



Well Name Nom du puits		Dome Union IOE Stony G-06		Drilling Authority No. Autorisation de forage n°		624	
Field/Area Gisement/Région		Jackfish Lake, N.W.T.		Date Issued Date d'émission		Nov. 3, 1972	
Location Emplacement		Unit Unité		Section		Permit or Lease 4206	
		G-06-67-40-135-15					
Latitude		67°35'28"		Longitude		135°15'50"	
U.W.L.R. N.R.U.E.P.		67.59111 - 135.26389					
U.W.I. No. N.I.P. No.		300G066740135150					
File Microfilmed				Rig. Release Date Date de transfert de la tour de forage		17-2-73	
Tour Sheets, Microfilmed				Status Statut		D + A	
				Information Release Date Date de publication autorisée des informations		17-2-75	

CHANGE OF NAME:
CHANGEMENT DE NOM:Change of Location
Changement de emplacement

INDEX	DATE RECEIVED RECU LE		INDEX
Application for a Drilling Authority	21-11-72	K	Demande d'autorisation de forage
Well Completion Data	23-5-73	K	Renseignements sur le forage d'un puits
Well History Report	23-5-73	K	Données chronologiques sur le puits
Application to Amend a Drilling Authority	8-1-73 31-1-73	K	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	16-2-73	K	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 Wells			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	17-1-73	K	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



Drilling Authority No. 624
Date Issued Nov. 3, 1972

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

WELL COMPLETION DATA

To be submitted in duplicate within thirty days after the completion, rework, abandonment, recompletion or suspension of every well.

Well name and number Dome Union IOE Stony G-06
Permit No. 4206 Lease No.
Imperial Oil Enterprises Exploratory Licence No. 1510
(Permittee, Licensee, Lessee)
Dome Petroleum Limited Exploratory Licence No.
(Operator)
Location: Unit G Section 06 Grid 67°40' - 135°15'
Latitude 67°35'28"N Longitude 135°15'50"
From Established Reference Marker
Universal Well Location Reference Lat 67-5911° & Long 135.26389

	DATE	DEPTH	Pool(s)
Spudded	Dec 13/72		Interval(s) open to production
Suspended			
Resumed Operations			
Finished Drilling	Feb 9/73		
Deepened			Elevation: Gr. 170' K.B. 186'
Complete (gas/oil)			Rig No. 11
Abandoned	Feb 17/73		Drilling Contractor Gustavson Arctic Drilling
Rig released	Feb 17/73		Contractor's Business Licence No. 1-0047

CASING RECORD

Casing Size (Inches)	Grade	Weight	Amount	Set at -	Sacks of Cement and Additives
1. 20	H40	94		50	25 Sacks Permafrost
2. 13 3/8	K55	54.5#		1164	1085 Sacks Permafrost Cement
3. 9 5/8	K55	40.0#		5601	800 Sacks Class G Cement
4.					
5.					
6.					

GEOLOGICAL TOPS	ELEVATION		CORE RECORD					
	Depth	Sub-Sea	From	To	Rec.	From	To	Rec.
Imperial	880	-694	5493	5541	48			
Canol	5080	-4894						
Hume	5252	-5066						
Upper Gossage	5640	-5454						
Upper Prongs Creek	6147	-5961						
Middle Gossage	6930	-6744						
Mt. Kindle	7800	-7614						

LOG RECORD			
Run No.	Type of Log	From	To
1	Borehole Comp. Sonic	20	1190
	Dual Induction Laterolog	66	1185
2	Borehole Comp. Sonic	1164	5598
	Dual Induction Laterolog	1164	5595
3	Borehole Comp. Sonic		
	w/Gamma Ray Integrated	5400	8235
	Acoutilog Gamma Ray		
	Caliper	5600	8235
	Sidewall Neutron Porosity		
	w/Gamma & Caliper	5600	8235
	Compensated Formation		
	Density w/Gamma & Caliper	5600	8235

CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
Feb 13/73	8100	8300	100 Sacks Oilwell (No feel)								
Feb 13/73	6875	7100	136 Sacks Oilwell (Top plug 6885')								
Feb 14/73	5555	5655	100 Sacks Oilwell (No plug)								
Feb 15/73	5555	5655	100 Sacks Oilwell (No plug)								
Feb 15/73	5555	5655	60 Sacks Oilwell (Plug at 5535')								
Feb 17/73	1114	1250	130 Sacks Oilwell (Plug at 1110')								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	L.S.I. Mins.	F.S.I. Mins.	I.S.I.B.H.P.	F.S.I.B.H.P.	L.F.B.H.P.	F.F.B.H.P.	I.H.P.	F.H.P.	REMARKS
1	Jan 31/73	Gossage	5725	5850	60	60	60	2671	2674	2668	2668	2671	2674	Good Air Blow - Dead in 15 mins.

ANALYSIS						PRESENT STATUS OF WELL		
Lab. No.	Sample	From	To	Source	Remarks	Oil		(Interval.)
Core Lab 921-3143	Water	5725	5850	DST #1	< 0.2 ppm Benzene < 0.1 ppm Tolvne			
921-3143	Water	5725	5850	DST #1	154,279 mg/l Total 58,001 mg/l Na & K 92,613 mg/l Cl	Gas		(Interval.)
						Solids		
						Dry	X	
						Susp.		

Company DOME PETROLEUM LIMITED

Signed by J. L. Gray

Title ENGINEER

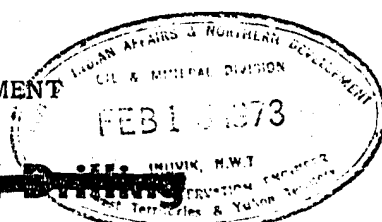
Date MAY 2, 1973

Forms to be prepared in duplicate and forwarded to the Oil Conservation Engineer, Calgary, Alberta.



Drilling Authority No. 624

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 UNION IOE STONY G-06.

Location: Unit G. Section 6 Grid 67-40 - 135-15

Latitude N67°35'28" Longitude W135°15'50"

From Established Reference Marker 300G066740135150

Universal Well Location Reference Lat. 67.5911°N, Long. 135.2580°W.

Permit No. 4206 Lease No.

Imperial Oil Enterprises.

(Permittee, Licencee, Lessee)

Date of commencement of proposed program February 13, 1973.

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at Nil

Gas at Nil

Water at 5725' - 5850'

Total Depth 8300' Date of last operations February 13, 1973.

Present condition of well Standing at total depth. Rigging to start abandonment.

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 20"	94#		51'	25 sacks Perma Frost	Nil
2. 13-3/8"	54.5#		1154'	1085 " " "	Nil
3. 9-5/8"	40#		5601'	800 " "	1200'
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Plug		Geological Formation	Number of Sacks of Cement	Remarks
No.	Position			
1.	8300' - 8100'	Ronning	100	No feel
2.	7100' - 6875'	Gossage	135	Feel in 8 hours
3.	5655' - 5555'	Gossage	60 & 2% CaCl ₂	Feel in 8 hours
	Cut off 9-5/8" casing at 1200' and pull.			
4.	1250' - 1150'	--	105 & 2% CaCl ₂	Feel in 8 hours.
5.	Surface	--	5	Cut off 3' below surface, weld on steel plate.

The following logs have been run Dual Induction Laterolog; B.H.C. Sonic Gamma Caliper; Formation Density; Sidewall Neutron Porosity.
Other operations proposed Nil.

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

Address 706 - 7 Avenue SW., Calgary, Alta. Address

Responsible Agent in field P.E. Paul.

Dated at Calgary, Alberta, this 13th Day of February, 1973.

Signed by [Signature] Company DOME PETROLEUM LIMITED.

Title Mgr., Drlg. & Prod. Operations. 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:

Dated February 16, 1973 [Signature] District Conservation Engineer



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

Application to Amend a Drilling Authority

This application, in triplicate, must be submitted and approved before commencing operations. If the well location is changed, this application must be accompanied where required, with a plan of survey approved by the Surveyor General.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. 624, concerning

Dome Union Imp Stony G-06
(Name and Number of Well)

The following amendments are required:

to modify depth of 13-3/8" surface casing from the approved depth
of 1300 ft to a requested depth of 1164 ft.

Reasons for the amendments: Due to the extremely hard and competent Basal
Cretaceous Sans Sault formation encountered from surface to 1164 ft,
we feel surface casing set to this depth will be completely adequate
in all respects.

Dated at Calgary, Alberta, this 18th day of December, 1972.

Signed by *[Signature]*

Title Manager, Drilling Operations

Company DOME PETROLEUM LIMITED.

(For Resource Management Division use only)

APPROVED

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

Date Jan 8, 1973

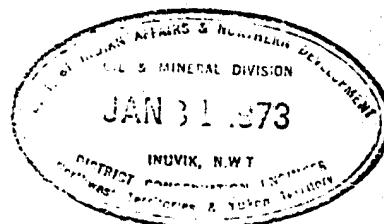
[Signature]
Oil Conservation Engineer

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



Drilling Authority No. 624

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION



Application to Amend a Drilling Authority

This application, in triplicate, must be submitted and approved before commencing operations. If the well location is changed, this application must be accompanied where required, with a plan of survey approved by the Surveyor General.

In compliance with the "Canada Oil and Gas Land Regulations", application is hereby made to amend Drilling Authority No. 624, concerning

Dome Union Imp Stony G-06.

(Name and Number of Well)

- to modify the setting depth of 9-5/8" intermediate casing

from the approved depth of 7000' to a requested depth of 5600'.

Reasons for the amendments:

- Intermediate casing to be set below base of Imperial Shale to prevent sloughing. Imperial Shale Base came in 1800' higher than estimated (5130' vs 7000'). At 5600' casing will be set near base of Hume formation.

Dated at Calgary, Alberta, this 29th day of January, 1973.

Signed by H. F. Howard

Title Drilling Engineer

Company DOME PETROLEUM LIMITED

(For Oil and Mineral Division use only)

APPROVED

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

Date January 31, 1973

A. H. Macdonald
District Conservation Engineer

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



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 UNION ICE STONY** -G-06

Location: Unit . . . **Q** Section . . . **6** Grid **67°40' 135°15'**
Latitude . . . **N67°35'28"** Longitude . . . **W135°15'50"**
Unique Well Identifier . . . **300086674013519**
Universal Well Location Reference . . . **Lat. 67.59111° N Long. 135.26389° W**

Elevation: Ground . . . **170'** K.B. . . . **186'** feet above sea-level.
Well is expected to produce from . . . **Gossage (M. Devonian)** formation at a depth
of about . . . **9500** feet. Expected total final depth . . . **10,000'**.
Area assigned to well
(for District Conservation Engineer's use only)

Permit No. . . **4206** Lease No. Acreage . . . **48,890.**
Permittee, licensee, or lessee . . . **Imperial Oil Enterprises.**
Exploratory Licence No. . . . **1516**
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. . . . 20"	. . . 34	. . . H-40	. . . New	. . . 60	. . . 290
2. . . . 13-3/8"	. . . 54.5	. . . K-55	. . . New	. . . 1350	. . . 1110
3. . . . 9-5/8"	. . . 40 & 43.5	. . . C-75	. . . New	. . . 7000	. . . 1125
4. . . . 7"	. . . 23, 26 & 29	. . . N-80	. . . New	. . . 10000	. . . 525
5.					

Expected water, gas, and oil horizons and type of control equipment.
The Gossage is to be controlled with intermediate string, Ram type BGVs, Hydril and 9.5 lbs/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 . . . **G.A. Wright** At registered office . . . **E.E. 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 **23rd** . . . day of **October,** . . . 19**72.**
Signed by **E. E. Tovell** Company **DOME PETROLEUM LIMITED.**
Title **Mgr Drilling Operations.** Operator's Licence No. **1516**

(For Oil and Mineral Division use only)

APPROVED

This application has been examined and approved subject to the following conditions:
PLEASE SEE THE ATTACHED COPY OF THE CONDITIONS OF APPROVAL.

Dated **November 3** . . . 19**72** . . . **A. H. Harrison**
District Conservation Engineer
Forms to be submitted to District Conservation Engineer,
Department of Indian Affairs and Northern Development.

CONDITIONS OF APPROVAL FOR DRILLING AUTHORITY NO. 624
FOR Dome Union IOE Stony G-06

1. Copies of this Drilling Authority shall be exhibited at the Drilling rig in both the Doghouse and the Drilling Foremans 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.

