

WATER ADDED: 70 BBLS DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1600 Bbl 50 LBS Caustic

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS	DEG.	DEPTH
	½°	3040

DRILLER'S SIGNATURE

A.M. TO P.M.

P.M. TO MIDNIGHT

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER A Makubecki

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	HRS.
R.I. SERVICE & ✓ B.O.P. KELLY COCK	12	12½	½
DRILL 8½" HOLE	12½	2²⁰	2
SURVEY @ 2851' 1°	2²⁰	3⁰⁰	½
DRILL 8½" HOLE	3⁰⁰	8⁰⁰	5
DRLG	8.00	9.30	1½
RIG SERV / BOP + RUN SURVEY	9.30	10.00	½
DRLG	10.00	4.00	6
DRLG	4.00	6.00	2
RUN SURVEY RIG SERV / BOP	6.00	6.30	½
DRLG.	6.30	12.00	5½

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO A.M.

	HRS.
DRILLER K. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR E. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUSHEK	8

TOUR 2 A.M. TO 4 P.M.

	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR	

TOUR 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
FLOOR G. Purcha	4

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL A Makubecki

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13269

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO 11 WELL Dome Inl. South Reel D-64 DATE JAN 8 1974 Nº 13267

DAYS FROM SPUD 28 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

DATE JAN 8/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
2700	2747	47	7½	30M	28	-		4	6¾	2⅞	124.64		6.47	31

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	8½	S-44	3/18	492357	9M	80	52			3½	1	800	130			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	260	9.5	11	11					900	8-8½	80	6		8-8½	80	6
4 A.M.	220	9.5	7	11.5					900	8-8½	80	6		8-8½	80	6

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Lost circ. Mat. - 200 lbs. Soda Ash

LUBE Mix - 2 Pails Mix

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
2747	2754	7												7D

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	8½	S44	3/18	492357	8M	80	1.59	2595T	2754	3¾	1	900	130	3	3	1

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	230	9.5	7.6	11												
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	3	0	-	23631	100 130	285	8		7010

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
2754	2814	60	4¾	70M	26	-	Stab.	11	6¾	2⅞	339.94	Stab.	19.65	7D

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
4	8½	M44N	13/20	482741	8D	64	60			4¾	1	1000	130			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.	240	9.6	7	11												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH
¼	2716

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED
KELLY COCK CHECKED
FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.
FUEL ON HAND 11:59 P.M. GALS.
FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO.	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR
APPROVED TOOLPUSHER J. Nakubecki

WATER COST $

CUSTOMER'S COPY

TIME START	TIME STOP	INTVL	REMARKS
12 00	2 30	2½	Drill 8½" Hole
2 30			Rig Service & B.O.P.S. & Kelly
	3 00	½	Lock & Survey ¼
3 00	8 00	5	Drill 8½" Hole
			Change Head & Liner in #2 Pump
			Slow Pump Rate 325 @ 60 SPM.
			DRILLER'S SIGNATURE
8 00	9 30	1½	Drilling 8½" Hole
9 30			Trip for Bit # 4 and pick up 7 Drill Collars - Stabilizers
	1 00	3¾	
1 00	1 30	½	Ship Cut Drill Line
1 30	3 00	1½	Run in Hole
3 00	4 30	1	Reaming To Bottom
		8	
			DRILLER'S SIGNATURE
4 00			Ream Stabilizers in to Hole
	7 15	3¼	from 2634 to 2754' = 120'
7 15	12 00	4¾	Drill
		8	
			DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	R. Sturm	4
DERRICK	D. Sieben	4
MOTOR	E. Krieger	4
FLOOR	E. Krieger	4
FLOOR	T. Wilson	8
FLOOR	M. Bushek	12

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	A. Ewhsiuk	12
DERRICK	R. Pearson	12
MOTOR	R. Ruggs	12
FLOOR	M. Shippy	12
FLOOR	P. Donovan	12
FLOOR		8

TOUR 3 4:00 P.M. TO MIDNIGHT

		HRS.
DRILLER	A. Sturm	4
DERRICK	D. Sieben	4
MOTOR	E. Krieger	4
FLOOR	E. Krieger	4
FLOOR	T. Wilson	4
Mud Engineer	G. Purchase	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nakubecki

SAFETY TALKS - SUBJECT

GIVEN BY

Nº 13267

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp South Reef D-64 DATE JAN 7 1974

DAYS FROM SPUD 27 - MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER -10° - Calm

№ 13266

DATE JAN 7/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	FT. UP ON KELLY
2612	8637	25	23½	50,000	26	2		4	6¼	2⅞	124.67	3000	17

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	3	8½	S44	3/18	492357	5	100	42			10¾	1	950	130			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	105	9.1	10	9.5					750	8-P-80	130	6		6-P-80	130	6
4 A.M.	160	9.5	13	11					925	8-P-80	130	6				

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1100 SX D WT MAT - 3000 GAL 100 SX LC

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	FT. UP ON KELLY
2637	2657	20	23¾	50M	27			4	6¾	2⅞	124.67	3000 lbs 8.47	35

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	3	8½	S44	3/18	492359	5M	100	62			16¾	1	825	130			1N.

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	210	9.6	12.8	11.5					825	8-P-80	130	6				
12 NOON	210	9.6	12.8	11												

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 100 SX [illegible]

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
			8	15	288	2253	35	2253			3140

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT. AIR	FT. UP ON KELLY
2657	43	2700	23¾	50M	27	1		4	6¾	2⅞	124.67	3000	46

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	3	8½	S44	3/18	492359	5M	100	105			24	1	925	130			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	220	9.6	15	11					900	5-P-80	140	6				
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: HAIE 40 [illegible] Caustic 100 Super Lube 750 Pill 800 Gel

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO.	CLASSIFICATION NO. 2	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

REMARKS

	START	STOP	INTVL.
DRILL 8½" HOLE (SLOUGHING IN)	12⁰⁰	1⁰⁰	1
RIG SERVICE & B.O.P.	1⁰⁰	1⁰⁵	¼
CONDITION MUD & CIRC	1⁰⁵	2⁰⁰	1
DRILL 8½" HOLE (SLOUGHING IN)	2⁰⁰	8²⁹	5¾
DRILLER'S SIGNATURE			
RIG SERV & BOP	8.00	8.15	¼
DRLG	8.15	1.15	5
TIGHT CON WORK PIPE +	1.15		
CIRC. HOLE SLOUGHING IN.		3.15	2
DRLG	3.15	4.00	¾
			8
DRILLER'S SIGNATURE			
RIG SERV. & BOP	4.00	4.15	¼
DRLG	4.15	12⁰⁰	7¾
DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER K. STURM	8
DERRICK D. SIEGEN	8
MOTOR E. KRIEGER	8
FLOOR F. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUSHEK	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR R. RUGGS	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER K. STURM	4
DERRICK D. SIEGEN	4
MOTOR E. KRIEGER	4
FLOOR F. KRIEGER	4
FLOOR T. WILSON	4
Mech. E. G. Purcha	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 13266

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP SOUTH PEEL D.64 DATE Jan 6 1924

DAYS FROM SPUD 86 MAILING ADDRESS EDMON TON ROAD CONDITIONS WEATHER

№ 13265

M-O-N-I-G-H-T T-O R-A-M R-A-M T-O A-P-E-X 10-20-30 A-P-E-X

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR		FT. UP ON KELLY
2582	13	232	23½	40,000	26	1		4	6¼	2⅞	124.67		6.47	16'

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	9⅞	[illegible]	OPEN	[illegible]	35,000	55-0	59			59½	1	750	120	4	8	1
		544		492259												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	70	8.9	9	12					750	8-P86	120	6"				
4 A.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 1800 LB GEL - 1000 LB. SOD ASH 200 LB STY. 10

SURVEYS

DEG.	DEPTH

DRILLING-LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	10	240	22505	—				3140

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
2595				50M	26			4	6¾	2⅞	131.44			7.70

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	8½	544	3-18	492359							1	750	120		1N.	

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	65	9.0	9.6	9.5					750	8-P86	120	6"				
12 NOON																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 7700# WT. MAT. 2700# GEL.

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	9	12	312	22539	33	288	JAN 6		3140

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR		FT. UP ON KELLY
2595	17	2612	2	50,000	26	1		4	6¾	2⅞	124.67		6.47	12'

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	8½	544	3/18	492359	6M	100	17			2	1	750	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: WT MAT 3100#

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: J. Nahuteski.

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
Rig Service on B.O.P.	12	12½	¼
Drilling w/ Dyna-Drill	12 45	3 00	2¼
Blow Kelly & Survey	3 00	3 30	½
Hoist (Clear Joint)	3 30	5 00	1½
Lay Down Dyna-Drill	5 00	5 30	½
Clean Tank & Condition Mud - Build Volume	5 30	9 00	2½
DRILLER'S SIGNATURE			
Rig Serv & BOP	8.00	8.15	¼
Build Volume Mix Mud & Wt Material	8.15	3.15	7
Trip in 16 stds - Circ.	3.15	4.00	¾
DRILLER'S SIGNATURE			
Mix PRE MIX Mud into System. Run in 10 stds trying to tag T.D. Cleaning to bottom.	4.00	8.00	4.
Ream Hole to 2595	8 00	10 00	2
Drill 8½" Hole	10 00	12 00	2
DRILLER'S SIGNATURE			

DATE JAN 6/24 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER R. STURM	8
DERRICK D. SIEBEN	8
MOTOR E. KRIEGER	8
FLOOR E. KRIEGER	8
FLOOR T. WILSON	8
FLOOR M. BUCHEK	12

TOUR 8 A.M. TO 4 P.M.	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR R. RUGGS	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR	

TOUR 4 P.M. TO MIDNIGHT	HRS.
DRILLER [illegible]	12
DERRICK [illegible]	12
MOTOR [illegible]	12
FLOOR [illegible]	12
FLOOR [illegible]	12
Mud FLOOR G. Purcha	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nahuteski

SAFETY TALKS / SUBJECT

GIVEN BY

№ 13265

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP. SOUTH PGEL D64 DATE JAN 5 1974

DAYS FROM SPUD 25 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER Rain +33° Wind W30mph

№ 13264

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
	2536'							4	6 3/4	2 3/8	124.67		6.47	

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	9 7/8	M44N		[redacted]												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	60	8.7	13	9.5					1500	9 1/4	92	6"		9 7/8		6"
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: 12 Sxs Super Cis - 6 Bxs Kel - 10 Bags Super Loud 110 - 2 Pails Mica - 5 Bags Staylite 10 - 3 Bags Kel - 3 Bags Cmb

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	WR II	8	10	240	22505	—	22250			3140

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
2536				46M	25	1		4	6 3/4	2 3/8	124.67		50.55	

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	8 3/4	3-44	OPEN	403397		OWN DRILL					1	550	110			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	65	8.9	9	9.5			3 1/2									
12 NOON	65	8.9	12	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
	2582	46	3	[redacted]	26	—		4	6 3/4	2 3/8	124.67			DM

BITS NO.	SIZE	TYPE	JETS	[redacted] WT.	[redacted] R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	8 3/4	5-44	OPEN			46			3	1	725	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	66	8.9	12	11					725	9 7/8	110	6"		9 7/8		6"
8 P.M.	70	8.9	9	12					725	9 7/8	110	6"		9 7/8		6"

WATER ADDED: 1/2 bbl STEAM 4 HR DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.
FUEL REC'D TO-DAY	GALS.	1.	
TOTAL	GALS.	2.	
		3.	
FUEL ON HAND 11:59 P.M.	GALS.	4.	
FUEL USED	GALS.	5.	
		6.	