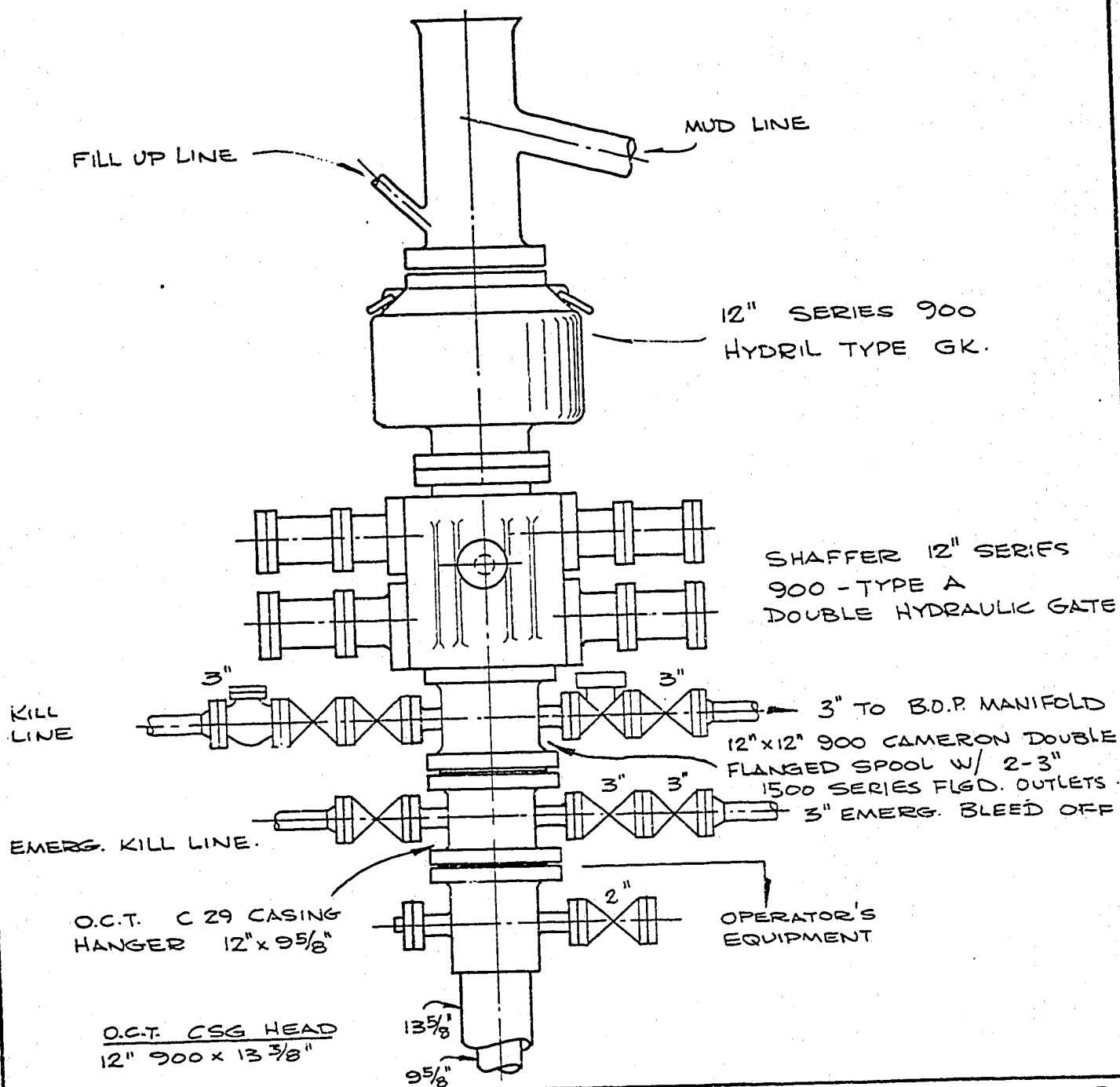
A. H. Newman

GEOLOGICAL PROGNOSIS

DOME UNION IOE STONY G-6.

Imperial - Thin sandstones and shales, interbedded	0' - 7200'
Canol Shale - Black cherty shale	7200' - 7400'
Hume Limestone - Shaly limestone with thin shale interbeds.	7400' - 7700'
Gossage Dolomite - Porous dolomite	7700' - 10,100'
Mount Kindle - Porous dolomite with vugular porosity, argillaceous in part, thin shaly and sandy beds near base.	10,100' - 10,500'

Base Permafrost: 300'.



DOME PETROLEUM LIMITED

CALGARY

ALBERTA

CANADA

TITLE:

BLOWOUT PREVENTER STACK
STONY G-6

DRAWN J.S.

DATE 26 Oct. '72

JOB No.

CHKD.

ENG. APPVD.

APPVD.

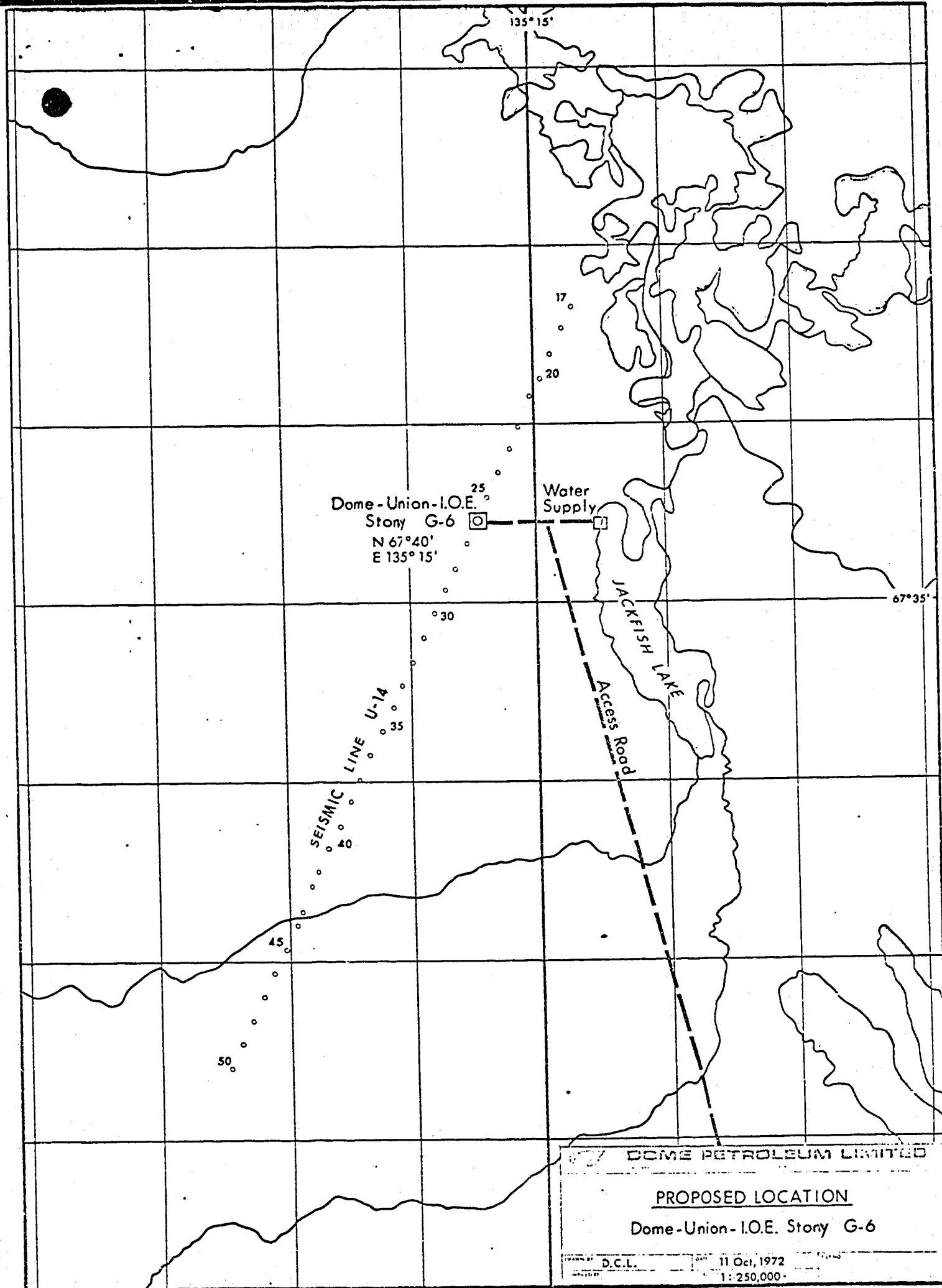
SCALE None.

DWG No.

A-GEN-630-01

Rev.

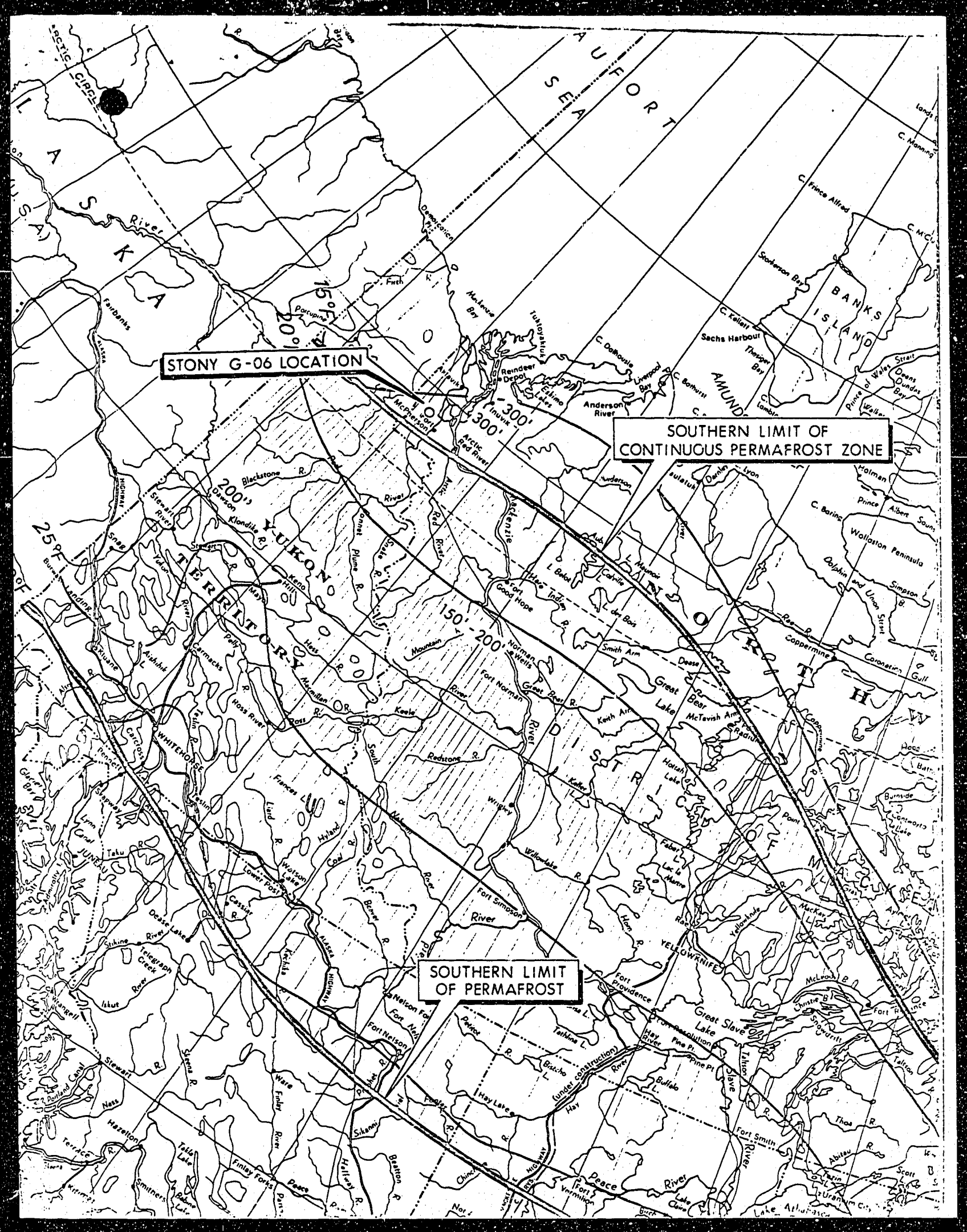




STONY G-06 LOCATION

SOUTHERN LIMIT OF
CONTINUOUS PERMAFROST ZONE

SOUTHERN LIMIT OF
PERMAFROST





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W. D. Howard
April 13, 1973.

SUMMARY OF WELL DATASection 1

- (a) Well Name: Dome Union IOE Stony G-06
- (b) Permittee: Imperial Oil Enterprises
- (c) Operator: Dome Petroleum Limited
P.O. Box 200, Calgary, Alberta
- (d) Location: G-06-67-40-135-15
Latitude 67°35'28"N
Longitude 135°15'50"W
Universal Well Location Reference Number -
Lat. 67.59111°N, Long. 135.26389°W
Unique Well Identifier - 3006066740135150
- (e) Co-ordinates: N/A
- (f) Permit Number: 4206
- (g) Drilling contractor: Gustavson Arctic Drilling - Rig 11 - National 55
- (h) Drilling Authority: 624 - Issued November 3, 1972
- (i) Classification: New Field Wildcat
- (j) Elevations: Ground - 170'
K.B. - 186'
- (k) Spudded: 8:30 P.M. December 13, 1972
- (l) Completed Drilling: February 9, 1973
- (m) Total Depth: 8300'
- (n) Well Status: Plugged and Abandoned
- (o) Rig Release Date: 8:00 A.M. February 17, 1973
- (p) Hole Size: 17½" to 1210'
12½" to 5601'
8½" to 8300'
- (q) Casing: 13-3/8" 54.5# K55 ST&C to 1164'
9-5/8" 40# K55 LT&C to 5601'