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: [signature]

APPROVED TOOLPUSHER: J. Nakubeshi

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL.
CIRC + WAIT ON CEMENT	12 00	6 00	6
Run in hole to top of plug at 2531'	6 00	7 30	1 1/2
Drilled 5' of cement.	7 30	7 45	1/4
Circ Hole.	7 45	8 00	1/4
DRILLER'S SIGNATURE [signature]			
RUN SURVEY + RIG SERV.	8 00	8 30	1/2
TRIP OUT.	8 30	10 00	1 1/2
INSPECT COLLARS + SUBS	10 00	12 00	2
MAKE UP TOOLS FOR COUGHR DYNA DRILL	12 00	1 00	1
RUN IN SLOW	1 00	3 00	2
CIRC + RUN SURVEY	3 00	4 00	1
DRILLER'S SIGNATURE [signature]			
RUN IN hole with Dyna drill	4 00	8 00	4
DRILLING w/DYNA-DRILL	8 00	12 00	4
Condn & Survey (Miss Run)	11 00	12 00	1
DRILLER'S SIGNATURE [signature]			

DATE JAN 6/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER K. STURM	8
DERRICK D. SIEBAN	8
MOTOR E. KRIEGER	8
FLOOR E. KRIEGER	8
FLOOR T. WILSON	4
FLOOR M. BUCHEK	12

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. EWASIUK	12
DERRICK R. PEARSON	12
MOTOR R. RUGGS	12
FLOOR M. SHIPPY	12
FLOOR P. DONOVAN	12
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER K. STURM	4
DERRICK D. SIEBAN	4
MOTOR E. KRIEGER	4
FLOOR E. KRIEGER	4
FLOOR T. WILSON	4
Mud FLOOR G. Purcha	12

INJURIES: COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Nakubeshi

SAFETY TALKS SUBJECT

GIVEN BY

№ 13264

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP SOUTH PEEL D 64 DATE JAN 4 19 74 Nº 13263

DAYS FROM SPUD 24 MAILING ADDRESS EDMONTON ROAD CONDITIONS _____ WEATHER _____

DATE JAN 4/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES
				36	13	2

DRILL COLLARS: NO. 4 | O.D. 6¾ | I.D. 2¾ | LENGTH 124.67 | WT. AIR 6.97 | FT. UP ON KELLY DOWN

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8½	HWHNG	—	910751							1	1200	90			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	50	8.7	11.5	9.5					1500	8P80	90	6"		8P80		6"
4 A.M.	40	8.7	11.5	9.5												

WATER ADDED: 1ST STREAM 66 Bbls. DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: SUPER VIS - 6 SKS
GEL - 3 SKS

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WIRE	8	10	240	22605		22250			3140

SURVEYS

DEG.	DEPTH

REMARKS

W.O.C. Circ hole.

TIME

START	STOP	INTVL.
12 MN	8 AM	8

A. Lundie
DRILLER'S SIGNATURE

Circ & WAIT ON CEMENT

Rig Inspected by GB Wood Conservation Engineer Yellowknife Satisfactory GBWood

(Overtime on load Aircraft Dowell unit)

Gay Stevens
DRILLER'S SIGNATURE

CIRC & WAIT ON CEMENT. 4 00 PM 8

O. Lundie
DRILLER'S SIGNATURE

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES

DRILL COLLARS: NO. | O.D. | I.D. | LENGTH | WT. AIR | C.B. FT. | FT. UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	45	8.7	13	9.5					1500	8P80	90	6"		8P80		6"
12 NOON	45	8.7	13	9.5					1500	8P80	90	6"		8P80		6"

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Gel - 3 Sks

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES

DRILL COLLARS: NO. | O.D. | I.D. | LENGTH | WT. AIR | C.B. FT. | FT. UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	40	8.1	21	9.5												
8 P.M.	40	8.6	21	9.5												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Gel - 3
Supervis-6

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WIRE	8	10	240	22605	—	22250			3140

SURVEYS

DEG.	DEPTH

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.
1.	
2.	
3.	
4.	
5.	
6.	

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER G. Nahuloski

WATER COST $

CUSTOMER'S COPY

4 PM TO MIDNIGHT

DRILLER	HRS.
A. LUNDIE	8
H. HAYDON	8
A. COLLISSON	8
K. ARBUCKLE	8
E. BERGSETH	8
G. KELLY	8

8 AM TO 4 PM

DRILLER	HRS.
R. STURM	9
D. SIEBEN	9
E. KRUGER	10
F. KRUGER	10
T. WILSON	10
A. BUSHEK	10

4 PM TO MIDNIGHT

DRILLER	HRS.
A. EWASIUK	8
DERRICK R. PEARSON	8
MOTOR R. RUGGS	8
FLOOR M. SHIPPY	8
FLOOR P. DONOVAN	8
~~DRILLER~~ G. Purcha	12

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL G. Nahuloski

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

Nº 13263

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp South Pool 064 DATE Jan 3 19 74 No. 13262

DAYS FROM SPUD 23 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER +18 - Wind Calm.

DATE Jan 3/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	CB FT	FT UP ON KELLY
				50	26	2		4	6¾	2⅞	124.59			

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8½	M4N	—	910753												

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WM	8	9	216	2925.81		2725.0			3140

SURVEYS

DEG.	DEPTH

REMARKS

	START	STOP	INTVL
Rig Serv.	12⁰⁰	12²⁵	¼
Run in with bit to clean hole.	12¹⁵	1⁴³	1½
Circ.	1⁴³	3¹⁵	1½
~~Pulled out~~	3²²	4¹⁵	1
Wait on Cement Unit and cementing material.	4¹⁵	8⁰⁰	3¾
			¼
			8

O Lundle DRILLER'S SIGNATURE

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	CB FT	FT UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	50	9.7	16	95					375	Ep20/20	6			8P80		6"
12 NOON																

WATER ADDED: ½ in Stream 4 P.M. DESILTER: HRS. OP. — U.FLOW — O. FLOW —

MUD ADDITIVES: Super Lube Ten 10 Days
HME - 2 Pails

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH

REMARKS

	START	STOP	INTVL
Wait on cement unit & cementing material.	8⁰⁰	11⁰⁰	3
Run in open end	11⁰⁰	12⁰⁰	1
Circ & wait on cementing Mat	12⁰⁰	4⁰⁰	4

Ray Stern DRILLER'S SIGNATURE

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	OD	ID	LENGTH	WT AIR	SLIDS 6-47	FT UP ON KELLY
				36	13	2		4	6¾	2⅞	124.67		Down	

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8½	M4NG	—	910753							1	150	90			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.									150	8P80	90	6"		8P80	90	6"
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Low Side track plug #1 - Interval 2635-2235 w/ 176 sks. Adpac cement + 27 sks. 20/40 sand + 160 lbs Salt. + T.I.C - 1% Plug in place at 8:30 PM.

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH

REMARKS

	START	STOP	INTVL
Circ & wait on Cement Material	4⁰⁰	6⁰⁰	2
Circ & Rig up Dowell Unit.	6⁰⁰	7⁴⁵	1¾
Cement	7⁴⁵	8¹⁵	½
Pump down Plug	8¹⁵	8³⁰	¼
Pull out	8³⁰	10⁰⁰	1½
Run with bit circ. S.L.M. 1443.49	10⁰⁰	12⁰⁰	2
			8

O Lundle DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundle	8
DERRICK H. Haydon	8
MOTOR A. Collisson	8
FLOOR K. Arbuckle	8
FLOOR E. Bergseth	8
FLOOR G. Kelly	13

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER R. Sturk	12
DERRICK D. Sieben	12
MOTOR E. Krieger	12
FLOOR E. Krieger	12
FLOOR T. Wilson	12
FLOOR M. Buchek	12

TOUR 3 4 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Lundie	5
DERRICK H. Haydon	5
MOTOR A. Collisson	5
FLOOR K. Arbuckle	5
FLOOR E. Bergseth	5
Mud Man G. Purcha	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL J. Makuchetski

SAFETY TALKS - SUBJECT

GIVEN BY

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR Ray Stern

APPROVED TOOLPUSHER J. Makuchetski

WATER COST $

CUSTOMER'S COPY

No. 13262

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Emp South Peel D 64 DATE JAN 2 19 74

DAYS FROM SPUD 22 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER +36 Wind 3 South

Nº 13261

DATE JAN 3/74 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 4 A.M.

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT AIR	LB FT	FT UP ON KELLY
				48	26	2421.32	4	6¾	2¾	124.84		348	13.78

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
										WASH PIPE						
										62.31						

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	68	8.8	10	9.5					2750	8P80	80	6"		7P80		6"
4 A.M.	68	8.8	10.5	9.5												

WATER ADDED: 1 STREAM 25 BBLS DESILTER: HRS. OP U FLOW O FLOW

MUD ADDITIVES: KCL - 35 KG

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FREY SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	BROWN	8	8	192	22557		22350			7140

SURVEYS

DEG.	DEPTH

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT AIR	LB FT	FT UP ON KELLY

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP U FLOW O FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FREY SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

FROM	TO	FOOTAGE	HRS ON BOTTOM	WT DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	OD	ID	LENGTH	WT AIR	LB FT	FT UP ON KELLY

BITS NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS IN	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U. FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FREY SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

BOP	SIZE	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST $

CUSTOMER'S COPY

REMARKS	TIME START	TIME STOP	INTVL
R.J. SERV.	12 AM	12½	½
PULL OUT	12½	1 AM	1½
CUT OUT SHOE	1 AM	2½	1½
RUN IN	2½	4 00	1½
CLIMN TO TOP OF FISH +	4 00		
TRY TO WASH OVER SAME		7 00	3
BLOW KELLY + PULL OUT	7 00	8 00	1
			8
G Luedke DRILLER'S SIGNATURE			
FINISH OUT	8 00	9 00	1
RIG SERVICE + B.O.P.	9 00	9 15	¼
BREAK DOWN FISHING TOOLS	9 15		
LAY DOWN WASH OVER PIPE		10 00	¾
WAIT ON CEMENT UNIT	10 00	4 00	6
Ray Sturm DRILLER'S SIGNATURE			
WAIT ON CEMENT UNIT	4 00	12 00	8
G Luedke DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M. — HRS.

DRILLER	A. LUNDIE	8
DERRICK	H. HAYDON	8
MOTOR	A. COLLISSON	8
FLOOR	K. ARBUCKLE	8
FLOOR	E. BERGSETH	8
FLOOR	G. KELLY	8

TOUR 8 A.M. TO 4 P.M. — HRS.

DRILLER	R. STURM	12
DERRICK	O. SIEBEN	12
MOTOR	E. KRIEGER	12
FLOOR	E. KRIEGER	12
FLOOR	T. WILSON	12
FLOOR	M. BUCHEK	12

TOUR 3 4:00 P.M. TO MIDNIGHT — HRS.

DRILLER	A. LUNDIE	4
DERRICK	H. HAYDON	4
MOTOR	A. COLLISSON	4
FLOOR	K. ARBUCKLE	4
FLOOR	E. BERGSETH	4
FLOOR	G. KELLY	4

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE
Motor Man	Mid.		D. SHANK
"	"		E. Purchase

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

Nº 13261

SON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Pan Am Sohio Dew DATE Jan 1 1974

SPUD 21 MAILING ADDRESS Edmonton ROAD CONDITIONS Poor WEATHER -11 Cloud & Soil

№ 13260

DATE Jan 1/74 RIG # 1

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	NO	OD	ID	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
		48	25	2		4	6¾	2¼	124.81		2335	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

ADDED:

ADDITIVES:

DESILTER: HRS. OP. U.FLOW O. FLOW

SURVEYS

DEG.	DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	Lon	8	2	120	2421		2225			4015

TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	NO	OD	ID	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
70	88	5	95					300	8¼ 850	80	6		5¼ 750		

ADDED: 1 lin Steam 4 Hr

DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: 8 Bags Gel - 16 Bag Sapp. Clay
8 Bag Styfen - 2 Bag Cmc - 2 Bag Caustic

SURVEYS

DEG.	DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	NO	OD	ID	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
		48	26	2421.32		4	6¾	2¼	124.81			

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

ADDED: 1 Stream 12 Bbls.

DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES:

SURVEYS

DEG.	DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	Lon	8	4	148	2573		2725			4140

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

TOTAL GALS.

MOTOR HRS.

1.

2.

NEXT OIL CHANGE

CASING RECORD RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILLING	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.

REMARKS	TIME START	TIME STOP	TIME INTVL
CIRC MUD RON'S PIPE TO 2716	12⁰⁰	2⁰⁰	2
Rig Serv	2⁰⁰	2¹⁵	¼
Rig cut Power Sliver +	2¹⁵		
Lay Down Aircarong Pipe		5⁰⁰	2¾
Rig up Line unit for	5⁰⁰		
String Shot @ 2635'			
Two Runs		9⁰⁰	
Driller's Signature			
Rig Service	8⁰⁰	8¹⁵	¼
Trip out Schlumberger	8¹⁵	8³⁰	¼
Blow Kelly & Brk Circ	8³⁰	8⁴⁵	¼
Blow Kelly & Hoist	8⁴⁵	10⁴⁵	2
Break & Lay down Runner Sub	10⁴⁵		
& Over Shot & Jars.		11¹⁵	½
Lay down 2 Collars (Fish Ctr)	11¹⁵	11³⁰	¼
Pick up Wash over Pipe	11³⁰	2⁰⁰	2½
Clean to Fish	2⁰⁰	4⁰⁰	2
TOP OF Fish @ 2635			
Driller's Signature			
Rig Service & BOP	4⁰⁰	4³⁰	¼
Clean & Trip	4³⁰		
Get over Fish		7⁰⁰	2½
Blow Kelly & Hoist	7⁰⁰	9³⁰	2½
Run New Shoe on 36 Pipe	9³⁰		
& Run in to Top of Fish 2635		11⁰⁰	1½
Trip to get Shoe over	11⁰⁰		
Fish (Circulate Vis Over.)		12⁰⁰	1
			8

Driller's Signature

DRILLER	A. Lundie		
DERRICK	H. Haydon		
MOTOR	A. Collisson		
FLOOR	K. Arbuckle		
FLOOR	E Bergseth		
FLOOR	G Kelly		
DRILLER	F. Storm		
DERRICK	D. Sieben		
MOTOR	E. Krueger		
FLOOR	F. Krueger		
FLOOR	T. Wilson		
FLOOR	M. Buchek		
DRILLER	A. Lundie		4
DERRICK	H. Haydon		4
MOTOR	A. Collisson		4
FLOOR	K. Arbuckle		4
FLOOR	E Bergseth		4
FLOOR	D. Shank		4

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Tupaz

SAFETY TALKS - SUBJECT

VSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Norman Wells South Pool D64 DATE Dec 31 1973

SPUD 20 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER -30

№ 13259

DATE Dec 31/73 RIG #

I ACKNOWLEDGE HAVING WORK THESE HOURS, DURING WHICH TIM RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. INJURY WAS RECEIVED, SIGN AT BOTT OF SHEET ONLY.

DRILLER A. Lundie
DERRICK H. Haydon
MOTOR A. Collisson
FLOOR K. Arbuckie
FLOOR E. Berseth
FLOOR G. Kelly

DRILLER T. Storm
DERRICK D Seaton
MOTOR E. Krieger
FLOOR F. Krueger
FLOOR T. Wilson
FLOOR M. Bogner

DRILLER A. Lundie
DERRICK H. Haydon
MOTOR A. Collisson
FLOOR K. Arbuckie
FLOOR E. Berseth
FLOOR D. Shank

INJURIES COMPLETE OK

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BEL DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE
			M.

TOOLPUSHER'S APPROVAL T. Tupper

SAFETY TALKS - SUBJECT

TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
				25	2	4	6 3/4	2 7/16	124.87		1318'	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
										OK	PUMP	96	75		

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
45	14	54.2	10					300	XPSO	96	6"		8P80		6
55	1.5	23.4	9.5												

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: SUPER LUBE FLOW - 3 SKS Caustic - 1 SK
SUPER VISBOTEC - 12 SKS Soda ASH - 1 SK.
GEL - 6 SKS Stay Flow - 2 SKS

SURVEYS: DEG. DEPTH

NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/8	Wire	5	7	98	2246.1		2220.0			3140

TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
55	84	22	9.5					300	SP86	86	6		8P80		6"

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: 6 Super Vis - 3 Bag Gel
Bag Style

SURVEYS: DEG. DEPTH

NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

TO	FOOTAGE	HRS ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES:

SURVEYS: DEG. DEPTH

NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1	1 1/8	Wire	5	7	120	2246.1		2220.0			3140

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		

CASING RECORD RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

HOLE SIZE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.

REMARKS

START	STOP	IN./HL.
12 00	12 15	1/4
12 15	8 00	7 3/4
		8
8 00	11 00	3
11 00	11 15	1/4
11 15	12 30	1 1/4
12 30	1 15	3/4
1 15	3 15	2
3 15	3 45	1/2
3 45	4 00	1/4
4 00	4 30	1/2
4 30	4 45	1/4
4 45	5 15	1/2
5 15	9 30	
9 30	12 00	

RIG SERV.
WASH OVER 6 3/4 COLLARS.

Wash over 2630 - 2645

A. Lundie DRILLER'S SIGNATURE

WASH OVER 6 3/4" COLLARS
Rig Service B.O.P. & Blow Kelly
Hoist
Pick up overshot & Bumper Sub
Run in Slow
Circ. & Latch Fish
Work Fish

WASH OVER 2645 - 2650

DRILLER'S SIGNATURE

WORK FISH
Rig Service B.O.P.
Rig to Run Macaroni Pipe
Strap & Run Same
Circ Saine To 2716'

DRILLER'S SIGNATURE

VSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Loon Twp South Pool D-64 DATE DEC 30 1973 Nº 13258

SPUD 19 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER -17

DATE Dec 30/73 RIG # 2

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

DRILLER A. Lundie
DERRICK H. Haydon
MOTOR A. Collisson
FLOOR K. Arbuckle
FLOOR E. Bergseth
FLOOR G. Kelly

DRILLER T. Stusiak
DERRICK D. Seibel
MOTOR E. Krieger
FLOOR F. Krieger
FLOOR M. Buchet
FLOOR T. Wilson

DRILLER A. Lundie
DERRICK H. Haydon
MOTOR A. Collisson
FLOOR K. Arbuckle
FLOOR E. Bergseth
FLOOR D Shank

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Tiffin

SAFETY TALKS - SUBJECT

NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
4	6¾	2¼	124.87			

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
69	84	50	9.5					300	8P80	90	6"		8P80		6"

WATER ADDED: 42 bbls DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: Gel - 7 Bags HME -35gal

Sawdust - 14 Bags

Superlig - 7 Bags

SURVEYS: DEG. DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	Cook	8	3	72	22477		22476			3240

DRILL COLLARS

NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES:

SURVEYS: DEG. DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

DRILL COLLARS

NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
4	6¾	2¼	124.87		1378	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
											WASH PIPE		3	STDS	
											9675				

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
								300	8P80	90	6"		8P80		6"

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES:

SURVEYS: DEG. DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1¼	Cook	4	4	96	22461		22458			3240

TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	ENGINE SHUT-

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

NO.	HRS.	NEXT OIL CHANGE
1.		
2.		

CASING RECORD: RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

CORE BBL.	CLASSIFICATION	TOTAL FT.	DATE CORED	FT. DRILLED SINCE CORED	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

TIME START	TIME STOP	INTVL.	REMARKS
12:00	12:15	¼	Rig Serv
12:15	3:45	3½	Wash over 6¾ Collars
3:45	4:30	¾	Circ
4:30	6:00	1½	Pull out
6:00	8:00	2	Run in open end w/ Gun Bumper Sub & Screw in Sub - 4 Collars Drill Pipe
		8	

A. Lundie DRILLER'S SIGNATURE

8:30	8:45	¼	Rig Service & B.O.P.
8:45	9:45	1	Run to Top of Fish
9:45	1:00	3¼	Circ & Screw into Fish
1:00	3:30	2½	Rig Schlumberger & Run Dead String Tool F.P.T.
3:30	3:45	¼	Tear out Schlumberger
3:45	4:00	¼	Work Fish (Jarring up)
2:45	3:45	1	Hoist
3:45	4:00	¼	Free Point Tool Stuck 2220

D. Seibel DRILLER'S SIGNATURE

4:00	4:45	¾	Finish Cut
4:45			Rig Service & B.O.P. Rigs
	5:00	¼	Blind Rams
5:00	1:00	4	Wait on Overshot Extensions From Twick By Airforce
1:00	9:30	8½	Run in & Pick up Wash Pipe 3 Joint
9:30	12:00	2½	Wash over 6¾ Collars. Wash over 2630 - 2635

A. Lundie DRILLER'S SIGNATURE

WILSON ARCTIC DRILLING COMPANY

RIG NO. 11 — WELL Pacific Imp South Pass D-64 — DATE DEC 29 1973 — Nº 13257

M SPUD 18 — MAILING ADDRESS EDMONTON — ROAD CONDITIONS — WEATHER -6

DATE Dec 29/73 — RIG #

I ACKNOWLEDGE HAVING WORK THESE HOURS, DURING WHICH TIM RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. INJURY WAS RECEIVED, SIGN AT BOTT OF SHEET ONLY.

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
12				2½			4	6¾	2⅞	124.87		12.39	

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
										WASH OVER PIPE (2 STANDS - 62.31 WASH - SHOE 2.10)						

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
SUN.	70	7.4		9.5					500	8PX	70	6"		8P80		6"
MUD	70	8.4		9.5					500	8PX	70	6		8P80		6"

ER ADDED: — DESILTER: HRS. OP. — U.FLOW — O. FLOW

D ADDITIVES:

SURVEYS: DEG. — DEPTH

NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1	1¾	GAM	8	2	45			32250			3140

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
MUD	70	8.7½		9.5					400	8P80	100	6"		8P80		6"
SUN	70	8.4		9.5												

ER ADDED: 1-IN STREAM 3½ HR — DESILTER: HRS. OP. — U.FLOW — O. FLOW

D ADDITIVES: 2-BAGS STAFLO - 4 BAG KCL - 15 - SUPER LIG 1 BAG CET 1 BAG CAUSTIC

SURVEYS: DEG. — DEPTH

NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
				26	2		4	6¾	2⅞	124.87		12.39	

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
										WASH OVER PIPE 2 JOINTS - 62.31 WASH - SHOE 2.10						

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
MUD	60	8.7	33						300	8P80	90	6"		8P80		6"
MUD	52	8.4	30													

ER ADDED: 1" STREAM — DESILTER: HRS. OP. — U.FLOW — O. FLOW

D ADDITIVES:

SURVEYS: DEG. — DEPTH

NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1	1¾	GAM	X	2	48	22413	0	32750			3140

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED — ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS. — FUEL REC'D TO-DAY GALS.

MUD: 1. — 2. — HRS.

NEXT OIL CHANGE

ENGINE REPORT — RAN & CEM. JTS. CSG. AT FT. WITH SAX — PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILLING	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.

REMARKS

TIME START	TIME STOP	INTVL.
12 00	12 15	¼
12 15	2 00	1¾
2 00	3 00	1
3 15		½
	4 00	
4 00	6 45	2¾
6 45	8 00	1¼
		8

RIG SERV
WASH OVER DRILL COLLARS
PULL OUT (CHANGE WASH SHOE)
LAYED TWO JOINTS WASH PIPE DOWN
RUN IN SLOW TO TOP OF FISH
WASH OVER DRILL COLLARS.