GEOLOGICAL SUMMARYSection 11

(a)	<u>Formation Tops</u>	<u>E-Log</u>	<u>Sample</u>
	Imperial	880' (- 694')	880' (- 694')
	Canol	5080' (-4894')	5080' (-4894')
	Hume	5252' (-5066')	5260' (-5074')
	Upper Gossage	5640' (-5454')	5640' (-5454')
	Upper Prongs Creek	6147' (-5961')	6150' (-5964')
	Middle Gossage	6930' (-6744')	6930' (-6744')
	Mt. Kindle	7800' (-7614')	7800' (-7614')
(b)	<u>Cored Intervals</u>		
	Core #1	5493-5541'	Hume 100% Recovery
	Core #2 (Sidewall)	7372'	Middle Gossage Fragments Recovered
	Core #3 (Sidewall)	7424'	Middle Gossage Fragments Recovered
	Core #4 (Sidewall)	7454'	Middle Gossage Fragments Recovered
	Core #5 (Sidewall)	7826'	Mt. Kindle Fragments Recovered
(c)	<u>Core Description</u>		
	Core #1 Limestone -		
	5493-5500'	Limestone, light brown, argillaceous, stylolitic, minor pyrite, some brecciation, tight.	
	5500-5505'	Limestone, pelletoidal, brown, cryptocrystalline, tight.	
	5505-5510'	Limestone, dark brown to black, white calcite crystals in fractures.	
	5510-5541'	Limestone, dark brown, very argillaceous, crypto-crystalline, tight.	
	Core #2 Limestone -	snow white, coarse rhombs, stromatoperoid and limestone, light grey calcilutite.	
	Core #3 Limestone -	as above.	
	Core #4 Limestone -	as above.	
	Core #5 Clear Dolomite		

(d) Sample Description

- 0 - 200' Poor samples.
- 200 - 790' Shale, dark grey, brown-grey, micro-micaceous, occasionally carbonaceous inclusions, partly silty.
Siltstone, grey, partly carbonaceous.
- 790 - 810' Sandstone, grey, fine grains, angular, poorly sorted, cherty, black chert pebbles.
Siltstone, grey-brown, grey, interbedded.
- 810 - 2200' Siltstone, grey, cherty.
Shale, grey, micro-micaceous, interbedded, partly silty.
880' Imperial formation.
- 2200 - 4500' Shale, grey, micro-micaceous, light brown-grey, waxy.
Siltstone, grey, partly cherty.
Sandstone stringers occasionally.
Trace of gypsum occurred at 3500'
- 4500 - 4650' Siltstone, dark grey, siltstone and occasionally carbonaceous.
Shale, dark grey, occasionally brown to black interbedded, a few fossil plant fragments.
- 4650 - 4670' Shale, grey, brownish grey, slightly silty, trace argillaceous sandstone stringers.
- 4670 - 4680' Siltstone, brown-black, 30-40% argillaceous, 30% siliceous.
- 4680 - 4690' Sandstone, grey, 20% argillaceous, 30 - 40% silty, slightly siliceous.
- 4690 - 4700' Siltstone, brown-dark brown, 10 - 20% very fine sand grains.
- 4700 - 4860' Shale, grey-dark grey, micro micaceous, slightly silty, traces of quartz stylolites.
- 4860 - 4930' Shales as above, interbedded siltstone, dark grey, speckled white, slightly calcareous, argillaceous.
- 4930 - 4940' Sandstone, salt and pepper, silty, calcareous, slightly argillaceous
- 4940 - 5010' Shale, grey, slightly silty, argillaceous siltstone stringers.
- 5010 - 5030' Sandstone, grey and white, calcareous, argillaceous, silty.
- 5030 - 5040' Siltstone, grey, trace of sand grains.
- 5040 - 5070' Shale, grey, trace of sand grains, trace of calcareous, very argillaceous, slightly silty, 60% sample very silty.
- 5070 - 5080' Siltstone, dark brownish grey, slightly calcareous, slightly sandy.
Top of Canol
- 5080 - 5252' Shale, dark brown to black, some interbedded black chert pyrite.
Hume Formation 5252'
- 5252 - 5360' Limestone, brown, cryptocrystalline, argillaceous, trace crinoids, trace pyrite, tight.
- 5360 - 5390' Marlstone, grey, calcareous blebs, pyrite.
- 5390 - 5430' Shale, dark grey, pyritic, stringers limestone, dark brown, cryptocrystalline, tight.
- 5430 - 5640' Limestone, brown, cryptocrystalline, tight, slight fossil ghosts, slightly pyritic, argillaceous.
Upper Gossage formation 5640'
- 5640 - 5694' Limestone, clear to white, very coarse crystalline, porous, trace dolomite.
- 5694 - 5740' Silica and chert, light brown.
- 5740 - 5850' Limestone, clear to white, very coarse crystalline, secondary calcite crystals, porous, vuggy.

- 5850 - 5920' Limestone, light grey, cryptocrystalline, tight, some chalkiness due to bit damage, slightly argillaceous.
- 5920 - 6094' Limestone, white to clear, very coarse crystalline, rhomb damage, vuggy and intercrystalline porosity, some lost circulation, no sign of gas.
- 6094 - 6147' Quartz, glassy crystalline, dolomite, dark grey, microcrystalline parts mixed with dark grey bituminous shale.
Upper Prongs Creek 6147'
- 6147 - 6930' Limestone, light brown, cryptocrystalline, argillaceous, occasional streaks dolomite, light grey, microcrystalline, occasional streaks dark grey shale, bituminous, traces of chert, tight and no stain.
Middle Gossage 6930'
- 6930 - 7060' Limestone, white to clear, coarse crystalline, vuggy and intercrystalline porosity, lost circulation but no sign of gas.
- 7060 - 7800' Limestone, white coarse crystalline as above and Limestone, light grey-brown, crypto to microcrystalline, slightly argillaceous.
Some porosity in white crystalline limestone, no stain, no samples below 7350' due to lost circulation.
Mt. Kindle 7800'
No samples but lithology appears dolomitic on logs with porosity.
T.D. 8300'

ENGINEERING SUMMARYSection 111

(a) D.S.T. #1 5725 - 5850' (Report Page 8 - 8(c))

(b) Surface Casing - landed 37 jts. 13-3/8", 54.5#, K55, ST&C at 1164' and cemented with 1085 sacks Permafrost cement. Had good circulation and 18 barrels returns.

Intermediate Casing - landed 145 jts. 9-5/8", 40#, K55, LT&C at 5601' with stage collar at 994'. Cemented with 800 sacks Class G Cement. Opened stage collar and displaced mud to water then to diesel fuel.

(c) Bit Record

<u>Bit No.</u>	<u>Size</u>	<u>Type</u>	<u>Footage</u>	<u>Hours</u>
1A	12 1/4"	S33	171'	5 1/2
2A	12 1/4"	S33	214'	12 1/2
3A	12 1/4"	S44	235'	24 1/2
4A	12 1/4"	DSJ	158'	19 1/2
5A	12 1/4"	M44	229'	30
6A	12 1/4"	S44	136'	15 1/2
7A	12 1/4"	DSJ	67'	10
Reamer	17 1/2"	Security	1164'	89 1/2
1	12 1/4"	S44	704'	31 1/2
2	12 1/4"	S44	814'	38 1/2
3	12 1/4"	M44	455'	35 1/2
4	12 1/4"	DSJ	211'	22-3/4
5	12 1/4"	M44	210'	29-3/4
6	12 1/4"	S88	390'	53
7	12 1/4"	M44	193'	30 1/2
8	12 1/4"	M44	172'	28 1/2
9	12 1/4"	H7SG	194'	28
10	12 1/4"	DM	178'	25-3/4
10A	8-15/32"	Diam.	48'	9 1/2
11	12 1/4"	DM	200'	31-3/4
12	12 1/4"	M44	199'	28
13	12 1/4"	M88	418'	74 1/2
14	12 1/4"	H7SG	108'	17 1/2
15	8 1/2"	H7SG	104'	17 1/2
16	8 1/2"	M88	146'	20 1/2
17	8 1/2"	M88	491'	51
18	8 1/2"	M88	391'	20 1/2
19	8 1/2"	S88	1308'	47 1/2
20	8 1/2"	S88	220'	10
20A	8-15/32"	Diam.	0'	--

Section 111

- (d) Mud Report - The well was drilled using fresh water with Muriate of Potash - Polymer and Gel. Following is a list of materials used:

Gel	1206 sacks	Potassium Chloride	421 sacks
Caustic	151 sacks	Super Lube Flo	92 sacks
MF 1	30 sacks	H.M.E.	26 gals.
Super Visbestos	377 sacks	Metasilicate	1 sack
Staflor	81 sacks	Kwik Seal	74 sacks
Metso Beads	13 sacks	Sawdust	52 sacks

(e) Deviation Record

120' 1 ⁰	250' 1 ⁰	353' 1-1/8 ⁰	384' 1-1/8 ⁰
418' 1 ⁰	450' 7/8 ⁰	480' 1 ⁰	553' 1 ⁰
574' 7/8 ⁰	604' 1-1/8 ⁰	655' 3/4 ⁰	730' 1/2 ⁰
812' 7/8 ⁰	854' 1/2 ⁰	915' 1/2 ⁰	967' 1/2 ⁰
1038' 1 ⁰	1100' 1-1/8 ⁰	1120' 1 1/2 ⁰	1160' 1 ⁰
1210' 3/4 ⁰	1285' 1/2 ⁰	1389' 3/4 ⁰	1650' 3/4 ⁰
1750' 3/4 ⁰	1975' 1/2 ⁰	2085' 1/2 ⁰	2223' 3/4 ⁰
2378' 3/4 ⁰	2520' 1/2 ⁰	2672' 1 1/2 ⁰	2720' 1 ⁰
2783' 1 1/2 ⁰	2800' 1 1/2 ⁰	2830' 1 ⁰	2905' 3/4 ⁰
2967' 1 ⁰	3028' 1 1/2 ⁰	3080' 1 1/2 ⁰	3110' 1 1/2 ⁰
3152' 1 1/2 ⁰	3170' 1 ⁰	3200' 1 1/2 ⁰	3235' 1-3/4 ⁰
3276' 1-3/4 ⁰	3307' 1-3/4 ⁰	3328' 1-3/4 ⁰	3355' 1 1/2 ⁰
3400' 1 1/2 ⁰	3431' 1 1/2 ⁰	3480' 1 1/2 ⁰	3518' 1 1/2 ⁰
3541' 1-3/4 ⁰	3580' 1 1/2 ⁰	3650' 1 1/2 ⁰	3748' 1 1/2 ⁰
3797' 2 ⁰	3836' 2 ⁰	3867' 2 1/2 ⁰	3898' 3 ⁰
3920' 3 ⁰	3938' 3 ⁰	3980' 3 ⁰	4010' 2 1/2 ⁰
4053' 2 1/2 ⁰	4083' 2 1/2 ⁰	4116' 3 ⁰	4141' 2-7/8 ⁰
4209' 2 1/2 ⁰	4240' 3 ⁰	4272' 2 1/2 ⁰	4293' 2-1/8 ⁰
4342' 2 1/2 ⁰	4373' 2 1/2 ⁰	4403' 2-3/4 ⁰	4433' 2-3/4 ⁰
4529' 1-7/8 ⁰	4560' 1-3/4 ⁰	4620' 1-3/4 ⁰	4659' 2-1/8 ⁰
4675' 2 ⁰	4736' 2-1/8 ⁰	4808' 2 ⁰	4875' 1-7/8 ⁰
4925' 2 ⁰	4985' 1-7/8 ⁰	5075' 1-3/4 ⁰	5132' 2 ⁰
5205' 2 ⁰	5227' 1-3/4 ⁰	5265' 1-7/8 ⁰	5480' 2 ⁰
5542' 2-3/4 ⁰	5600' 3 ⁰	5665' 3 ⁰	5704' 3 ⁰
5776' 3 ⁰	5850' 3 ⁰	5920' 3 ⁰	6056' 3 1/2 ⁰
6200' 4 1/2 ⁰	6305' 4-3/4 ⁰	6335' 4-3/4 ⁰	6445' 3 ⁰
6528' 3 ⁰	6663' 2-3/4 ⁰	6732' 2-3/4 ⁰	6902' 2 1/2 ⁰
7140' 2-7/8 ⁰	7399' 3 ⁰	7865' 3 ⁰	8040' 3 ⁰
8300' 3 ⁰			

(f) Abandonment Plugs

Plug #1 8300-8100' 100 sacks Oilwell cement.

Plug #2 7100-6875' 135 sacks Oilwell cement. Felt plug #2 at 6885'.

Plug #3 5655-5555' 100 sacks Oilwell cement. Feel for plug - no plug - rerun plug #3 with 100 sacks cement, feel for plug - no plug, rerun plug #3 with 65 sacks cement. Felt plug #3 at 5535'.

Plug #4 1250-1114' 130 sacks Oilwell cement. Felt plug #4 at 1110'.

Plug #5 Surface - 5 sacks and weld on plate.

Section 111(g) Lost Circulation Zones

Formation - Upper Gossage, depth interval 5850', 570 bbls. mud lost to formation, the addition of Kwik-Seal and Sawdust to the mud allowed the hole to regain full circulation.

Formation - Mt. Kindle, depth interval 8150-8157', lost all circulation, no fluid, drilled blind to T.D.

(h) N/A



TESTING REPORT

DRILL-STEM TEST DATA

Well Name	DOME UNION 10E STONY G-6	Test No.	1
Well Number	G-6	Zone Tested	GOSSAGE
Company	DOME PETROLEUM LTD.	Interval	5725 - 5850
Comp. Rep.	T. NEILSON	Tester	C. MARTINEAU
		Date	JANUARY 31, 1973

Type of Test DUAL BOTTOM HOLE

RFS Tool No.

Preflow 5 mins. ISI 60 mins. Flow 60 mins. FSI 60 mins.

DEPTH	IN REC. No. 4484	OUT REC. No. 4485	OUT REC. No. 4487
	12600 RANGE 24 HR. CLOCK	12600 RANGE 24 HR. CLOCK	12650 RANGE 24 HR. CLOCK
	5708	5732	5737
Initial Hydro Mud Press	2671	2685	2590
Initial Shut-In Press	2668	2681	
Initial Flow Press	2430	2538	
Final Flow Press	2668	2691	
Final Shut-In Press	2674	2691	
Final Hydro Mud Press	2674	2685	2593

Mud Drop	NIL	Fluid Loss		Mud Weight	8.7
Viscosity	43	Temperature °F		Net Pay Tested	125
Top Packer Depth	5719	Bottom Packer Depth	5725	Total Depth	5850
Drill Pipe Size	4.0 FH	Wt.		Drill Collar I.D.	2.875
Surface Choke Size	CLOSED	Bottom Choke Size	0.5	Ft. Run	210
Anchor Size	6.750	Rat Hole Size		Main Hole Size	8.500
Cushion Amount		Type		Feet of Rat Hole	
				Rubber Size	8.000

Fluid Recovery Total Feet	5640		
Recovered	600	Feet of	MUDDY SALT WATER.
Recovered	5040	Feet of	SALT WATER (109,600 PPM SALT)
Recovered		Feet of	
Recovered		Feet of	
Recovered		Feet of	

Gas Recovery	How Measured			Riser size:	
mins.	Temp. °F	Press Rdg.	psi	Orifice Size	= MCF/Day
mins.	Temp. °F	Press Rdg.	psi	Orifice Size	= MCF/Day
mins.	Temp. °F	Press Rdg.	psi	Orifice Size	= MCF/Day
mins.	Temp. °F	Press Rdg.	psi	Orifice Size	= MCF/Day
mins.	Temp. °F	Press Rdg.	psi	Orifice Size	= MCF/Day
mins.	Temp. °F	Press Rdg.	psi	Orifice Size	= MCF/Day

Bleed Off Time for Drill Pipe

REMARKS: GOOD AIR BLOW, DEAD IN 50 MINUTES.



TESTING REPORT

45 LANDING SUB _____
 45 CHAMBER _____
 45 TOOL OR P.O. SUB _____ 1.00
 CO SUB _____
 SHUT IN TOOL _____ 5.20
 R.F.S. No. _____ 3.30
 R.F.S. No. _____
 HYDRAULIC TOOL _____ 7.20
 JARS _____
 RECORDER No. 4484 _____ 5.00 DEPTH 5708
 RECORDER No. _____ DEPTH _____
 SAFETY JOINT _____ 2.00
 BY PASS SUB _____

1. PACKER DEPTH 5719

PACKER _____ 6.00

2. PACKER DEPTH 5725

PACKER _____ 5.00 TOTAL TOOL ABOVE INTERVAL 34.70

ANCHOR—SPECIFY PACKER 1.00

PERFS 5.00

BLANK OFF OR BY PASS SUB _____ 5.00 DEPTH 5732

RECORDER No. 4485 _____ 5.00 DEPTH 5737

" " 4487 _____ 5.00

PERF 5.00

3. PACKER DEPTH _____

PACKER _____ TOTAL INTERVAL 125.20

4. PACKER DEPTH _____

PACKER _____

ANCHOR—SPECIFY _____

X OVER SUB 1.00

STAND COLLARS 93.20

RECORDER No. _____ DEPTH _____

X OVER SUB 1.00

PERFORATIONS 6.00

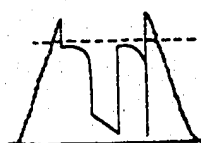
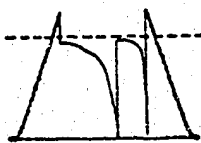
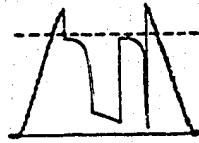
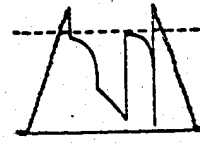
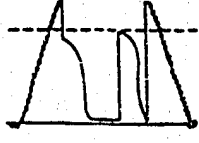
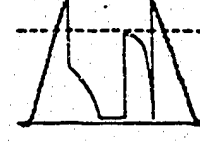
TO DEPTH 5850

BULLNOSE 3.00

TOTAL TAIL PIPE 125.25

TOTAL TEST TOOL 66.70

DST CHARTS FOR COMPARATIVE VISUAL ANALYSIS

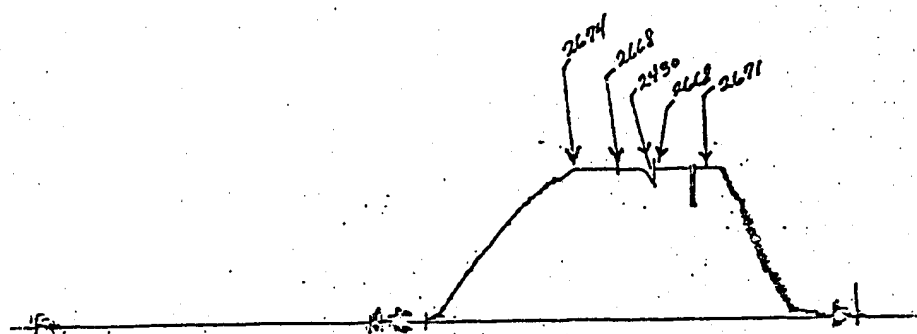
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STRONG DAMAGE EFFECTHIGH PERMEABILITY
NO DAMAGE EFFECTMEDIUM PERMEABILITY
STRONG DAMAGE EFFECTMEDIUM PERMEABILITY
NO DAMAGE EFFECTLOW PERMEABILITY
STRONG DAMAGE EFFECTLOW PERMEABILITY
NO DAMAGE EFFECT



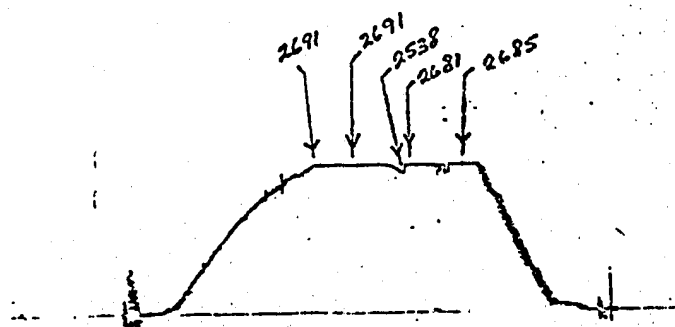
TESTING REPORT

DST RECORDER CHARTS

DOME UNION IOE STONY G - 6
DST NO. 1
INSIDE REC. NO. 4484



DOME UNION IOE STONY G - 6
DST NO. 1
OUTSIDE REC. NO. 4485

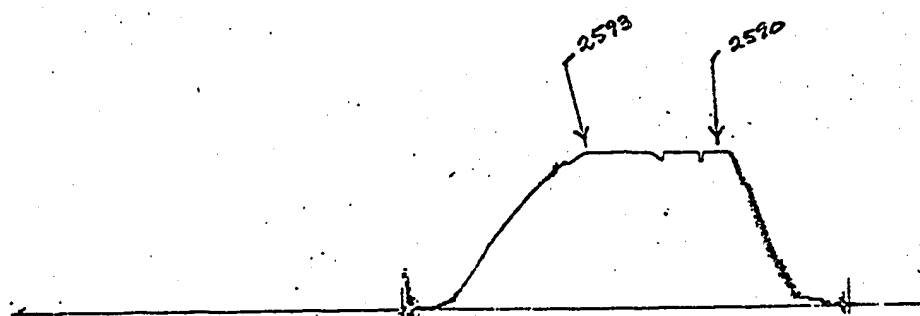




TESTING REPORT

DST RECORDER CHARTS

DOME UNION IOE STONY G - 5
DST NO. 1
OUTSIDE REC. NO. 4487



Section IVLogs

<u>Date</u>	<u>Interval</u>	<u>Types of Log Run</u>
December 20/72	20 - 1190' 66 - 1185'	Borehole Compensated Sonic Log Dual Induction-Laterolog
January 25/73	1164 - 5598' 1164 - 5595'	Borehole Compensated Sonic Log Dual Induction-Laterolog
February 11/73	5400 - 8235' 5600 - 8235' 5600 - 8235' 5600 - 8235'	Borehole Sonic Gamma Ray Integrated Acoustilog Gamma Ray Caliper Sidewall Neutro Porosity - Gamma/ Caliper Compensated Formation Density - Gamma Caliper



CORE LABORATORIES — CANADA LTD.
PETROLEUM RESERVOIR ENGINEERING

Section V

Company Dome Petroleum Limited Page 1 of 2
 Well Dome Union IOE Stony G-06 File 921-3143
 Field Stony Creek, Northwest Territories Analyst R. Eng.
 Location 67 35'28.00 N.L.
135 15'50.00 W.L. Elevation: K.B. 168' Grd.
 Formation Depth 5725' - 5850'
 Sampled from DST #1 by B.J. Testers
 Sampling pressure psig Sampling temp. °F Ambient temp. °F
 Date sampled Jan. 31/73 Date received Feb. 16/73 Date analysed Feb. 21/73
 Container pressure Mud Water cushion
 Recovery or flowrate: 5640' Liquid

Micro-Benzene/Toluene Analysis

<u>Sampled From</u>	<u>Benzene</u>	<u>Toluene</u>
Top of Recovery	0.17ppm	0.05ppm
Middle of Recovery	0.04ppm	0.07ppm
Bottom of Recovery	0.11ppm	0.09ppm



CORE LABORATORIES - CANADA LTD.

PETROLEUM RESERVOIR ENGINEERING

WATER ANALYSIS



Page 10 (a)

File 921-3143 2 of 2

Company Dome Petroleum LimitedWell Dome Union IOE Stony G-06K.B. 168'Grd. Location 67 35' 28.00 N.L.135 15' 50.00 W.L.Field Stony CreekProvince Northwest TerritoriesFormation Interval 5225' - 5850'Sampled from DST #1, (bottom)by B.J. TestersDate sampled Jan. 31/73Date analysed Feb. 16/73Analyst Feb. 21/73Recovery 5640' LiquidMud type Water cushion

Total Solids:

Resistivity 0.054 Ohm-meters @ 70 °FCalculated 154,279 mg/literSpecific gravity 1.1056 @ 60°FBy evaporation @ 110°C mg/literpH 6.6 H₂S AbsentBy evaporation @ 180°C mg/literRefractive Index 1.3570 @ 73°FAt ignition mg/liter

MILLIGRAMS PER LITER

Na + K	Ca	Mg	Fe	Ba	Br	I	Cl	HCO ₃	SO ₄	CO ₃	OH
58001	1799	347	Pres.	-	-	-	92613	732	787	0	0

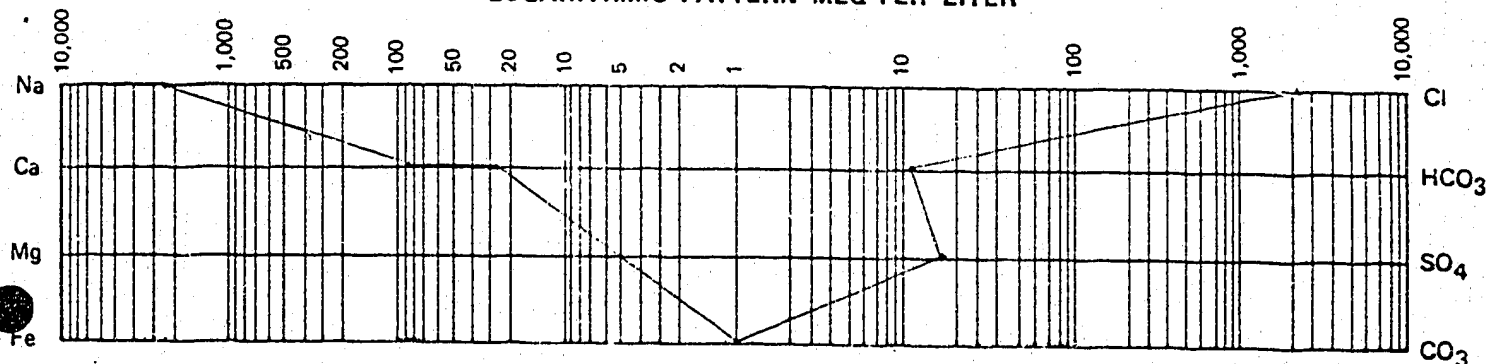
PER CENT CALCULATED SOLIDS

37.6	1.2	.2	Pres.	-	-	-	60.0	.5	.5	.0	.0
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MEQ PER LITER

2521.8	89.8	28.5					2611.7	12.0	16.4	.0	.0
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LOGARITHMIC PATTERN MEQ PER LITER



153609. 58001.0

DAILY PROGRESS REPORT

Well: Dome Union IOE Stony G-06
 Location: N67°35'28" Latitude; W135°15'50" Longitude
 Elevations: Kelly Bushing 186'
 Ground Level 170'
 Rig: Gustavson Arctic Drilling #11
 Tool Pusher: J.M. Quick
 Date Spudded: 8:30 P.M. December 13, 1972
 Date Rig Released: 8:00 A.M. February 17, 1973
8 A.M. Reports

December 14/72 Status - drilling.
 Depth 171'
 Survey: 120' 1/8°
 Bit #1A, Sec. 12 1/2", S33, out at 171 - 5 1/2 hours.
 Mud added: 100 sacks Gel, 2 sacks Caustic.
 Mud properties: Weight 9.1, Vis. 55

December 15/72 Status - drilling.
 Depth 450'
 Surveys: 250' 1°, 353' 1-1/8°, 384' 1-1/8°, 418' 1°, 450' 7/8°.
 Bit 2A, Sec. 12 1/2", S33, in 171', out 385' - 214' in 12 1/2 hours.
 Bit 3A, Sec. 12 1/2", S44, in 385' - drilling.
 Mud added: 12 sacks Gel, 1 sack Caustic.
 Mud properties: Weight 9.3, Vis. 50