C Lundie
DRILLER'S SIGNATURE

8 00	9 00	1
9 00	9 15	¼
9 15	1 45	6¾

WASH OVER 6¾ DRILL COLLARS
RIG SERVICE & B.O.P.
WASH OVER 6¾ DRILL COLLARS

D. Stuka
DRILLER'S SIGNATURE

4 00	4 15	¼
4 15	12 00	7¾
		8

Rig SERVICE & B.O.P.
WASH OVER 6¾" COLLARS

C Lundie
DRILLER'S SIGNATURE

DRILLER A. LUNDIE
DERRICK H. HAYDON
MOTOR A. COLLISSON
FLOOR K. ARBUCKLE
FLOOR E BERGSETH
FLOOR G KELLY

DRILLER F. STUKA
DERRICK D. SEIBEN
MOTOR E. KRIEGER
FLOOR F. KRIEGER
FLOOR M. BUCKEK
FLOOR F. WILSON

DRILLER A. LUNDIE
DERRICK H. HAYDON
MOTOR A. COLLISSON
FLOOR K. ARBUCKLE
FLOOR F. BERGSETH
MECH. D. SHAW

INJURIES REPORTED BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BEL DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL D. Trapnell

SAFETY TALKS - SUBJECT

VSON ARCTIC DRILLING COMPANY RIG NO. 1 WELL DOME IMP SOUTH PEEL D-64 DATE DEC 28 1973

M SPUD 17 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER -4

№ 13256

DATE DEC 28 1973 RIG #

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

DRILLER A. ELIASUK
DERRICK R. PEARSON
MOTOR R. RUGGS
FLOOR M. SHIPPY
FLOOR P. DONAVAN
FLOOR D. SHANK

DRILLER A. LUNDIE
DERRICK H. HAYDON
MOTOR P. COLLISSON
FLOOR K. HARBUCKLE
FLOOR E. BERGETH
FLOOR G. KELLY

DRILLER F. STURM
DERRICK D. SIEBEN
MOTOR ED KRIEGER
FLOOR F. KRIEGER
FLOOR M. BUCHEK
FLOOR T. WILSON

INJURIES COMPLETE ON

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
				26			4	6 3/4	2 7/8	124.87			

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESS.	S.P.M.	T	B	G
1	SEC	STEEL	3-12	102357			DRILLED								2	1

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
MUD	55	8.3							400	GARD	121	6"				

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: RUN BOWEN JARS IN DRILL COLLARS

SURVEYS: DEG. DEPTH

NO.	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1										

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
11.2				24	1		4	6 3/4	2 7/8	124.87	12.21		

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	SEC	MDT	C	71781			DRILLED									

WASH PIPE 12-16

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
MUD	56	8.3		8.5												
MUD	55	8.3		9.5												

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: Super Lube 20 Bags Soda Ash - 1 Bag
HME - 7991
Caustic - 1 Bag

SURVEYS: DEG. DEPTH

NO.	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1	[illegible]	8	1	24						1340

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
12							4	6 3/4	2 1/8	124.87			15'

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
MUD	70	7.8		9.5					500	SPG	66	6				
MUD	70	7.8		9.5												

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES:

SURVEYS: DEG. DEPTH

NO.	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

REMARKS	TIME START	TIME STOP	INTVL.
TRIP OUT - MEASURE SAME - MEASURE COLLARS & BIT-SUB PICK UP SAME.	12:00	1:00	1
	1:00	2:30	1½
RUN IN W/ 8½ BIT TO CONT HOLE.	2:30	5:00	2½
RUN IN 33 STDS. CIRC TO CLEAN			
CUT HOLE TO TOP OF FISH	5:00	7:00	2
RUN IN 1 STD AT A TIME. PUT KELLY IN TO CLEAN	7:00	8:00	1
OUT RIG SERV.	8:00	8:15	¼
CLEAN OUT TO TOP OF FISH	8:15	10:00	1¾
CIRC TO CLEAN HOLE.	10:00	10:15	¼
RUNNING TRIP 11 STDS	10:15	11:30	1¼
CIRC.	11:30	1:00	1½
PULL OUT TO RUN WASH PIPE	1:00	2:45	1¾
PICK UP 4 JOINTS OF 8" WASH OVER PIPE & JARS	2:45		
SUB MAKE UP SAME.		4:00	1¼
			8
RIG SERVICE	4:00	4:15	¼
MAKE UP WASH PIPE - 8 1/8	4:45	5:00	¾
RUN IN SLOW	5:00	8:00	3
BREAK CIRC & CLEAN TO	8:00		
TIP OF FISH @ 2570 ±		10:00	2
WASH OVER 6 3/4 Drill Collars	10:00	12:00	2

DRILLER'S SIGNATURE

TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.

MOTOR HRS. NEXT OIL CHANGE
1.
2.

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX
PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

CORING CLASSIFICATION TOTAL DATE FT. DRILLED FT. DRILLED TOTAL FT.

VSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP SOUTH PEEL D-64 DATE DEC 27 1973 No. 13255

M SPUD 16 MAILING ADDRESS EDMONTON ROAD CONDITIONS WEATHER

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1A	8¾	S-44	3-12	192358										1	1	

NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
12	6¾	2¼	368.40		3.15	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

D ADDITIVES:

SURVEYS: DEG. DEPTH

NO.	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1A	USI	8				1120	2225			3140

FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS
112	6½	68	27	2	

NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
12	6¾	2⅛	368.40		3.15	15

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	7⅞	S-44	3-10	192358			1602			37				1	1	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
30	8.5								SP8C		6"		8P30		6"
20	8.5														

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

D ADDITIVES: Super VIS- 75 Bags KCL- 30 Bags
Super Lub- 25 Bags
HME- 12 Gal.

SURVEYS: DEG. DEPTH

NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1	12¼	USI	8				1120	2229			3140

FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS

NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	8¾	S-44	3-10	192358											1A	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
100	8.5											320 spm			

ER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

D ADDITIVES: HME 1 Gal
LUBE FLO-5

Bailed Sly at 2576'

SURVEYS: DEG. DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED
ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.
FUEL REC'D TO-DAY GALS.
TOTAL GALS.

MOTOR HRS. NEXT OIL CHANGE
1.
2.

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX
PLUS % .PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILLED	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.

REMARKS

	START	STOP	INTVL
RIG SERV / BOPs	19.00	12.15	4½
UNLOAD DC-3. TOOLS	12.15		
+ EQUIPENT FOR LINE			
UNIT. 3 MEN ON DC-3			
LOADING & UNLOADING			
EQUIPMENT FROM		8.00	7¾
NORMAN WELLS. WHILE			
STUCK IN HOLE			8
DRILLER'S SIGNATURE			
Rig Serv	8.00	8.15	¼
Rig up line unit	8.15	3.00	6¾
Run 2¾ OD wire line	3.00		
OVER SHOT TO RETRIEVE			1
Survey Bit. (Fail To Pick up)		4.00	
Pick up Back F.P.I. Tool			8
Run inside Pipe To Find Free			
Point			
DRILLER'S SIGNATURE			
Pick up Baer F.P.I. Tool	4.00		
Run inside Pipe To Find			
Free. Point		7.30	3½
Run in with string shot	7.30	8.00	½
Shot string of at 2555 2576'	8.00		
Pipe backed of. Okay.		7.30	
Pick up Kelly. Start Circ.		9.30	1½
~~Fail~~ Circ.	9.30	11	1½
Trip out.	11	12	1
DRILLER'S SIGNATURE			8

DATE DEC 27 1973 RIG # 1

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

DRILLER	A. EWASIUK
DERRICK	R. PEARSON
MOTOR	R. RUGGS
FLOOR	M. SHIPPY
FLOOR	P. DONOVAN
FLOOR	D. SHANK

DRILLER	A. LUNDLE
DERRICK	H. HAYDON
MOTOR	A. COLLISSON
FLOOR	K. ARBUCKLE
FLOOR	E. BERGSETH
FLOOR	G. KELLY

DRILLER	A. EWASIUK
DERRICK	R. PEARSON
MOTOR	R. RUGGS
FLOOR	M. SHIPPY
FLOOR	P. DONOVAN
FLOOR	

INJURIES COMPLIANCE

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

ARCTIC DRILLING COMPANY RIG NO. 11 WELL Duck Island South Pad D-64 DATE Dec 26 1973 Nº 13254

SPUD 1:5 MAILING ADDRESS Fairbanks ROAD CONDITIONS WEATHER

DATE DEC 26 1973 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

	HRS
DRILLER A. Ewasiuk	8
DERRICK R. Pearson	8
MOTOR R. Buggs	8
FLOOR M. Shippy	8
FLOOR P. Donovan	8
FLOOR D. Shanik	12

	HRS
DRILLER A. Lundie	12
DERRICK H. Haymon	12
MOTOR A. Collissen	12
FLOOR K. Arbuckle	12
FLOOR E. Rexseth	12
FLOOR G. Kelly	12

	HRS
DRILLER A. Ewasiuk	4
DERRICK R. Pearson	4
MOTOR R. Buggs	4
FLOOR M. Shippy	4
FLOOR D. Donovan	4
FLOOR	

INJURIES COMPLETED BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL Mahoney

SAFETY TALKS - SUBJECT

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
112		68	27	2			12	6¼	2¼	369.40		2.25	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
8½	STC	3-10-11	192378										1	1	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
60	9.1														
60	9.3														

WATER ADDED: ½" stream DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: Gel - 5 Caustic - 2

SURVEYS

DEG.	DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1½	Wire Rope	8				120	2250			3147

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
12		68	27	2			12	6¾	2¼	369.40		2.25	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
8½	STC	3-10-11	192378			11.00			37				1	1	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
60									8P80		6"		5P80		6"
60															

WATER ADDED: DESILTER: HRS. OP. — U.FLOW — O. FLOW —

ADDITIVES: GEL - 24 Bags Caustic - 1 Bag

SURVEYS

DEG.	DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1½	Wire Rope	8				120	3330			3147

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
12													

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES:

SURVEYS

DEG.	DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1½	Wire Rope	8								

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

MUD HRS. NEXT OIL CHANGE

1.

2.

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.

REMARKS	START	STOP	HRS.
SLIP + CUT LINE	12:00		
GENERAL CLEAN UP ON FLOOR + SHOP		8:00	8
Stuck in Hole out on Line Truck.			
DRILLER'S SIGNATURE A. Ewasiuk			
R.S SERV.	8:00	8:15	¼
WORK PIPE.	8:15	11:00	2¾
STUCK IN HOLE WAIT ON LINE UNIT			8
DRILLER'S SIGNATURE A. Lundie			
R.S SERV	4:00	4:15	¼
WORK PIPE STUCK IN HOLE WAIT ON LINE UNIT	4:15		4
DRILLER'S SIGNATURE			

VSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME IMP SOUTH REEL D-64 DATE DEC 25 1973 Nº 13253

AT SPUD 1/4 MAILING ADDRESS Edmonton RECORDED MERRY-XMAS WEATHER

DATE DEC 25 1973 RIG # 1

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

DRILLER A. EWASIUK
DERRICK R. PEARSON
MOTOR R. RUGGS
FLOOR M. SHIPPY
FLOOR P. DONOVAN
FLOOR D. SHANK

DRILLER A. EWASIUK
DERRICK R. PEARSON
MOTOR R. RUGGS
FLOOR M. SHIPPY
FLOOR P. DONOVAN
FLOOR

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

Bit / Hole Data

	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	8½	J-44	3-16	19235			1602			37				1	A	
	8½	S-44	3-10	19235			1602			37				1	N	
	8½	S-44	3-10	19235			1602			37				1	N	

Mud Data

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
	50	8.6								8-P		6"		9-P		6"
	43	9.8								8-P		6"		9-P		6"
ON	58	9.0														
	60	9.1														

WATER ADDED:

DESILTER: HRS. OP. U.FLOW O. FLOW

ADDITIVES: 85 SKS Gel, 3 Caustic

ADDITIVES: Caustic - GEL - 15 SKS, Caustic

ADDITIVES: Caustic - 1, GEL - 20 SKS

SURVEYS: DEG. / DEPTH

Drill Collars

	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
	12	6¼	2¼	1040		2.13	

Drilling Line

	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	WSI	8		454			2235			3266
	1"	WSI	8		454			2235			3266
	1"	WSI	8		701			2235			3266
	1"	WSI	8		701			2235			3266

Pump Data

	MAKE	MODEL	LINER	STROKE	H.P.	MAX. PRESS.	MAX. RATE
#1		8-P	6"				
#2		9-P	6"				

Engine Data

	MAKE	MODEL	H.P.	R.P.M.
#1				
#2				

Blowout Preventer Test

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		

CASING RECORD: RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

CASING	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED
					TOTAL FT.