December 16/72 Status - drilling.
 Depth 635'
 Surveys: 480' 1°, 553' 1°, 574' 7/8°, 604' 1-1/8°, 620' 1°.
 Bit 3A, Sec. 12 1/2", S44, in 385', out 620' - 235' in 24 1/2 hours.
 Bit 4A, Sec. 12 1/2", DSJ, in 620' - drilling.
 Mud added: 58 sacks Gel.
 Mud properties: Weight 9.2, Vis. 52

December 17/72 Status - drilling.
 Depth 792'
 Surveys: 655' 3/4°, 730' 3/4°, 778' 1°.
 Bit 4A, Sec. 12 1/2", DSJ, in 620', out 778' - 158' in 12 1/2 hours.
 Bit 5A, Sec. 12 1/2", M44, in 778', drilling.
 Mud added: 27 sacks Gel, 1 sack Caustic.
 Mud properties: Weight 8.9, Vis. 39

December 18/72 Status - drilling.
 Depth 970'
 Surveys: 812' $7/8^{\circ}$, 854' $1/2^{\circ}$, 915' $1/2^{\circ}$.
 Bit #5A, Sec. $12\frac{1}{2}"$, M44 in 778' drilling.
 Mud added: 50 sacks Gel.
 Mud properties: Weight 9.3, Vis. 50, W.L. 8.1

December 19/72 Status - drilling.
 Depth 1130'
 Surveys: 967' $1/2^{\circ}$, 1038' 1° , 1100' $7/8^{\circ}$.
 Bit #5A, Sec. $12\frac{1}{2}"$, M44 in 778', out 1007'
 229' in 30 hours.
 Bit #6A, Sec. $12\frac{1}{2}"$, S44 in 1007' drilling.
 Mud added: 25 sacks Gel, 1 sack Sawdust.
 Mud properties: Weight 9.3, Vis. 50, W.L. 7.8

December 20/72 Status - tripping to log.
 Depth 1210'
 Surveys: 1120' $1\frac{1}{2}^{\circ}$, 1160' 1° , 1210' $3/4^{\circ}$.
 Bit #6A, Sec. $12\frac{1}{2}"$, S44, in 1007', out 1143', 136'
 in $15\frac{1}{2}$ hours.
 Bit #7A, Sec. $12\frac{1}{2}"$, DSJ, in 1143', out 1210', 67'
 in 10 hours.
 Mud added: 30 sacks Gel, 1 sack Caustic.
 Mud properties: Weight 9.3, Vis. 60

December 21/72 Status - reaming $12\frac{1}{2}"$ to $17\frac{1}{2}"$
 Depth 230'
 Mud added: 12 sacks Gel.
 Mud properties: Weight 9.3, Vis. 52, W.L. 8.3
 Ran Dual Induction Laterolog and Borehole Comp.
 Sonic Log with Caliper.

December 22/72 Status - reaming $12\frac{1}{2}"$ to $17\frac{1}{2}"$
 Depth 648'
 Mud added: 53 sacks Gel, 2 sacks Caustic.
 Mud properties: Weight 9.3, Vis. 49, W.L. 9.7, Ph 9

December 23/72 Status - reaming $12\frac{1}{2}"$ to $17\frac{1}{2}"$
 Depth 884'
 Mud added: 50 sacks Gel, 2 sacks Caustic.
 Mud properties: Weight 9.4, Vis. 50, W.L. 8.8, Ph 9

December 24/72 Status - reaming $12\frac{1}{2}"$ to $17\frac{1}{2}"$
 Depth 993'
 Mud added: 33 sacks Gel, 3 sacks Caustic.
 Mud properties: Weight 9.5, Vis. 52, W.L. 9.1, Ph 9

December 25/72 Status - tripping.
 Depth 1149'
 Mud added: 19 sacks Gel, 3 sacks Caustic.
 Mud properties: Weight 9.6, Vis. 64, W.L. 8.0

December 26/72 Status - running casing.
 Depth 1164'

Mud added: 10 sacks Gel.

Ran 37 jts. 13-3/8", 8 rd., 54.5#, K55, ST&C casing with float shoe, float collar and 2 centralizers.

December 27/72

Status - nipping up B.O.P.s

Depth 1164'

Cemented casing by inner string method with 1085

sacks Permafrost cement, 18 bbls. good cement returns.

Pipe displaced clear of cement 2:15 P.M. December 26/72.

December 28/72

Status - testing B.O.P. stack.

Tested blind rams to 1500 psi for 15 mins..

December 29/72

Status - drilling.

Depth 1164'

Mud added: 3 sacks Gel, 3 sacks MF-1, 1 sack Super Vis.

Mud properties: Weight 8.2, Vis. 30, Ph 10.5

Drilled out cement at 1126', float collar at 1130'.

Tested hydril to 1500 psi for 15 mins.

Tested pipe rams to 1500 psi for 15 mins.

Motor shutoffs - okay.

Bit #1, Sec. 12 1/2", S44 in 1164' - drilling.

December 30/72

Status - drilling.

Depth 1650'

Surveys: 1285' 1/2°, 1389' 3/4°, 1482' 1/2°.

Mud added: 7 sacks Gel, 40 sacks KCl, 3 sacks MF-1, 13 sacks Super Vis, 3 sacks Caustic.

Mud properties: Weight 8.3, Vis. 28, Ph 9.5

Bit #1, Sec. 12 1/2", S44 in 1164' - drilling

December 31/72

Status - drilling.

Depth 2042'

Surveys: 1482' 1/2°, 1655' 3/4°, 1750' 3/4°, 1975' 1/2°

Mud added: 31 sacks KCl, 4 sacks Caustic, 9 sacks Super Vis, 3 sacks MF-1.

Mud properties: Weight 8.8, Vis. 28, Ph 9.5

Bit #1, Sec. 12 1/2", S44 in 1164', out 1868', 704' in 3 1/2 hours.

Bit #2, Sec. 12 1/2", S44, in 1868' drilling.

January 1/73

Status - drilling.

Depth 2500'

Surveys: 2085' 1/2°, 2223' 3/4°, 2378' 3/4°.

Mud added: 45 sacks KCl, 14 sacks Super Vis, 6 sacks Caustic, 4 sacks MF-1.

Mud properties: Weight 8.7, Vis. 28, Ph 10.5

Bit #2, Sec. 12 1/2", S44 in 1868'

January 2/73

Status - drilling.

Depth 2785'

Surveys: 2520' 1/2°, 2672' 1 1/4°, 2720' 1°, 2783' 1 1/4°.

Mud added: 24 sacks KCl, 10 sacks Super Vis, 4 sacks Caustic, 3 sacks MF-1.

Mud properties: Weight 8.7, Vis. 28, Ph 10.5
 Bit #2, Sec. 12½", S44, in 1868', out 2672', 814'
 in 38½ hours.
 Bit #3, Sec. 12½", M44, in 2672' drilling.

January 3/73

Status - drilling.
 Depth 3072'
 Surveys: 2800' 1½°, 2830' 1°, 2905' ¾°, 2967' 1°, 3028' 1½°.
 Mud added: 24 sacks KCl, 7 sacks Super Vis, 2 sacks Gel, 3 sacks MF-1, 5 sacks Caustic.
 Mud properties: Weight 8.6, Vis. 28, Ph 10
 Bit #3, Sec. 12½", M44 in 2672' drilling.

January 4/73

Status - drilling.
 Depth 3255'
 Surveys: 3080' 1½°, 3110' 1½°, 3152' 1½°, 3170' 1°, 3200' 1½°, 3235' 1-¾°.
 Mud added: 21 sacks KCl, 6 sacks Super Vis, 3 sacks Caustic, 2 sacks Gel, 3 sacks MF-1.
 Mud properties: Weight 8.8, Vis. 29, Ph 10.5
 Bit #3, Sec. 12½", M44 in 2672', out 3027', 455' in 35½ hours.
 Bit #4, Sec. 12½", DSJ, in 3027' drilling.

January 5/73

Status - drilling.
 Depth 3387'
 Surveys: 3276' 1-¾°, 3307' 1-¾°, 3328' 1-¾°, 3325' 1½°, 3355' 1½°.
 Mud added: 14 sacks KCl, 4 sacks Super Vis, 2 sacks Caustic, 2 sacks MF-1.
 Mud properties: Weight 8.8, Vis. 29, Ph 11.0
 Bit #4, Sec. 12½", DSJ, in 3027', out 3338', 311' in 22-¾ hours.
 Bit #5, Sec. 12½", M44, in 3338' drilling.

January 6/73

Status - drilling.
 Depth 3525'
 Surveys: 3400' 1½°, 3431' 1½°, 3457' 1½°, 3480' 1°, 3505' 1°, 3518' 1½°.
 Mud added: 25 sacks Gel, 25 sacks KCl, 32 sacks Super Vis, 4 sacks Caustic, 53 sacks Super Lube Flo, 4 pail H.M.E., 13 sacks Staflo.
 Mud properties: Weight 8.8, Vis. 33, W.L. 16.2, Ph 10
 Bit #5, Sec. 12½", M44 in 3338' drilling.

January 7/73

Status - drilling.
 Depth 3622'
 Surveys: 3548' 1½°, 3580' 1½°, 3605' 1-¾°.
 Mud added: 28 sacks KCl, 14 sacks Gel, 2 sacks Metso Beads, 4 sacks Staflo, 3 sacks Caustic, 3 gals.HME, 5 sacks Super Lube Flo, 55 sacks Super Vis.
 Mud properties: Weight 8.8, Vis. 36, W.L. 15.8, Ph 10.5
 Bit #5, Sec. 12½", M44 in 3338', out 3548', 210' in 29-¾ hours.
 Bit #6, Sec. 12½", S88 in 3548' drilling.

January 8/73

Status - drilling.

Depth 3815'

Surveys: 3650' $1\frac{1}{2}^{\circ}$, 3680' $1\frac{1}{2}^{\circ}$, 3712' $1\frac{1}{2}^{\circ}$, 3742' $1\frac{1}{2}^{\circ}$, 3767' 2° , 3797' 2° .

Mud added: 19 sacks Gel, 2 gals. H.M.E., 21 sacks KCl, 5 sacks Super Lube Flo, 6 sacks Staflo, 38 sacks Super Vis.

Mud properties: Weight 8.9, Vis. 38, W.L. 17.6, Ph 10.5
Bit #6, Sec. $12\frac{1}{2}"$, S88 in 3548' drilling.

January 9/73

Status - tripping.

Depth 3938'

Surveys: 3836' 2° , 3867' $2\frac{1}{2}^{\circ}$, 3890' 3° , 3920' 3° .

Mud added: 2 gals. H.M.E., 28 sacks KCl, 5 sacks Super Lube Flo, 6 sacks Staflo, 3 sacks Caustic, 28 sacks Gel, 18 sacks Super Vis.

Bit #6, Sec. $12\frac{1}{2}"$, S88 in 3548', out 3938', 390' in 53 hours.

January 10/73

Status - drilling.

Depth 4038'

Surveys: 3938' 3° , 3980' 3° , 4010' $2\frac{1}{2}^{\circ}$.

Mud added: 19 sacks KCl, 5 sacks Super Lube Flo, 4 sacks Staflo, 2 sacks Caustic.

Mud properties: Weight 8.9, Vis. 48, W.L. 15, Ph 10.5
Bit #7, Sec. $12\frac{1}{2}"$, MNJ, in 3938' drilling.

January 11/73

Status - drilling.

Depth 4153'

Surveys: 4053' $2\frac{1}{2}^{\circ}$, 4085' $2\frac{1}{2}^{\circ}$, 4106' 3° .

Mud added: 7 sacks Super Lube Flo, 14 sacks KCl, 2 gals. H.M.E., 6 sacks Gel, 12 sacks Super Vis, 2 sacks Caustic, 2 sacks Staflo.

Mud properties: Weight 8.8, Vis. 45, W.L. 16, Ph 10.5
Bit #7, Sec. $12\frac{1}{2}"$, MNJ, in 3938', out 4131', 193' in $30\frac{1}{2}$ hours.Bit #8, Sec. $12\frac{1}{2}"$, M44N, in 4131' drilling.

January 12/73

Status - drilling.

Depth 4282'

Surveys: 4141' $2-7/8^{\circ}$, 4209' $2\frac{1}{2}^{\circ}$, 4240' 3° .

Mud added: 26 sacks Gel, 52 sacks Super Vis, 5 sacks Super Lube Flo, 2 gals. H.M.E., 6 sacks Caustic, 5 sacks Staflo, 24 sacks KCl.

Mud properties: Weight 8.8, Vis. 43, W.L. 17, Ph 10.5
Bit #8, Sec. $12\frac{1}{2}"$, M44N, in 4131' drilling.

January 13/73

Status - drilling.

Depth 4396'

Surveys: 4293' $2-1/8^{\circ}$, 4342' $2\frac{1}{2}^{\circ}$, 4373' $2\frac{1}{2}^{\circ}$.

Mud added: 3 sacks Staflo, 21 sacks KCl, 5 sacks Super Lube Flo, 2 gals. H.M.E., 1 sacks Metso Beads, 12 sacks Super Vis, 6 sacks Gel, 2 sacks Caustic.

Mud properties: Weight 8.9, Vis. 43, W.L. 16, Ph 10.5
Bit #8, Sec. $12\frac{1}{2}"$, M44N, in 4131', out 4303', 172' in $28\frac{1}{2}$ hours.

Bit #9, Sec. 12 $\frac{1}{2}$ ", H7SGJ, in 4303' drilling.

January 14/73 Status - drilling.
 Depth 4502'
 Surveys: 4394' 2-3/4 $^{\circ}$, 4424' 2 $\frac{1}{2}$ $^{\circ}$.
 Mud added: 15 sacks KCl, 5 sacks Super Lube Flo, 14 sacks Super Vis, 7 sacks Gel, 4 sacks Staflo, 2 gals. H.M.E., 2 sacks Caustic.
 Mud properties: Weight 8.9, Vis. 43, W.L. 16, Ph 10.5
 Bit #9, Sec. 12 $\frac{1}{2}$ ", H7SGJ in 4303', out 4497', 194' in 28 hours.
 Bit #10, Sec. 12 $\frac{1}{2}$ ", DMNJ in 4497' drilling.

January 15/73 Status - drilling.
 Depth 4650'
 Surveys: 4529' 1-7/8 $^{\circ}$, 4560' 1-3/4 $^{\circ}$, 4620' 1-3/4 $^{\circ}$.
 Mud added: 22 sacks KCl, 2 sacks Staflo, 5 sacks Super Lube Flo, 2 gals. H.M.E., 20 sacks Super Vis, 4 sacks Gel, 1 sack Caustic.
 Mud properties: Weight 8.9, Vis. 43, W.L. 16, Ph 10
 Bit #10, Sec. 12 $\frac{1}{2}$ ", DMNJ in 4497' drilling.

January 16/73 Status - drilling.
 Depth 4707'
 Surveys: 4654' 2-7/8 $^{\circ}$, 4675' 2 $^{\circ}$.
 Mud added: 1 bag Metso Beads, 7 sacks KCl, 1 sack Caustic, 2 sacks Staflo, 1 sack MF-1.
 Mud properties: Weight 9.1, Vis. 43, W.L. 16, Ph 10.
 Bit #10, Sec. 12 $\frac{1}{2}$ ", DMNJ in 4497', out 4675', 178' in 25-3/4 hours.
 Bit #11, Sec. 12 $\frac{1}{2}$ ", DMNJ in 4675' drilling.

January 17/73 Status - drilling.
 Depth 4846'
 Surveys: 4736' 2-7/8 $^{\circ}$, 4808' 2 $^{\circ}$.
 Mud added: 15 sacks KCl, 10 sacks Staflo, 4 sacks Caustic, 6 sacks MF-1, 1 sack Super Lube Flo.
 Mud properties: Weight 9.0, Vis. 45, W.L. 16.5, Ph 10.5
 Bit #11, Sec. 12 $\frac{1}{2}$ ", DMNJ in 4675' drilling.

January 18/73 Status - drilling.
 Depth 4959'
 Surveys: 4875' 1-7/8 $^{\circ}$, 4925' 2 $^{\circ}$.
 Mud added: 15 sacks KCl, 3 sacks Staflo.
 Mud properties: Weight 9.1, Vis. 45, W.L. 11.2, Ph 9.5
 Bit #11, Sec. 12 $\frac{1}{2}$ ", DMNJ in 4675', out 4875', 200' in 31-3/4 hours.
 Bit #12, Sec. 12 $\frac{1}{2}$ ", M44N in 4875' drilling.

January 19/73 Status - tripping.
 Depth 5075'
 Surveys: 4987' 1-7/8 $^{\circ}$, 5040' 1-7/8 $^{\circ}$, 5075' 1-3/4 $^{\circ}$.
 Mud added: 8 sacks KCl, 1 sack Caustic, 2 sacks Staflo, 11 sacks Super Vis, 5 sacks Super Lube Flo, 12 sacks Gel.
 Mud properties: Weight 9.1, Vis. 38, W.L. 11.6, Ph 9.0
 Bit #12, Sec. 12 $\frac{1}{2}$ ", M44N in 4875', out 5075', 200' in

28 hours.

Bit #13, Sec. 12½", M88 in 5075' drilling.

January 20/73

Status - drilling.

Depth 5227'.

Surveys: 5130' 2°, 5205' 2°.

Mud added: 9 sacks KCl, 3 sacks Caustic, 26 sacks Gel, 5 sacks Super Lube Flo, 5 sacks Staflo, 13 sacks Super Vis.

Mud properties: Weight 9.1, Vis. 45, W.L. 12.6, Ph 10
Bit #13, Sec. 12½", M88 in 5075' drilling.

January 21/73

Status - drilling.

Depth 5305'

Surveys: 5237' 1-3/4°, 5255' 1-7/8°.

Mud added: 9 sacks KCl, 7 sacks Staflo, 5 sacks Super Lube Flo, 3 sacks Caustic.

Mud properties: Weight 9.0, Vis. 45, W.L. 10.5, Ph 10
Bit #13, Sec. 12½", M88 in 5075' drilling.

January 22/73

Status - drilling.

Depth 5420'

Surveys: 5330' 1-3/4°, 5392' 1½°.

Mud added: 5 sacks Super Lube Flo, 10 sacks KCl, 1 sack Metso Beads, 2 sacks Staflo, 2 sacks Caustic.

Mud properties: Weight 9.0, Vis. 44, W.L. 10, Ph 10.5
Bit #13, Sec. 12½", M88 in 5075' drilling.

January 23/73

Status - coring.

Depth 5506'

Survey: 5480' 2°.

Mud added: 5 sacks Super Lube Flo, 10 sacks KCl, 10 sacks Gel, 1 sack Caustic, 5 sacks Super Vis.

Mud properties: Weight 9.1, Vis. 43, W.L. 9.4, Ph 10.0
Bit #13, Sec. 12½", M88 in 5075', out 5493', 418' in 74½ hours.

Bit #13A, Diamond, 8-15/32" in 5493' coring.

January 24/73

Status - drilling.

Depth 5566'

Survey: 5542' 2-3/4°.

Mud added: 10 sacks Gel, 5 sacks Super Vis, 5 sacks Super Lube Flo.

Mud properties: Weight 9.2, Vis. 45, W.L. 10.0, Ph 9.5
Bit #13A, Diamond, 8-15/32", in 5493', out 5541', 48' in 9½ hours.

Bit #14, Sec. 12½", H7SG in 5541' drilling.

January 25/73

Status - circulating.

Depth 5601'

Survey: 5582' 2°

Mud added: 5 sacks Super Lube Flo, 1 sack Metso Beads, 20 sacks Gel, 10 sacks Super Vis, 1 sack Caustic, 1 sack Staflo.

Mud properties: Weight 9.2, Vis. 56, W.L. 10.8, Ph 10.5

Bit #14, Sec. 12½", H7Sg in 5541', out 5601', 60' in 17½ hours.
 Ran Dual Induction Laterolog and Borehole Comp. Sonic Log with Caliper.

January 26/73 Status - running casing.
 Depth 5601'

January 27/73 Status - W.O.C.
 Depth 5601'
 Ran 145 jts. 9-5/8", 40#, C75, LT&C to land at 5601' with Float Collar and Float Shoe and Stage Collar at 994'.
 Cemented with 800 sacks Oilwell cement. Plug down 6:00 P.M. January 26, 1973. Opened Stage Collar and circulated annulus to diesel fuel. Stage Collar closed okay.

January 28/73 Status - Drilling out Stage Collar.
 Drilled out stage collar and pressure tested to 1500 psi for 15 mins. Held okay.

January 29/73 Status - drilling.
 Depth 5705'
 Surveys: 5653' 3°, 5704' 3°.
 Mud added: 1 sack Caustic, 1 sacks Metasilicate.
 Mud properties: Weight 8.9, Vis. 34, W.L. 21, Ph 11
 Bit #15, Sec. 8½", H7SG in 5601', out 5704', 103' in 17½ hours.
 Bit #16, Sec. 8½", M88 in 5704' drilling.

January 30/73 Status - drilling.
 Depth 5850'
 Survey: 5776' 3°.
 Mud added: 115 sacks Gel, 4 sacks Caustic, 12 sacks Super Vis, 13 sacks Kwik Seal, 2 sacks Staflo.
 Mud properties: Weight 8.7, Vis. 41, W.L. 13.0, Ph 10.5
 Bit #16, Sec. 8½", M88 in 5704' drilling.
 Lost 450 bbls. mud to formation.

January 31/73 Status - pulling D.S.T.
 Depth 5850'
 Mud added: 42 sacks Gel, 1 sack Caustic, 13 sacks Kwik Seal, 10 sacks Sawdust.
 Ran in D.S.T. #1: 5725-5850' Initial flow 5 mins. (2430 psi) Initial Shut in 60 mins. (2668 psi), Final Flow 60 mins. (2668 psi), Final Shut in 60 mins. (2674 psi), Good air blow, dead in 50 mins. Recovery 600' muddy salt water, 5040' salt water (109,600 ppm salt).
 Bit #16, Sec. 8½", M88 in 5704', out 5850', 146' in 20½ hours.

February 1/73 Status - drilling.
 Depth 5984'
 Survey: 5920' 3°
 Mud added: 138 sacks Gel, 32 sacks Kwik Seal, 8 sacks Caustic, 30 sacks Sawdust.

Mud properties: Weight 8.4, Vis. 35, W.L. 17.6, Ph 10.5
 Bit #17, Sec. 8½", M88 in 5850' drilling.

February 2/73

Status - drilling.
 Depth 6230'
 Surveys: 6056' 3½°, 6115' 4°, 6200' 4½°.
 Mud added: 51 sacks Gel, 12 sacks Sawdust, 5 sacks
 Caustic, 16# Kwikseal.
 Mud properties: Weight 8.7, Vis. 33, Ph 10.5
 Bit #17, Sec. 8½", M88 in 5850' drilling.

February 3/73

Status - drilling.
 Depth 6373'
 Surveys: 6305' 4-7/8°, 6335' 4-3/4°.
 Mud added: 4 sacks Caustic.
 Mud properties: Weight 8.8, Vis. 30, Ph 9.5
 Bit #17, Sec. 8½", M88 in 5850', out 6341', 491' in
 51 hours.
 Bit #18, Sec. 8½", M88 in 6431' drilling.

February 4/73

Status - drilling.
 Depth 6683'
 Surveys: 6445' 3°, 6528' 3°, 6663' 2-3/4°.
 Mud added: 3 sacks Caustic, 1 sack Metso Beads.
 Mud properties: Weight 8.7, Vis. 29, Ph 9.0
 Bit #18, Sec. 8½", M88 in 6341' drilling.

February 5/73

Status - drilling.
 Depth 6764'
 Survey: 6732' 2-3/4°.
 Mud added: 4 sacks Caustic, 1 sacks Metso Beads.
 Mud properties: Weight 8.7, Vis. 28, Ph 11.0
 Bit #18, Sec. 8½", M88 in 6341', out 6732', 342' in
 17-3/4 hours.
 Bit #19, Sec. 8½", S88 in 6732' drilling.
 Lost 1 cone off Bit #18. Recovered cone with magnet.

February 6/73

Status - drilling.
 Depth 7332'
 Surveys: 6902' 2½°, 7140' 2-7/8°.
 Mud added: 10 sacks Caustic.
 Mud properties: Weight 8.8, Vis. 29, Ph 6.5
 Bit #19, Sec. 8½", S88 in 6732' drilling.

February 7/73

Status - drilling.
 Depth 7987'
 Surveys: 7399' 3°, 7865' 3°.
 Mud added: 22 sacks Caustic, 2 sacks Metso Beads.
 Mud properties: Weight 8.8, Vis. 28, Ph 7.0
 Bit #19, Sec. 8½", S88 in 6732' drilling.

February 8/73

Status - drilling.
 Depth 8240'
 Survey: 8040' 3°

Mud added: 7 sacks Caustic, 6 sacks Metso Beads.
Mud properties: Weight 8.4, Vis. 28, Ph 10.5
Bit #19, Sec. 8½", S88 in 6732', out 8040', 1308'
in 47½ hours.
Bit #20, Sec. 8½", S88 in 8040' drilling.

February 9/73 Status - drilling.
Depth 8260'
Attempted to core with 8-15/32" Diamond, stuck at 6358'.
Worked free.
Bit #20, Sec. 8½", S88 in 8040', out 8260', 220' in 10
hours.

February 10/73 Status - logging.
 Depth 8300'
 Survey: 8300' 3°.
 Bit RR19, Sec. 8 $\frac{1}{2}$ " S88 in 8260', out 8300'

February 11/73 Status - cleaning out fill.
Depth 8300'

February 12/73 Status - Tripping in.
Depth 8300'.
Ran Borehole Sonic Gamma Integrated, Acoustilog
Gamma Ray Caliper, Sidewall Neutron Porosity with
Gamma & Caliper, Comp. Formation Density with Gamma &
Caliper. All logs 5601' to 8235'.
Cut Sidewall cores at 7372', 7424', 6454' and 7826'.
Mud added: 83 sacks Gel, 4 sacks Caustic.

February 13/73 Status - W.O.C.
Ran plug #1, 8300 - 8100' with 100 sacks Oilwell cement.
Plug displaced 6:35 A.M. February 13/73.
Ran plug #2, 7100 - 6875' with 136 sacks Oilwell cement.
Plug displaced 7:45 A.M. February 13/73.

February 14/73 Status - W.O.C.
Run in, felt plug #2 at 6885' with 10,000#.
Runmin to run plug #3, 15 joints Drill pipe cemented up.
Run plug #3, 5655-5555' with 100 sacks Oilwell cement.
Plug displaced 1:15 A.M. February 14/73.