REMARKS

TIME START	TIME STOP	INTVL
12:00	12:30	½
12:45	1:00	¼
1:00		
	8:00	7

WORK PIPE
RIG SERV & BOP'S
BUILD VOLUME & MIX MUD & RAISE VISC TO 60
Stuck in Hole

A. Ewasiuk DRILLER'S SIGNATURE

8:00	8:15	¼
8:15	11:00	7¾

RIG SERV
CIRC. MUD & WORK PIPE

A. Ewasiuk DRILLER'S SIGNATURE

11:00		
	3:00	4
3:00		
	7:00	4

Stuck in Hole

LAY & MAKE UP TEST LINE
INSULATE CRACKS IN ATCO HOUSE

Stuck in Hole.

A. Ewasiuk DRILLER'S SIGNATURE

VSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME IMP SOUTH REEL D-64 DATE DEC 24 1973

M SPUD 13 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

Nº 13252

DATE DEC 24 1973 RIG # 1

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
94	3081	187	72	68	28	2	12	6¾	2¼	368.40		2.15	RUN

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	8½	544	3-10	172358	20	85	1571			36½	1	2000	120		1N	

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
KN.	29	8.8							2000	SP40	120	6"				
M.																

TER ADDED:

D ADDITIVES:

DESILTER: HRS. OP. 5 U.FLOW 10.6 O. FLOW 7.6

SURVEYS

DEG.	DEPTH
1¼	3019

	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	NRI	8		404			33367			3314

	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
3081	3312	231	31¾	68	27		12	6¾	2¼	368.40		2.15	47

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	8½	544	3-10	172358	15	95	1602			37	1	2000	120		1N	
2	8½	544	3-11	172357												

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
M.	29								2000	SP80	120	6"				
ON	30															

TER ADDED:

D ADDITIVES: GEL - 95#
CAUSTIC - 4

DESILTER: HRS. OP. 2 U.FLOW 9.2 O. FLOW 8.7

SURVEYS

DEG.	DEPTH

	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	NRI	8		404			33356			3316

	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS NO	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
12			68									

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	8½	544	3-10	172358												

	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
M.	91															
M.	92			95												

ER ADDED:

D ADDITIVES: CC 24CS CC1
Caustic - 1

DESILTER: HRS. OP. U.FLOW O. FLOW

SURVEYS

DEG.	DEPTH

	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1½	NRI	8								

	TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILLED	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.

REMARKS

START	STOP	INTVL.
12:00	12:15	¼
12:15	5:15	5
5:15	5:30	¼
5:30	8:00	2½
		8

RIG SERV V BOP's V SWIVEL
DRLG
RUN SURVEY
DRLG

A. Ewasiuk
DRILLER'S SIGNATURE

8:00	8:15	¼
8:15	9:00	¾
9:00	9:15	¼
9:15	11:00	¾
11:00	1:00	2
1:00	4:00	3
		8

RIG SERV V BOPs.
DRILLING
DROP SURVEY & Blow Kelly
Pull out Bit #1
WORK TIGHT HOLE.
COND. MUD & WORK PIPE.

K. Lundie
DRILLER'S SIGNATURE

4:00	8:00	4
8:00	12:00	4

COND MUD
COND MUD. WORK PIPE.

Pipe stuck at 6 PM
at 2942' R.T.

A. Ewasiuk
DRILLER'S SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

TOUR	DRILLER	DERRICK	MOTOR	FLOOR	FLOOR
12 MIDNIGHT	A. EWASIUK	R. PEARSON	R. RUGGS	M. SHIPPY	P. DONOVAN
8 AM	A. LUNDIE	H. HEYDON	A. COLLISSON	K. ARBUCKLE	E. BERGSETH
4 PM	A. EWASIUK	R. PEARSON	R. RUGGS	M. SHIPPY	P. DONOVAN

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE
	M		

/SON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME IMP SOUTH DEEL D-64 DATE DEC 23 1923

SPUD 12 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

Nº 13251

DATE DEC 23 1973 RIG # 1

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

DRILLER A. EWASIUK
DERRICK R. PEARSON
MOTOR R. RUGGS
FLOOR M. SHIPPY
FLOOR P. DONOVAN
FLOOR D SHANK.

DRILLER A. LUDDIE
DERRICK H. HUYDON
MOTOR A. COLLISSON
FLOOR K. ARBUCKLE.
FLOOR F. BERGSETH.
FLOOR C. KELLY

DRILLER H. EWASIUK
DERRICK R. PEARSON
MOTOR R. RUGGS
FLOOR M. SHIPPY
FLOOR P. DONOVAN
FLOOR

INJURIES COMPLETED ON

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE
		M	

TOOLPUSHER'S APPROVAL

SAFETY TALKS SUBJECT

Run 1

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SIZE	FT. UP ON DRILL COLLARS
2336	436	7¼	56	20	2		12	6¾	2¼	368.4		2.15	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
8½	Y44	3-12	M338	28	84	526			15	1	2000	120		1/1	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
25	8.4							2000	5-P80	120	6				

DESILTER: HRS. OP. 8 U.FLOW 11.5 O. FLOW 8.5

ADDITIVES:

SURVEYS	
DEG.	DEPTH
¼	2626
½	2713

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

Run 2

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SIZE	FT. UP ON DRILL COLLARS
2616	280	6¼	60	24			12	6¾	2¼	368.4		2.15	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
8½	S44	3-10	422357	20	95	1106			21¼	1	2000	120		1/1	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
29	8.4							2000	5P80	120	6"		5P80		6"
28	8.4														

DESILTER: HRS. OP. ½ U.FLOW 92 O. FLOW 82

ADDITIVES: KCL - 50 Bags
PUT IN NEW CHARGING PUMP ON NO 1 PUMP.

SURVEYS	
DEG.	DEPTH
1¼	2429
1¼	2491
1¼	2616

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
				401			2325C			3260

Run 3

TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SIZE	FT. UP ON DRILL COLLARS
2894	278	97¾	64M.	26	2		12	6¾	2¼	368.46		2.15	

SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
8½	S44	3-10	422358	20	90	1384			28¼	1	2000	120		1/1	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
28	8.7								5P80		6"		5P80		6"
28	8.4								5-P80	120	6"				

DESILTER: HRS. OP. 3 U.FLOW 9.2 O. FLOW 9.8

ADDITIVES: KCL 50 SKS.

SURVEYS	
DEG.	DEPTH
1½	2902

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	REED	5								

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

TOTAL GALS.

NOTE HRS.

1.

2.

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILLED	CLASSIFICATION	TOTAL HRS.	DATE FOUND	FT. DRILLED SINCE SPUDDED	FT. DRILLED THIS RUN	TOTAL FT. DRILLED

REMARKS

START	STOP	INTVL.
12.00	12.15	¼
RIG SERV & BOPS		
12.15	2.15	2
DRLG		
2.15	2.30	¼
RUN SURVEY		
2.30	5.45	3¼
DRLG		
5.45	6.00	¼
RUN SURVEY		
6.00	8.00	2
DRLG		
		8
DRILLER'S SIGNATURE		
8.00	8.15	¼
RIG SERV BOP'S CHECK		
8.15	10.15	2
DRILLING 8½ HOLE.		
10.15	10.30	¼
SURVEY		
10.30	11.00	½
DRILLING		
11.00	11.30	½
WORK ON PUMPS.		
11.30	1.30	2
DRILLING		
1.30	1.45	¼
SURVEY		
1.45	3.30	1¾
DRILLING		
3.30	3.45	¼
SURVEY		
3.45	4.00	¼
WORK ON AIR LINE		
DRILLER'S SIGNATURE		
4.00	4.15	¼
RIG SERV BOPS		
4.15	9.00	4¾
DRILLING		
9.00	9.15	¼
RUN SURVEY		
9.15	12.00	2¾
DRLG		
		8
DRILLER'S SIGNATURE		

AWSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP SOUTH-PEEL D-64 DATE DEC 22 1973

OM SPUD 11 MAILING ADDRESS Edmonton ROAD CONDITIONS WEATHER

Nº 13250

DATE DEC 22 1973 RIG # 1

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	
DEG.	DEPTH

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	
DEG.	DEPTH
	1003

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
10	1900	390	7½	52				12	6¾	2¼	360.42		360.82 215	

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	8½	S44	3-10	53238	25	70	390			7¾	1	2000	120		14	

VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
38	8.4														

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	
DEG.	DEPTH
¼	1808

SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

TESTED	PRESSURE	TIME	LAST REPAIR DATE

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		

CASING RECORD RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

CASING SIZE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.

REMARKS

MAKE UP + RE-CONST FLARE LINES + REBUILD BRAKE UP MUD HOUSE.

DRILLER'S SIGNATURE

REMARKS	START	STOP	INTVL
Hoist Pipe	8:00	9:00	1
Pressure Test Blind Rams + Hydril 1500 PSI	9:00	9:15	¼
Run in Hole	9:15	10:15	1
Pressure Test Pipe Rams + Hydril	10:15	3:30	4¼
Manifold + Kelly Cock + Motor Kills 1500 PSI			
Drill out Primed Hoist and Mix	3:30	4:00	½

DRILLER'S SIGNATURE

REMARKS	START	STOP	INTVL
DRLG	4:00	8:00	4
RUN SURVEY	8:00	8:15	¼
DRLG	8:15	12:00	8

DRILLER'S SIGNATURE

TOUR FROM 12 TO 8	
DRILLER	A. LUNDLE
DERRICK	H. HAYDEN
MOTOR	A. COLLISSON
FLOOR	K. ARBUCKLE
FLOOR	E. BERGSETH.
FLOOR	G. KELLY.

TOUR FROM 8 TO 12	
DRILLER	A. EWASIUK
DERRICK	R. PEARSON
MOTOR	R. RUGGS
FLOOR	M. SHIPPY.
FLOOR	P. DONOVAN
~~FLOOR~~	D. SHANK

TOUR FROM 4 TO 12	
DRILLER	A. EWASIUK
DERRICK	R. PEARSON
MOTOR	R. RUGGS
FLOOR	M. SHIPPY
FLOOR	P. DONOVAN
FLOOR	

INJURIES COMPLIED TO

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

66-00-132-15

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Imp. South Pad DATE April 19 19 23 № 14857

DAYS FROM SPUD ____ MAILING ADDRESS ____ ROAD CONDITIONS ____ WEATHER ____

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

12 NOON TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.
FUEL REC'D TO-DAY	GALS.	1.	
TOTAL	GALS.	2.	
		3.	
FUEL ON HAND 11:59 P.M.	GALS.	4.	
FUEL USED	GALS.	5.	
		6.	

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER:

WATER COST $

CONS. BD. COPY

REMARKS

Load Out Outhers.

Close Up Camp.

DRILLER'S SIGNATURE

Travel From Rig #11 To Edmonton.

DRILLER'S SIGNATURE

TIME

START	STOP	INTVL.

DATE April 19/23 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER	
DERRICK	
MOTOR	
~~FLOOR~~ B. Russell	8
FLOOR	
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER	
DERRICK	
MOTOR	
FLOOR	
FLOOR	
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER	
DERRICK	
MOTOR	
~~FLOOR~~ B. Russell	8
FLOOR	
FLOOR	

INJURIES, COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14857

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Doris Imp. South Pool D-64 DATE April 16, 17, 18, 19 73

DAYS FROM SPUD _____ MAILING ADDRESS _____ ROAD CONDITIONS _____ WEATHER _____

№ 14858

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

12 NOON TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D	I.D	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

		MOTOR	HRS.	NEXT OIL CHANGE
FUEL ON HAND 12:01 A.M.	GALS.	1.		
FUEL REC'D TO-DAY	GALS.	2.		
TOTAL	GALS.	3.		
FUEL ON HAND 11:59 P.M.	GALS.	4.		
FUEL USED	GALS.	5.		
		6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER:

WATER COST $

CONS. BD. COPY

REMARKS

April 16th

Cats got to Airstrip at 5:30 PM.

DRILLER'S SIGNATURE

April 17th

Wait for Hero to haul Cats + Forklift.

DRILLER'S SIGNATURE

April 18th

Load Out Hrs. 4 Loads.

DRILLER'S SIGNATURE

TIME	START	STOP	INTVL.

DATE April 16, 17, 18, 19 73 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER	
DERRICK	
MOTOR	
~~Mech~~ FLOOR B. Russell	8
FLOOR	
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER	
DERRICK	
MOTOR	
~~Mech~~ FLOOR B. Russell	8
FLOOR	
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER	
DERRICK	
MOTOR	
~~Mech~~ FLOOR B. Russell	8
FLOOR	
FLOOR	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14858

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp. South Pad D-41 DATE April 13th 1973 № 14920

DAYS FROM SPUD _____ MAILING ADDRESS _____ ROAD CONDITIONS _____ WEATHER _____

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

12 NOON TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.
FUEL REC'D TO-DAY	GALS.	1.	
TOTAL	GALS.	2.	
		3.	
FUEL ON HAND 11:59 P.M.	GALS.	4.	
FUEL USED	GALS.	5.	
		6.	

NEXT OIL CHANGE

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR:

APPROVED TOOLPUSHER: L. Ditto

WATER COST $

CONS. BD. COPY

April 12th REMARKS

Refill Camp With Water
Keep Camp Open For
Arco Walking Cats
To This Location To
be Here Out From
Dome Airstrip.

DRILLER'S SIGNATURE

April 14th
Wait For Cats To
Arrive To be Hauled
Out by Herc.

DRILLER'S SIGNATURE

April 15th
Wait For Cats To
Arrive.

DRILLER'S SIGNATURE

TIME	START	STOP	INTVL.

DATE April 13 14 15 / 72 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER	
DERRICK	
MOTOR	
~~Mech~~ FLOOR B. Russell	8
FLOOR	
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER	
DERRICK	
MOTOR	
~~Mech~~ FLOOR B. Russell	8
FLOOR	
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER	
DERRICK	
MOTOR	
~~Mech~~ FLOOR B. Russell	8
FLOOR	
FLOOR	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL L. Ditto

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 14920

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Imp South Peel D-64 DATE April 12 19 72

DAYS FROM SPUD 4 MAILING ADDRESS ROAD CONDITIONS WEATHER

№ 14917

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS: DEG. / DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: M. Lee

APPROVED TOOLPUSHER: C. Lowis

WATER COST $

CONS. BD. COPY

REMARKS

INVENTORY OF PARTS
CLEAN UP COMPOUNDS
PUMPS BUILDINGS
PICK UPS LIGHT PLANTS
PREPAIR RIG FOR SUMMER
SHUT DOWN.

TIME: START / STOP / INTVL.

8 / 8

C. Lowis
DRILLER'S SIGNATURE

Tarps Set & Chemical Mud Pit
General clean up around Rig
+ Camp pit + Tested down

DATE APPROVED OIL & GAS
APR 21 1972
DISTRICT CONSERVATION ENGINEER
Northwest Territories & Yukon Territory
INUVIK, N.W.T.

DRILLER'S SIGNATURE

TEAR OUT AIRSTRIP
LIGHTS CLEAN AROUND
CAMP FOR SUMMER SHUT
DOWN.

A. Ewasiuk
DRILLER'S SIGNATURE

DATE April 12/72 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. LUNDIE	13
DERRICK H. HAUDON	13
MOTOR R. LANGLOIS	13
FLOOR T. PALIWODA	13
FLOOR A. COLLISSON	13
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER N. Schoepp	8
DERRICK N. Magnuson	8
MOTOR C. Gell.	8
FLOOR R. Johnson	8
FLOOR	
FLOOR B.C. Russell	13

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	13
DERRICK L. SCOTT.	13
MOTOR E. KRIEGER	13
FLOOR J. CLARKE.	13
FLOOR	
FLOOR	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14917

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL JAMES ISLAND SOUTH PEEL D-64 DATE APRIL 11 1972 № 14916

DAYS FROM SPUD 9 MAILING ADDRESS ROAD CONDITIONS WEATHER

DATE APRIL 11/72 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
TD	1510													

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1-8	INTRI	8		885	22231					5260

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
TD	1510													

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: FROCON 2209 ADDED TO FM. # 1, 2,

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

12 NOON TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3. FM OIL CHANGED.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: D. Kehl

APPROVED TOOLPUSHER: L. Russell

WATER COST $

CONS. BD. COPY

REMARKS

	START	STOP	HRS.
LAY DOWN 4" PIPE	12:00		
LAY DOWN 3½ KELLY		2:00	4
CHECK MUD LINE			
VALVES CHECK = 1+"2			
PUMPS + GREASE SWAB.		9:00	
			7
Rig Released From Operative To Suspended Basis 8:00 AM April 11			
K. Lenckes DRILLER'S SIGNATURE			
Check & Change mud in set tanks			
Valves put liners + heads on pumps. Change wash pipe + packing in swivel.		1:00	4
+ General Clean-up prior to shut down.	12:00		
		4:00	4
			8
GENERAL CLEAN UP ON LEASE + AROUND RIG.	4:00		
Prepare Rig For Shutdown		12:00	8
D. Kehl DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

		HRS.
DRILLER	R. Lundie	8
DERRICK	H. HAYDON	16
MOTOR	R. Langlois	8
FLOOR	T. PALIWODA	12
FLOOR	A. Collisson	12
FLOOR		

TOUR 2 8 A.M. TO 4 P.M.

		HRS.
DRILLER	N. Schoepp	8
DERRICK	N. Magnusson	8
MOTOR	C. Kreft	8
FLOOR	R. Johnson	12
FLOOR		
FLOOR	B. Russell	8

TOUR 3 4:00 P.M. TO MIDNIGHT

		HRS.
DRILLER	H. EWASIUK	8
DERRICK	L. SCOTT.	8
MOTOR	E. KRIEGER	8
FLOOR	J. CLARKE	8
FLOOR	A. Collisson	4
FLOOR		

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL L. Russell

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14916

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP SOUTH PEEL D-64 DATE APRIL 10 1973

DAYS FROM SPUD 7 MAILING ADDRESS ROAD CONDITIONS WEATHER

№ 14915

MIDNIGHT TO 8AM / 8AM TO 4PM / 4PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

REMARKS

TIME	START	STOP	INTVL.
	1200	300	3
CUT OF CASING	300	800	5
NIPPLE UP B.O.P.S			8

O Kendlo
DRILLER'S SIGNATURE

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
TD	1510													

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
6 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH
8	1/4

Head up B.O.P.S 8:00 11 HRS

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

DRILLER'S SIGNATURE

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
TD	1510													

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

HEAD UP B.O.P. → HOOK UP 4.40
LINES & CHECK ACUMILATOR AS
TO WORKING CONDITION.
Displace Sur. Csg 0-750'
W/ Diesel Fuel Used 2380 Gals.
Test Blind Rams 1700 #
15 mins Held OK M.D.
Test 4" Pipe Rams 15 min OK
M.D.

DRILLER'S SIGNATURE

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL	✓	1900	8:30	
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	2 3 GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: M Lindley

APPROVED TOOLPUSHER: A. Ewasiuk

WATER COST $

CONS. BD.. COPY

DATE APRIL 10/73 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1. MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. LUNDIE	8
DERRICK H. HAYDON	8
MOTOR R. LANGLOIS	8
FLOOR T. PALIWODA	12
FLOOR A. COLLISSON	12
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER M. Schoepp	8
DERRICK M. Magnuson	8
MOTOR C. Steff	8
FLOOR R. Johnson	12
FLOOR MACH WELDER B.C. RUSSELL	12

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	14
DERRICK L. SCOTT	10
MOTOR E. KRIEGER	14
FLOOR J. CLARKE.	14
FLOOR	
FLOOR	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW. DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL A. Ewasiuk

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14915

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome Tmp South Peel D-64 DATE April 9 19 73

DAYS FROM SPUD 6 MAILING ADDRESS _____ ROAD CONDITIONS _____ WEATHER _____

№ 14914

DATE April 9/73 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
1510														

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Ran 34 Jts 9⅝ K&C Nom. Casing Total of 1500.98 Landed @ 1500' K.B.

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	Wire	8								

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
								Cemented 7⅝" Casing w/ 200 sacks of Permafrost Cement									
								Cement in place @ 9:40 AM Float Held O.K.									
								12 bbls Cement on Returns									

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.		Displace Drill pipe w/ 15.6 PPG mud.														
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Overtime Load out Hercs.

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1"	Wire	8								

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
1510	1510													

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

REMARKS	TIME START	TIME STOP	INTVL.
Run Casing 9⅝"	12:00	5:00	5
Circ. Casing Landed @ 1500'	5:00	5:30	½
Pick up Drill Pipe.	5:30	6:45	2⅓
			8
Loading Hercs			
O Kinchla DRILLER'S SIGNATURE			
Rig Serv	8:00	8:15	¼
Rig up to Cement.	8:15	10:30	2¼
Cement Csg, Cement down @ 11:45	10:30		
		11:45	1¼
Pull pipe till dry chain rotd Blk. & clean out cellar	11:45	1:00	¼
Trench Out.	1:00	2:00	1
Check anti-freeze in L.P. W.O.C.	2:00	4:00	2
No#1 -60°, No2-50° Cap#2-40°			8
M. Sichon DRILLER'S SIGNATURE			
W.O.C. + Load Hercs	4:00	12:00	
Clean Mud Tanks.			
A. Lundie DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie	8
DERRICK H. Haydon	8
MOTOR R. Langlois	8
FLOOR T. Paliwoda	8
FLOOR A. Collisson	8
FLOOR	

TOUR 2 8 AM TO 4 P.M.