February 15/73 Status - circulating.
Run in to feel #3, several stringers - no cement.
Reran plug #3, 5655 - 5555' with 100 sacks Oilwell cement.
Plug displaced 2 P.M. February 14/73. Feel for plug at
10:00 P.M. February 14/73. No plug. Reran plug #3,
5655 - 5555' with 60 sacks Oilwell cement. Plug displaced
at 11 P.M. February 14/73. Felt plug at 7:00 P.M. at 5535'
with 10.000#.

February 16/73 Status - Laying down B.O.P.
While laying down drillpipe lost 8 jts. in hole, run back in and screwed into fish, recovered okay. Run in with casing cutter and cut off at 1200'.

February 17/73

Status - Rig released 8:00 A.M. February 17/73.
Recovered casing. Run plug #4, 1230-1100', plug
down at 6:30 P.M. February 16/73. Felt for plug
at 2:30 A.M. at 1110'.
Cemented top of casing with 5 sacks and weld on
plate.

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION 10E STONY G-06

DATE FEB. 17 1973

DATE FEB. 17/73 RIG 11

DAYS FROM SPUD 66

MAILING ADDRESS S. DAYS 192

ROAD CONDITIONS

WEATHER

No 14943

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.

B I T S	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
	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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	WAGE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP ON CUT	AT MILES	DATE SLIP ON CUT	NEXT SLIP	FT. LEFT ON SPOOL
118-20						22154				22160	3260

NO.	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 OF KELLY		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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	WAGE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP ON CUT	AT MILES	DATE SLIP ON CUT	NEXT SLIP	FT. LEFT ON SPOOL
118-20						22154				22160	3260

DATE _____ TIME _____																
DRILLING JOB NO.	SIZE	WIRE	COLLARS	TYPE	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
214	2 1/2	10	2	2	214	214	214			214	214					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G	

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

MUD ADDITIVES: SURVEYS

DEG. DEPTH

DRILLING LINE RECORD	SIZE	WAGE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP ON CUT	AT MILES	DATE SLIP ON CUT	NEXT SLIP	FT. LEFT ON SPOOL
118-20						22154				22160	3260

WATER ADDED:										DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:										SURVEYS					
										DEG.		DEPTH			

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

MUD ADDITIVES: SURVEYS

DEG. DEPTH

DRILLING LINE RECORD	SIZE	WAGE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP ON CUT	AT MILES	DATE SLIP ON CUT	NEXT SLIP	FT. LEFT ON SPOOL
118-20						22154				22160	3260

MTCO RING		ON/OFF	BOILER OPERATED 24 HRS.	FIRE EQUIP. CHECKED	FUEL USED	GALS.	5.			OPER
							6.			APPR TOOL

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

MUD ADDITIVES: SURVEYS

DEG. DEPTH

REMARKS

W. O.C.

Felt for Plug #4 - 1110'

Log down Pipe - cut casing

Connect top of casing

Weld on Plug

Rec Released @ 800 Gals.

DRILLER'S SIGNATURE

Rig out

DRILLER'S SIGNATURE

TEAR OUT

Two Men Building Ice On Air Strip

DRILLER'S SIGNATURE

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

NO 14943

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

NO 14943

TOUR 1 MIDNIGHT TO 4 A.M.

HRS.

DRILLER B. WOOD 8

DERRICK D. SIEGEN 8

MOTOR S. WEBSDALE 8

FLOOR H. KLEIN 8

FLOOR S. MATTHEWS 8

FLOOR

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

HRS.

DRILLER A. LUNDIE 8

DERRICK H. HAYDON 8

MOTOR R. LANGLIES 8

FLOOR T. PALIWODA 8

FLOOR A. COLLISON 8

FLOOR R. ALEXIE 13

TOUR 3 8 A.M. TO 12 M.

HRS.

DRILLER J. HONISH 10

DERRICK N. MAGNUSON 8

MOTOR P. TREPTOW 8

FLOOR R. JOHNSON 8

FLOOR K. GIBBONS 10

MECH FLOOR H. BELLAMY 9

TOUR 4 12 M. TO 4 P.M.

HRS.

DRILLER J. HONISH 10

DERRICK N. MAGNUSON 8

MOTOR P. TREPTOW 8

FLOOR R. JOHNSON 8

FLOOR K. GIBBONS 10

MECH FLOOR H. BELLAMY 9

TOUR 5 4 P.M. TO 8 P.M.

HRS.

DRILLER J. HONISH 10

DERRICK N. MAGNUSON 8

MOTOR P. TREPTOW 8

FLOOR R. JOHNSON 8

FLOOR K. GIBBONS 10

MECH FLOOR H. BELLAMY 9

GUSTAVSON ARCTIC DRILLING COMPANY

DAYS FROM SPUD 65

MAILING ADDRESS S. DAYS 191

RIG NO. 11

WELL

DOME UNION 10R

STONY G-06

DATE FEB. 16 1973

No 14942

DATE FEB. 16/73

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.

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					
B I T S	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH		HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G																
									IN	OUT																							
MUD		VIS.		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	DATE	MARK	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP ON CUT	AT MILES	DATE SLIP ON CUT	NEXT SLIP	FT. LEFT ON SPOOL
11/16 WRL	8				600	22119				22160	3260

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					
NO.		SIZE		TYPE		JETS		SERIAL		WT.		R.P.M.		DRILLED OR CORED		DEPTH IN		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	DATE	MARK	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP ON CUT	AT MILES	DATE SLIP ON CUT	NEXT SLIP	FT. LEFT ON SPOOL
11/16 WRL	8				160	22119				22160	3260

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

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW
MUD ADDITIVES: RAN PLUG #4 1250' - 1144'130 SW DISPL. @ 630 P.M.
FELL FOR @ 230 AM FEB 17 @ 1110'

DRILLING LINE RECORD	DATE	MARK	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP ON CUT	AT MILES	DATE SLIP ON CUT	NEXT SLIP	FT. LEFT ON SPOOL
11/16 WRL	8				200	22119				22160	3260

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWN MATIC CHECKED	FUEL ON HAND 12:11 A.M.	4 1/2	GALS.	MOTOR	HRS.	NEXT OIL CHANGE
HYDRIL						FUEL REC'D TO-DAY		GALS.	1.		
PIPE RAMS.						TOTAL		GALS.	2.		
BLANK RAMS.						FUEL ON HAND 11:59 P.M.		GALS.	4.		
TOTCO RING	ON/OFF	BOILER OPERATED	24 HRS.	FIRE EQUIP. CHECKED		FUEL USED		GALS.	5.		

REMARKS

RUN IN WITH CASING CUTTER
CUT OFF CASING @ 1200'
PULL OUT LAY DOWN DC
AND CASING CUTTER
LAY DOWN BOPS.Darryl Wood
DRILLER'S SIGNATURELAY DOWN BOPS
PICK UP 9 3/4" CUT OF JOINT
WEILD ON 9 3/4" CASING
STAINING
PULL + LAY DOWN 9 3/4" CASING
A. Lundie
DRILLER'S SIGNATURERUN IN TO RUN PLUG 4400 5001
1230' - 1100'
RIG TO + RUN PLUG 5.00 6.30 15
PLUG DOWN AT 6.30
LAY DOWN DRILL PIPE 6.30/10.30 Y
TEAR OUT B.O.P. BOLTS 10.30/12.00 11
START CLEAN CELLAR
OVERTIME - LAY DOWN
CASING.
J. Lundie
DRILLER'S SIGNATURE

CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	SAX
PLUS	%	PLUG DOWN	A.M. P.M.	RETURNS	YES/NO
DRILL PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED
SIZE	NO. 2	NO. 3	NO. 4	SINCE 30000	THIS DATE
APPROVED OPERATOR	J. Lundie	WATER COST	CONS. BD. COPY		
APPROVED TOOLPUSHER	J. Lundie				

TOUR 1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER B. WOOD	8
DEPRICK D. SEEREN	8
MOTOR S. WERSDALE	8
FLOOR H. KLEIN	8
FLOOR S. MATTHEWS	8
FLOOR	

TOUR 2 8 A.M. TO 4 P.M.	HRS.
DRILLER A. Lundie	9
DERRICK H. HAYDON	12
MOTOR R. Langlois	8
FLOOR T. PALMADA	8
FLOOR A. COLLISON	9
FLOOR H. Bellamy	4

TOUR 3 4:00 P.M. TO 12:00 A.M.	HRS.
DRILLER J. HONISH	10
DERRICK D. SIEBEN	4
MOTOR P. TREPTON	10
FLOOR R. JOHNSON	8
FLOOR K. GIBBONS	8
FLOOR R. Alexie	16

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 14942

[illegible]

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	B. WOOD		8
DERRICK	D. SIEREN		8
MOTOR	S. WEBSDALE		8
FLOOR	A. KLEIN		8
FLOOR	S. MATTHEWS		8
FLOOR			
TOUR 2 8 A.M. TO 4 P.M.			HRS.
DRILLER	A. LUNDIE.		8
DERRICK	H. HAYDON		8
MOTOR	R. LANGLIOS		8
FLOOR	T. PALIWODA.		8
FLOOR	A. COLLISSON		8
FLOOR			
TOUR 3 4:00 P.M. TO MIDNIGHT			HRS.
DRILLER	J. HONISH		8
DERRICK	M. MAGNUSON		8
MOTOR	P. TREPTOW		8
FLOOR	R. JOHNSON		8
FLOOR	K. GIBBONS		8
FLOOR	R. ALEXIE		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 <i>[Signature]</i>			
SAFETY TALKS - SUBJECT _____			
GIVEN BY _____			
No 14941			

WEATHER 56° BELOW. LIGHT WIND No 14940

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

REMARKS				TIME		INVTL
				START	STOP	
Rig up H.W.C. Cementing Unit				1240	1245	3/4
mix & Displace Plug W.O.C				1245	115	1/2
Hoist 10 stands						
Circ						
W.O.C					8:00	69
						4
J. Edwards						
DRILLER'S SIGNATURE						
W.O.P.				8:00	9:00	1
Run in. FEEL FOR PLUG #3. (No Plug)				9:00		
Cut 100 S+3. AND HOOK				9:45		3/4
UP HALLIBURTON					1:00	3:00
KERN PLUG #3				1:00	2:00	1
Circ.				2:00	2:15	5/8
Hoist				2:45	4:00	1 1/2
						8
J. Edwards						
DRILLER'S SIGNATURE						
W.O.C.				4:00	1:00	6
Feel for Plug #3				1:00	1:30	1 1/2
Regrd Plug #3 - 60 Set				1:30	1:00	
Cement displ @ 11:00 P.H.						
W.O.C				11:00	12:00	1
						8
J. Edwards						
DRILLER'S SIGNATURE						

TOUR 1 MIDNIGHT TO 6 A.M. HRS.

DRILLER	A. EWASIUK	8
DERRICK	L. SCOTT	11
MOTOR	E. KRIEGER	11
FLOOR	J. CLARKE	8
FLOOR	F. KRIEGER	8
FLOOR		

TOUR 28 AM 10 4 11

DRILLER	B. WOOD	8
DERRICK	D. SIEMEN	8
MOTOR	S. WEBSDALE	8
FLOOR	A. KLEIN	8
FLOOR	S. MATTHEWS	8
FLOOR	W. PUDAR	4

FOUR 3 4 00 P M 10 MICH 11

DRILLER	A. LUNDIE	8
DERRICK	H. HAYDON	8
MOTOR	R. LARGIEROS	8
FLOOR	T. PALIWOOD	8
FLOOR	A. COLLISSON	8
FLOOR	R. Alexie	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	MRS.	SIGNATURE
----------	------	------	-----------

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TOOLPUSHER'S APPROVAL

5. SAFETY TALKS - SUBJECT _____

GIVEN BY _____

№ 14940

10-10-68

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL

DOME UNION 10E. STONY G-06

DATE FEB 13 1973

DAYS FROM SPUD 62

MAILING ADDRESS

S-DAYS 188

ROAD CONDITIONS

WEATHER

52° BELOW.

No 14939

DATE FEB 13 1973 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.

TOUR 1 MIDNIGHT TO 8 A.M.

HRS.

DRILLER A. EWASLUK 8

DERRICK L. SCOTT 12

MOTOR E. KRIEGER 8

FLOOR J. CLARKE 12

FLOOR F. KRIEGER 12

FLOOR

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

HRS.

DRILLER B. WOOD 8

DERRICK D. SIEREN 8

MOTOR S. WEBSDALE 8

FLOOR A. KLEIN 8

FLOOR S. MATTHEWS 8

FLOOR W. PUDAR 9

TOUR 3 4 P.M. TO MIDNIGHT

HRS.

DRILLER A. LUNDIE 8

DERRICK H. HAYDON 12

MOTOR R. LANGLIOS 12

FLOOR T. PALIWODA 8

FLOOR A. COLLISON 8

FLOOR R. ALEXIE 16

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. Johnson

SAFETY TALKS - SUBJ.

GIVEN BY

No 14939

FROM 8300 TO T.D. FOOTAGE HRS. ON WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. O.D. I.D. LENGTH WT. AIR C.B. FT. FT. UP OR KELLY

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

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

12 MN. 4 A.M.

WATER ADDED: Run plug #1 8300-8100 DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: Oilwell Cement plug displaced 6:35 AM 2/13/73. Run plug #2 7100-6875 by Howels #4. 136 sac Oilwell cement plug displaced 7:45 AM 2/13/73. WOC 81 AM.