	HRS.
DRILLER M. Schumyp	11
DERRICK M. Magnuson	17
MOTOR C. Hall	15
FLOOR R. Johnson	8
FLOOR A. Collisson	8
FLOOR B. Russell	16

TOUR 3 4 00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Ewasiuk	12
DERRICK L. Scott.	12
MOTOR E. Krieger.	12
FLOOR J. Clarke.	12
FLOOR T. Paliwoda	
FLOOR	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

	GALS.
FUEL ON HAND 12:01 A.M.	
FUEL REC'D TO-DAY	
TOTAL	
FUEL ON HAND 11:59 P.M.	
FUEL USED	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. 34 JTS. 7⅝ K&C CSG. AT 15 FT. WITH 800 SAX

PLUS Perm 2 Frost PLUG DOWN 11:45 A.M. P.M. RETURNS YES/NO 12 BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: M. Kinchla

APPROVED TOOLPUSHER: L. Pinel

WATER COST $

CONS. BD. COPY

TOOLPUSHER'S APPROVAL L. Pinel

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 14914

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL Dome I.M.D SOUTH PEEL O-64 DATE APRIL 8 19 72

DAYS FROM SPUD 5 MAILING ADDRESS ROAD CONDITIONS WEATHER

№ 14913

DATE APRIL 8/72 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
1378	1510	132	60		12			8	6¼	2⅞	320.74		3405	20

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	2A	12¼	MHHN	3-14	377168	17	70	996		1510	44	1	1250	160		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	28	8.9	34.6	7.2			3/32		1230	TPH	160	6"				
4 A.M.	30	9.0	16.	7.0												

WATER ADDED: DESILTER: HRS. OP. 3 U.FLOW 9.4 O. FLOW 9.9

MUD ADDITIVES: GEL - 57 Bags

Turned Rods #1 Pump

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	URI	8		874	22320					3260

SURVEYS

DEG.	DEPTH
½	1437

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
1510				60		12		8	9 6¼	2¼	320.74	17	3405	18

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	2	4	MHHN	3-14	377158	17	70	996	615	1510	44	1	1250	160	2	2	1

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	52	9.0	8.4	7.2					1250	TPH	160	6"				
12 NOON	54	9.0	"	"												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL 6 BAGS

(SLM) OK no correction Made.

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	URI	8	3							3260

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

MIDNIGHT TO 4 P.M.

REMARKS	TIME START	TIME STOP	INTVL.
DRILL 12¼ HOLE.	12⁰⁰	1⁰⁰	1
RIG SER.	1⁰⁰	1¹⁵	¼
DRILL	1¹⁵	2⁴⁵	1½
SURVEY	2⁴⁵	3⁰⁰	¼
DRILL	3⁰⁰	7³⁰	4½
MUD UP TO LOG	7³⁰	8⁰⁰	½
OVER TIME.			8
CUT CEMET CASS			
A Lundle DRILLER'S SIGNATURE			
Circ & cond mud & hole.	8⁰⁰	8⁴²	¾
Measure Trip & (SLM)	8⁴²	1⁰⁰	2¼
& check Bit.			
Circ & cond hole to Log.	11⁰⁰	12³⁰	1½
Hoist to Log. & Lay	12³⁰		
down Stnd Reamer. Stock			
sub. & Bit sub & Jars.		2³⁰	2
Rig up Schlumberger &	2³⁰		
Log W/ Sonic. W. Scott DRILLER'S SIGNATURE		11⁰⁰	1½
LOGGING	4.00	8.00	4
PICK up & LAY DOWN 6 3½ + 9"	8.00		
COLLARS.		10⁰⁰	2
RIG UP TO RUN CASING			
+ RUN SAME	10.00		
Well Float & Shoe			
Loading Hoses		12⁰⁰	2
CHECK ANTI FREEZE			
"1 FM-60°; 2 FM-60°, 3 FM-40° A Lundle DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. LUNDLE	8
DERRICK H. HALDON	12
MOTOR R. LANGLOIS	8
FLOOR T. PALIWODA	12
FLOOR A. COLLISSON	12
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER W. Schoepp	8
DERRICK W. Magnuson	8
MOTOR C. Gieff.	8
FLOOR R. Johnson	12
FLOOR	
MUDLOGGER B.C. RUSSELL	16

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER A. EWASIUK	12
DERRICK L. SCOTT.	12
MOTOR E. KRIEGER	12
FLOOR J. CLARKE.	12
FLOOR	
FLOOR	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL E.J. Johnson

SAFETY TALKS - SUBJECT

GIVEN BY

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING (ON) OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1 BILL FNT.	4289	
2 OIL		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM: JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: W. Scott

APPROVED TOOLPUSHER: E.J. Johnson

WATER COST $

CONS. BD. COPY

№ 14913

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME E. IVIK SOUTH PEEL O-64 DATE APRIL 7 1973 Nº 14912

DAYS FROM SPUD 4 MAILING ADDRESS ROAD CONDITIONS WEATHER

DATE APRIL 7/73 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
972	1129	156	7½	54	8			8	6¼	2¼	330.74		43.05	43.05

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	2A	12¼	M44N	3-14	377158	17	70	509	615		22	1	1175	160		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	32	8.9	-	-			Trace	1175	F-1300	120	6"				
4 A.M.	30	8.9	3%	7.2			½%								

WATER ADDED: 1000 gal DESILTER: HRS. OP. U.FLOW 9.3 G.P.M. - 5 O. FLOW 8.9

MUD ADDITIVES: Replace Shaker Screen (20-36) Turned Rods IN #1 Pump

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8		814	22320					3260

SURVEYS

DEG.	DEPTH
½	1004
¼	1129

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
1129	1255	126	17½	58	9	1		8	6¼	2¼	330.74		43.05	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	2A	12¼	M44N	3-14	377158	17	70-80	741	615	2¾		1	1175	160	Run		

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	30	9.1	6.4	7.0					1175	F-1300	120	6				
12 NOON	29		6	7.0												

WATER ADDED: DESILTER: HRS. OP. 8 U.FLOW 9.2 O. FLOW 8.9

MUD ADDITIVES: 6 PM - 5 gal

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	814		22320					3260

SURVEYS

DEG.	DEPTH
½	1253

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY
1255	1378	123	17½	59	10	2		8	6¼	2¼	330.74		43.05	

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	2A	12¼	M44N	3-14	377158	17M	60-80	864			37	1	1200	160		1	N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28								1200	F-1300	160	6				
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. 8 U.FLOW 9.3 O. FLOW 8.9

MUD ADDITIVES: 5 Gal PM

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1⅛	WRI	8	814		22320					3260

SURVEYS

DEG.	DEPTH
½	1346

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON / OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	✓

FUEL ON HAND 8 A.M.	2	GALS.
FUEL REC'D TO-DAY		GALS.
TOTAL		GALS.
FUEL ON HAND 11:59 P.M.		GALS.
FUEL USED		GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: APPROVED TOOLPUSHER:

WATER COST $

CONS. BD. COPY

REMARKS	TIME START	TIME STOP	TIME INTVL.
DRILL	12⁰⁰	1³⁰	1½
RIG SER.	1³⁰	1⁴⁵	¼
SURVEY	1⁴⁵	2⁰⁰	¼
DRILL	2⁰⁰	7⁴⁵	5¾
SURVEY	7⁴⁵	8⁰⁰	¼
OVER TIME			¼
PUT ON BOP FLOWERS FLOOR AND RIG REPAIRING			8
O Lundie DRILLER'S SIGNATURE			
Rig Serv.	8⁰⁰	5¹⁵	¼
Drill 12¼ hole.	5¹⁵	3³⁰	7¼
Survey @ 1253	3³⁰	3⁴⁵	¼
Drill 12¼ hole.	3⁴⁵	4¹⁵	½
Over time load out pallets			
Park trailers on plane.			
VIII Sci. 0424 DRILLER'S SIGNATURE			
RIG SERV.	4.00	4.15	¼
DRLG	4.15	9.45	5½
RUN SURVEY.	9.45	10.00	¼
DRLG	10.00	12.00	2
A. Ewasiuk DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie.	8
DERRICK H. HAYDON	12
MOTOR R. LANGLOIS	12
FLOOR T. PHILLIMORE	12
FLOOR A. COLLISSON	16
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER M. Selonyo	8
DERRICK M. Magnuson	14
MOTOR C. Hall	14
FLOOR R. Johnson	12
FLOOR	
MECH. WELDER B.C. RUSSELL	8

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. EWASIUK	8
DERRICK L. SCOTT	12
MOTOR E. KRIEGER	12
FLOOR J. CLARKE.	12
FLOOR	
FLOOR	

INJURIES. COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

Nº 14912

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Doyle Hump South Pisel D-64 DATE April 6 1973

DAYS FROM SPUD 3 MAILING ADDRESS ROAD CONDITIONS WEATHER

№ 14911

DATE April 6/73 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. LEFT ON SCHOOL
620		—	—	54	2	1		3	8	6¾	3-D 246.45		43.05

BIT NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2A	12¼	M44N	3-14	377158				620								

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	6x19	8	2	874	22320					3260

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. LEFT ON SCHOOL
620	824	204	7	53	14	2		9	8¼	6¾	330.74		43.05

BIT NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2A	12¼	M44N	3-14	377158	15-20	70-80	204	615		7	1	1100	160			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	30	9.0							1100	PZ80	160	6				
12 NOON	30	9.0														

WATER ADDED: DESILTER: HRS. OP. U.FLOW 9.5 O. FLOW 9.0

MUD ADDITIVES: GPM 42

SURVEYS

DEG.	DEPTH
¾	756
¾	815

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	6x19	8	3	874	22320					3260

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. LEFT ON SCHOOL
824	973	149	7½	54m.	6	1		38	6¾	2¾	296.05		43.05

BIT NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2A	12¼	M44N	3-14	377158	15-20	60-80	353			14½	1	1100	160			1N

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	30	9.0							1100	PZ80	160	6				
8 P.M.	30	9.0											10:00-9.0			9.0

WATER ADDED: DESILTER: HRS. OP. U.FLOW 9.5 O. FLOW 9.0

MUD ADDITIVES: GPM-142

SURVEYS

DEG.	DEPTH
¾	910

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	6x19	8	3	874	22320					3260

8 AM TO 4 PM

4 PM TO MIDNIGHT

REMARKS	TIME START	TIME STOP	INTVL.
Fishing	12	2	2
Pull out + Lay Down	2	3	1
Square Collar			
Lay Down Kelly + Pick	3	6	3
Up w Kelly			
Run in	6	7	1
Over Time			
Ream to Btm			
A Lundie Driller's Signature			
Serv Rig	8	8	¼
Clean To Bottom 10' Fill	8	8	½
Drlg 12¼ Hole	8	12	4
Survey @ 756	12	12	½
Drill 12¼ Hole	12	3	2½
Survey @ 815	3	3	¼
Drill 12¼ Hole	3	4	1
Hi Sus extreme clean up Prior to Breakup + Haul Fuel + Chemicals from air strip to Rig + Miscellaneous Steel Pile. N. Sidoryn Driller's Signature			
Rig Serv	4	4	¼
Drlg	4	8	4
Run Survey.	8	8	¼
Drlg	8	12	3½
			8
Overtime = Lay Pads for Mud			
Cement + Chemicals Haul Shmein			
From Airstrip To Lease A. Lundie Driller's Signature			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie	12
DERRICK H. Haydon	12
MOTOR R. Langlois	12
FLOOR T. Paliwoda	12
FLOOR A. Callisson	8
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER N. Sidoryn	12
DERRICK H. Haymond	12
MOTOR C. Huff	12
FLOOR K. Johnson	12
FLOOR	
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Ewasiuk	12
DERRICK L. Scott.	12
MOTOR E. Krieger	12
FLOOR J. Clarke	12
FLOOR	
FLOOR	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL E. E. Johnson

SAFETY TALKS - SUBJECT

GIVEN BY

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % .PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE FT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER E. E. Johnson

WATER COST $

CONS. BD. COPY

№ 14911

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL LOUISE ISLAND SOUTH PEEL D-64 DATE APRIL 5 1972

DAYS FROM SPUD 2 MAILING ADDRESS ROAD CONDITIONS WEATHER

№ 14910

DATE APRIL 5/73 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 AM — 8 AM TO 4 PM — 4 PM TO MIDNIGHT

Bit Record

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON
352	366	114	7½	49				7	6¼	2¼	292.65		57.56	13

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1A	12¼	S-33	3-16	H03161	10m	70	366	0		20	1	500	120			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	35								500	8480	120	6"				6"
4 A.M.	43															

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL-15 Bags Turned Rods; #1 Pump

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WAI	8			22204					3260

SURVEYS

DEG.	DEPTH
¾	124
¼	364

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON
366	560	194	7½	54	1	2		18	6¼	2¼	330.74			25

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1A	12¼	S-33	3-16	H03162	10-20	70-40	560	0		27½	1	1000	160			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	45								1600	8P50	160	6"				
12 NOON	23															

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - Bags

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1¼	WAI	8	1		22163					3260

SURVEYS

DEG.	DEPTH
½	457

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON
560	628	59	4	54	2	1		18	6¼	2¼	246.18		57.56	13

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1A	12¼	S-33	3-16	H03167	15-20	80	619			31	1	1000	160	2	1	5
2A	12¼	M4N	3-14	370159				615								

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	30								1000	8-P-50	160	6				
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

SURVEYS

DEG.	DEPTH
1½°	615

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON/OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.	
FUEL REC'D TO-DAY	GALS.	
TOTAL	GALS.	
FUEL ON HAND 11:59 P.M.	GALS.	
FUEL USED	GALS.	

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT.	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOBC.	FT. DRILLED SINCE SONOBC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: APPROVED TOOLPUSHER:

WATER COST $

CONS. BD. COPY:

REMARKS

REMARKS	TIME START	TIME STOP	INTVL.
Rig Ser.	12⁰⁰	12⁴⁵	¾
Drill	12¹⁵	3⁴⁵	3½
Survey	3⁴⁵	4⁰⁰	¼
Drill	11⁰⁰	7¹⁵	3¼
Survey	7¹⁵	7³⁰	¼
Drill	7³⁰	8⁰⁰	½
			8

L. Lundie
DRILLER'S SIGNATURE

Rig Serv	8⁰⁰	8¹⁵	¼
Drill 12¼ hole.	8¹⁵	12³⁰	4¼
Survey @ 457	12³⁰	12⁴⁵	¼
Drill 12¼ hole.	12⁴⁵	4⁰⁰	3¼
4 hrs overtime, clean up			
load for shut down, prepare			
csg. pile pallets & band saw for			
shipping.			

W. Schoepp
DRILLER'S SIGNATURE

RIG SERV.	4.00	4.15	¼
DRLG	4.15	7.45	3½
DROP SURVEY	7.45	8.00	¼
TRIP OUT + IN	8.00	10.00	2
WERK DOWN TO BOTTOM	10.30	11.00	½
DRILLING.	11.00	11.30	½
TWIST OFF. THREADS ON KELLY.	11.30	12.00	½
4 HRS. OVERTIME. SPOT HALLIBURTON			
~~WELL~~ + SCHLUMBERGER UNITS.			

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER A. Lundie	8
DERRICK H. Mayson	12
MOTOR R. Langlois	8
FLOOR T. Pakiwoda	12
FLOOR A. Collisson	12
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER W. Schoepp	12
DERRICK W. Magnuson	12
MOTOR C. Krieg	12
FLOOR R. Johnson	12
FLOOR	
FLOOR	

TOUR 3 4 P.M. TO MIDNIGHT

	HRS.
DRILLER A. Ewasiuk	12
DERRICK L. Scott.	12
MOTOR E. Krieger	12
FLOOR J. Clarke	12
FLOOR	
FLOOR	

INJURIES - COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL E.H. Johnson

SAFETY TALKS - SUBJECT

GIVEN BY

№ 14910

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Deine Imp South Pad D-64 DATE April 4 19 73 № 14909

DAYS FROM SPUD 1 MAILING ADDRESS ROAD CONDITIONS WEATHER

DATE April 4 '73 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
0	93	93	2	19M1				1	8"	2 7/8	44.14		41

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1A	12 1/4	S-33	3-16	403427	4M1	50	93	0			1	200	60			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.									200	SPT80	60	6"				
4 A.M.	60		-													

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE SLIP RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRS	8			22.204					

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
93	182	89	7	32				2	6 3/4	2 1/2	116.49		35.06

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1A	12 1/4	S-33	3-16	403169	10-20	60	182	0		8 1/4	1	400	100			

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	60		-	-									400	SPT80	100	6
12 NOON	55		-	-												

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL - 10 Bags
Replaced Shaker Screen (20-30)

SURVEYS

DEG.	DEPTH
1/4	182
1/2	182

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRS	8			22.204					2360

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO	O.D.	I.D.	LENGTH	WT. AIR	FT. UP ON KELLY
182	252	70	5 1/2	40	-	-		3	6 3/4	2 1/2	192.01		20

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
	1A	12 1/4	S-33	3-16	403169	10-20	60	252	0		13 3/4	1	400	100	35.06		

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	54															
8 P.M.	54															

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:
1-9" DC - STRING R. - 90 TO 6 3/4 DC. 4 6 3/4 DC.
BIT, BIT SUB, 5 8 DC, 1-9" DC, SHOCK SUB, 1-9" DC - JARS

SURVEYS

DEG.	DEPTH
1/4	219

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
	1 1/4	WRS	8								

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS				
BLANK RAMS				

TOTCO RING ON OFF BOILER OPERATED 24 HRS.

CROWNOMATIC CHECKED	✓
ENGINE SHUT-OFF CHECKED	✓
KELLY COCK CHECKED	✓
FIRE EQUIP. CHECKED	✓

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: M. Scott

APPROVED TOOLPUSHER: Ed Johnson

WATER COST $

CONS. BD. COPY

REMARKS	START	STOP	INTVL.
RIG UP TO SPUD	18:00	6:00	6
SPUD IN AT 6:00 A.M. APRIL 4. Drlg 12¼" Hole	6:00	8:00	2
			8
Danny Wood DRILLER'S SIGNATURE			
Rig SER	8:00	8:15	1/4
DRILL	8:15	11:00	3 3/4
SURVEY	11:00	11:15	1/4
DRILL	11:15	1:00	1 1/2
SURVEY	1:00	1:15	1/4
DRILL	1:15	4:00	2
Drilling Collars & Grapple			8
C Scheele DRILLER'S SIGNATURE			
RIG SERV.	4:00	4:15	1/4
DRILL 12¼ HOLE.	4:15	7:15	3
Survey @ 219	7:15	7:30	1/4
Drill 12¼ hole.	7:30	9:30	2
Hoist to install shock sub + Jars in String + Run in	9:30	11:30	2
Drill 12¼ hole.	11:30	1:30	2
M. Scott DRILLER'S SIGNATURE			

TOUR 1 MIDNIGHT TO 8 A.M.

	HRS.
DRILLER E. WOOD	8
DERRICK D. SEIBEN	8
MOTOR S. WERSDAL	8
FLOOR A. KLEIN	8
FLOOR G. LEE	8
~~DERRICK~~ FLOOR L. SCOTT	12

TOUR 2 8 A.M. TO 4 P.M.

	HRS.
DRILLER A Lundie	8
DERRICK H. Hamon	8
MOTOR R. Arnaloos	8
FLOOR T. Palmedo	8
FLOOR A. Collisson	8
FLOOR W PUGAR	4

TOUR 3 4:00 P.M. TO MIDNIGHT

	HRS.
DRILLER M. Scheele	12
DERRICK M. Wagnerson	12
MOTOR C. Craft	12
FLOOR R. Johnson	12
FLOOR	
FLOOR J CLARKE	12

INJURIES - COMPLETE BELOW -

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL Ed Johnson

SAFETY TALKS - SUBJECT

GUSTAVSON ARCTIC DRILLING COMPANY RIG NO. 11 WELL DOME IMP. SOUTH PEEL D-164 DATE APRIL 4 1923

DAYS FROM SPUD _____ MAILING ADDRESS _____ ROAD CONDITIONS _____ WEATHER _____

№ 14856

MIDNIGHT TO 8 AM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 AM TO 4 PM

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 PM TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS.	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS

DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED	
ENGINE SHUT-OFF CHECKED	
KELLY COCK CHECKED	
FIRE EQUIP. CHECKED	

FUEL ON HAND 12:01 A.M.	GALS.
FUEL REC'D TO-DAY	GALS.
TOTAL	GALS.
FUEL ON HAND 11:59 P.M.	GALS.
FUEL USED	GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE SIZE	DRILL PIPE JT	CLASSIFICATION NO. 2	CLASSIFICATION NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: _____

APPROVED TOOLPUSHER: _____

WATER COST $

CONS. BD. COPY

TIME START	TIME STOP	INTVL.	REMARKS
			MOVE
1PM			MOVE CEMENT + MISC
			ITEMS FROM STRIP
	12M	10	TO LEASE

DRILLER'S SIGNATURE _____

DRILLER'S SIGNATURE _____

DATE APRIL 4 1923 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	10
DERRICK	
MOTOR E. KRIEGER	10
FLOOR	
FLOOR	
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER	
DERRICK	
MOTOR	
FLOOR	
FLOOR	
FLOOR	

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER	
DERRICK	
MOTOR	
FLOOR	
FLOOR	
FLOOR	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL _____

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 14856

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME ET AL N.P. SOUTH PEEL D-64 DATE APRIL 4 1923 № 14855

DAYS FROM SPUD ____ MAILING ADDRESS ____ ROAD CONDITIONS ____ WEATHER ____

MIDNIGHT TO 8 A.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
12 MN.																
4 A.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

8 A.M. TO 4 P.M.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
8 A.M.																
12 NOON																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

4 P.M. TO MIDNIGHT

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. FT.	FT. UP ON KELLY

BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G

MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP # 1 PRESS.	MODEL	S.P.M.	LINER	PUMP # 2 PRESS	MODEL	S.P.M.	LINER
4 P.M.																
8 P.M.																

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES:

SURVEYS	DEG.	DEPTH

DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE
HYDRIL				
PIPE RAMS.				
BLANK RAMS.				

TOTCO RING ON/OFF BOILER OPERATED HRS.

CROWNOMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

FUEL ON HAND 12:01 A.M. GALS.

FUEL REC'D TO-DAY GALS.

TOTAL GALS.

FUEL ON HAND 11:59 P.M. GALS.

FUEL USED GALS.

MOTOR	HRS.	NEXT OIL CHANGE
1.		
2.		
3.		
4.		
5.		
6.		

CASING REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAX

PLUS % PLUG DOWN A.M. P.M. RETURNS YES/NO BBLS.

DRILL PIPE: SIZE	JT	CLASSIFICATION NO. 2	NO. 3	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED

APPROVED OPERATOR: A. Lewis

APPROVED TOOLPUSHER: E. Gustavson

WATER COST $

CONS. BD. COPY

REMARKS

TRAVEL TIME FROM EDMONTON TO RIG 11 — 8

A. Lewis
DRILLER'S SIGNATURE

TRAVEL TIME FROM RIG 11 TO EDMONTON — 8

B. Wood
DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

TIME	START	STOP	INTVL.
			8
			8

DATE APRIL 4 1923 RIG # 11

I ACKNOWLEDGE HAVING WORKED THESE HOURS, DURING WHICH TIME I RECEIVED NO INJURIES.

EMPLOYEE MUST SIGN PERSONALLY. IF INJURY WAS RECEIVED, SIGN AT BOTTOM OF SHEET ONLY.

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER A. EWASIUK	8
DERRICK	
MOTOR E. KRIEGER	8
FLOOR	
FLOOR Travel Time	
FLOOR From Edmonton To Rig	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER B. WOOD	8
DERRICK D. SEIBEN	8
MOTOR S. WEBSDALE	8
FLOOR A. KLEIN	8
FLOOR G. LEE	8
~~FLOOR~~ MECH W. PUDAR.	8

TOUR 3 4:00 P.M. TO MIDNIGHT	HRS.
DRILLER	
DERRICK Travel Time	
MOTOR From Rig To Edmonton	
FLOOR	
FLOOR	
FLOOR	

INJURIES COMPLETE BELOW

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW, DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.

POSITION	TOUR	HRS.	SIGNATURE

TOOLPUSHER'S APPROVAL E. Gustavson

SAFETY TALKS - SUBJECT ____

GIVEN BY ____

№ 14855