SURVEYS DEG. DEPTH

DRILLING LINE RECORD

8300 T.D.

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

MUD VIS. WT. W.L. PH PV YP SOLIDS S OIL S 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: Run in tool for plug #2 found top @ 6885 w/ 10 M

SURVEYS DEG. DEPTH

DRILLING LINE RECORD

TD 8300

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

MUD VIS. WT. W.L. PH PV YP SOLIDS S OIL S 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

BOP TESTED PRESSURE TIME LAST REPAIR DATE CROWNOMATIC CHECKED

HYDRIL ENGINE SHUT-OFF CHECKED

PIPE RAMS. KELLY COCK CHECKED

BLANK RAMS.

TOTCO RING ON/OFF BOILER OPERATED 24 HRS. FIRE EQUIP. CHECKED

FUEL ON HAND 4:00 A.M. 4' 6" GALS. MOTOR HRS. NEXT OIL CHANGE

FUEL REC'D TO-DAY GALS. 1.

TOTAL GALS. 2.

FUEL ON HAND 11:59 P.M. GALS. 4.

FUEL USED GALS. 5.

CASING REPORT

RAN & CEM.

JTS.

CSG. AT

FT. WITH

SAX

PLUS 2

PLUG DOWN

A.M. P.M.

RETURNS

YES/NO

BBL.

DRILL PIPE

CLASSIFICATION

TOTAL

DATE

FT. DRILLED

FT. DRILLED

SIZE

NO. 2

NO. 3

DATE

FT. DRILLED

FT. DRILLED

APPROVED OPERATOR

APPROVED TOOLPUSHER

WATER COST

CUSTOMER'S COPY

DATE FEB 12 1973 RIG # 11

Nº 14938

[illegible]

GIVEN BY _____

№ 14938

Nº 14937

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

FLOOR

WELLS W PUDAR

FLOOR	
-------	--

№ 14027

REMARKS		TIME		
		START	STOP	INTVL
MIX MUD RIG SERV. ~		12 ⁰⁰	12 ¹⁵	15
MIX MUD & when logging Tools		12 ¹⁵	5 ⁰⁰	4 ⁴⁵
Run in (Slow)		5 ⁰⁰	7 ³⁰	2 ³⁰
Clean out Fil from 8245' to 8300'		7 ³⁰	8 ⁰⁰	30
OVERTIME. STAY OVER MIX MUD				
LOADING & UNLOADING SUPPLIES OFF AIRCRAFT.				
PUMP DOWN PILL & DISPLACE PIPE WITH 75 BARRELS OF WATER. FIC SERV. & B.P.s.				
TRIP OUT TO LOG				
LOGGING				
Logging interval 5601 csg shoe to 8225'				
Borehole Sonic Gamma Log Integrated (SOL) 8' 4 5"				
Acoustilog Gamma Ray Caliper (DA) 2' 2 5"				
Sidewall Neutron Porosity (SOL) Gamma Ray 2' 2 5"				
Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
Logging interval 5601 csg shoe to 8225'				
Borehole Sonic Gamma Log Integrated (SOL) 8' 4 5"				
Acoustilog Gamma Ray Caliper (DA) 2' 2 5"				
Sidewall Neutron Porosity (SOL) Gamma Ray 2' 2 5"				
Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
Logging interval 5601 csg shoe to 8225'				
Borehole Sonic Gamma Log Integrated (SOL) 8' 4 5"				
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LOGGING				
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Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
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Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
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LOGGING				
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Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
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Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
Logging interval 5601 csg shoe to 8225'				
Borehole Sonic Gamma Log Integrated (SOL) 8' 4 5"				
Acoustilog Gamma Ray Caliper (DA) 2' 2 5"				
Sidewall Neutron Porosity (SOL) Gamma Ray 2' 2 5"				
Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
Logging interval 5601 csg shoe to 8225'				
Borehole Sonic Gamma Log Integrated (SOL) 8' 4 5"				
Acoustilog Gamma Ray Caliper (DA) 2' 2 5"				
Sidewall Neutron Porosity (SOL) Gamma Ray 2' 2 5"				
Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
Logging interval 5601 csg shoe to 8225'				
Borehole Sonic Gamma Log Integrated (SOL) 8' 4 5"				
Acoustilog Gamma Ray Caliper (DA) 2' 2 5"				
Sidewall Neutron Porosity (SOL) Gamma Ray 2' 2 5"				
Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
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Compensated Formation Density w/ Gamma Ray 2' 2 5"				
Sidewall core interval 7300 - 8250 core recovered @ 7372, 7424, 7454, 7826'				
LOGGING				
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Borehole Sonic Gamma Log Integrated (SOL) 8' 4 5"				
Acoustilog Gamma Ray Caliper (DA) 2' 2 5"				
Sidewall Neutron Porosity (SOL) Gamma Ray 2' 2 5"				
Compensated Formation Density w/ Gamma Ray 2' 2 5"				

WEATHER

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

EMPLOYEE MUST SIGN PERSONAL INQUIRY WAS RECEIVED, SIGN AT THE BOTTOM OF SHEET ONLY.

[illegible]

TOUR 1 MIDNIGHT TO 8 A.M.				MRS.
DRILLER	A. EWASIVK			8
DERRICK	L. SCOTT			8
MOTOR	E. KRIEGER			8
FLOOR	J. CLARKE			8
FLOOR	F. KRIEGER			8
FLOOR				
TOUR 2 8 A.M. TO 4 P.M.				MRS.
DRILLER	B. WOOD			8
DERRICK	D. SIEREN			8
MOTOR	S. WERSDALE			8
FLOOR	A. KLEIN			8
FLOOR	S. MATTHEWS			8
FLOOR	W. PUDAR			12
TOUR 3 4:00 P.M. TO MIDNIGHT				MRS.
DRILLER	A. LUNDIE			8
DERRICK	H. HAYDON			8
MOTOR	R. LANGLIOS			8
FLOOR	T. PARLOWDA			8
FLOOR	A. COLLISSON			8
FLOOR	R. ALEXIE			9
INJURIES COMPLETE BELOW				
I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO MY SUPERVISOR.				
POSITION	TOUR	MRS.	SIGNATURE	
TOOLPUSHER'S APPROVAL <i>[Signature]</i>				
SAFETY TALKS SUBJECT _____				
GIVEN BY _____				

No 14936

№ 14934

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.

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

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER	A. EWASION	8
---------	------------	---

DERRICK	H. SCOTT.	8
---------	-----------	---

MOTOR	E. KRIEGER	8
-------	------------	---

FLOOR	J. CLARKE	8
-------	-----------	---

FLOOR	F. KRIEGER	8
-------	------------	---

FLOOR

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

DRILLER	B. WOOD
---------	---------

DERRICK D. SIEBEN	C
-------------------	---

MOTOR S. WEBSDALE

FLOOR A. KLEIN

FLOOR	S. MATTHEWS
-------	-------------

1	FLOOR	W. PUDAR	1
---	-------	----------	---

TOUR 3 4 00 P.M. TO MIDNIGHT

DRILLER A. Lyndie.

DERRICK H. HAYDON	9
-------------------	---

MOTOR	P. Langlos
-------	------------

4	FLOOR T. PAHIWODA.
---	--------------------

1/2	FLOOR	A. COLLISON
-----	-------	-------------

1/2	FLOOR	R. Alexie
-----	-------	-----------

INJURIES: COMPLETE BELOW

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

POSITION	TOUR	HRS.	SIGNATURE
----------	------	------	-----------

6				
		44		

2000

TOOLPUSHERS
APPROVAL *H. Johnson*

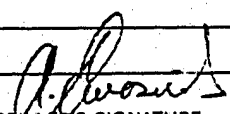
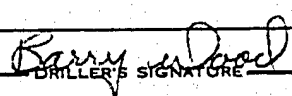
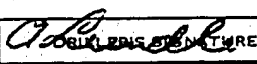
SAFETY TALKS - SUBJECT _____

GIVEN BY _____

Nº 14934

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR				
8195	8240	45	3/4	148M	82	2		16	6 3/4	2 3/8	49226	29.80				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
20	8 1/2	S&B	OPEN	913127	20	50	200			9	1	400	45	DRLG		
MUD	VIS.	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.	18	8.8		7					400	8-P80	45	6"				
4 A.M.	18	8.8		10.5												
WATER ADDED:										DESILTER: HRS. OP.			U.FLOW		O. FLOW	
MUD ADDITIVES: METSO BEADS 1 BAG CAUSTIC 2 BAGS																
DRILLING 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					
8240	8240	WR-1	8		311	20666				20455	3360					
FROM TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR					
8240	8240	20	1	148"	82	2		16	6 3/4	2 3/8	49226	29.80	FULL ON			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
20	8 1/2	S&B	OPEN	913127	25	50	220	8040	8260	90	1	500	40			
MUD	VIS.	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	8P80	40	6"				
12 NOON																
WATER ADDED:										DESILTER: HRS. OP.			U.FLOW		O. FLOW	
MUD ADDITIVES:																
DRILLING 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					
8260	8260	WR-1	8		440	20842				20455	3360					
FROM TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR					
8260	8260						19			431-16	67.35	1366				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	7 1/2	O		EC 77210												
MUD	VIS.	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.																= 20,000
-8 P.M.																
WATER ADDED:										DESILTER: HRS. OP.			U.FLOW		O. FLOW	
MUD ADDITIVES: Longer shock sub layed down next 5 days. Oil jaco in bitum since 2/4/73 See #6007																
DRILLING 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					
8260	8260	WR-1	8		447	20844				21255	3360					
BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND	A.M.	GALE	MOTOR	HRS.	NEXT OIL CHANGE	CASI				
HYDRIL	✓				ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY		GALE	1.			PLUS				
PIPE RAMS.	✓				KELLY COCK CHECKED	TOTAL		GALE	2.			DRILL SIZE				
BLANK RAMS.	✓					FUEL ON HAND 11:59 P.M.		GALE	3.			APPR OPER				
TOTCO RING	() OFF				BOILER OPERATED 24 HRS.	FIRE EQUIP. CHECKED		GALE	4.			APPR TOOL				
						FUEL USED		GALE	5.							
									6.							

String with 120 m Pulled 80 m over string wt.

REMARKS		TIME		
		START	STOP	INTVL
RIG SERV. ✓ B.O.P.S		12.00	12.15	1/4
DRLG		12.15	1.00	3/4
WORK TIGHT HOLE		1.00	5.00	4
DRLG		5.00	7.00	2
WORK TIGHT HOLE		7.00	7.30	1/2
DRLG		7.30	8.00	1/2
				8
 DRILLER'S SIGNATURE				
DRILL		8.00	9.00	1
CIRC.		9.00	9.15	1/4
DUMMY TRIP 18 STANDS -		9.15		
TIGHT 16 STANDS OFF BOTTOM				
O 6772. 42' OFF BOTTOM @				
8218.			11.15	2
RIG SERV. ✓ B.O.P.S		11.15	11.30	1/4
CLEAN 5' OF FILL TO BOTTOM		11.30	12.45	1 1/2
CIRC.		12.45	4.00	3
TRIP OUT				8
 DRILLER'S SIGNATURE				
TRIP OUT		4.00	5.00	1
RIG SERV. ✓ B.O.P.S		5.00	5.05	1/4
PICK UP CORE B.B.L.S. & SERV		5.15	6.30	1 1/2
RUN CABLE & SLEI LINE		6.30	7.00	
RUN PIPE IN STUCK @ 6358'		7.00	10.30	2 1/2
Worked Free & Hoist			10.30	12.00
				1
 DRILLER'S SIGNATURE				
ING REPORT		RAN & CEM.		JTS.
%		PLUG DOWN		A.M. P.M.
CSG. AT		RETURNS		YES/NO
FT. WITH		SA		BBL
PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED
JT	NO. 1 NO. 3	JTS	SONOSC.	SINCE SONOSC.
				FT. DRILLED THIS DATE
				TOTAL FT. DRILLED
OVERDATOR		WATER COST		CUSTOMER'S COPY
OVERD PUSHER				

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Union 106 FEB 7 1973 STONG 6-6 DATE FEB 7 1973 WEATHER

No 14841

DATE FEB 7/73 RIG # 11

DAYS FROM SPUD MAILING ADDRESS

ROAD CONDITIONS

Form with multiple tables for drilling logs, including columns for NO., SIZE, TYPE, JETS, SERIAL, WT., R.P.M., DRILLED OR CORED, DEPTH, HRS., PUMP NO., PUMP PRESSURE, S.P.M., T, B, G. Includes sections for WATER ADDED, MUD ADDITIVES, DESILTER, U.FLOW, O. FLOW, and SURVEYS.

REMARKS section with handwritten entries: TRAVEL TIME FROM EDMONTON TO RIG # 11, TRAVEL TIME FROM RIG TO EDMONTON, and DRILLER'S SIGNATURE.

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. LANGLIOS 8 FLOOR T. PAKIWARA 8 FLOOR A. COLLISSON 8 FLOOR Travel Time From Edmonton To Rig TOUR 2 8 A.M. TO 4 P.M. HRS. DRILLER J. HONISH 8 DERRICK N. MAGNUSON 8 MOTOR P. TREPTOW 8 FLOOR R. JOHNSON 8 FLOOR K. GIBBONS 8 FLOOR Travel Time From Rig To Edmonton TOUR 3 4:00 P.M. TO MIDNIGHT HRS. DRILLER DERRICK Travel Time MOTOR FLOOR FLOOR

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

Table with columns: POSITION, TOUR, HRS., SIGNATURE. Includes handwritten entry: TRAVEL Time.

Bottom section with tables for BOP, HYDRIL, PIPE RAMS, BLANK RAMS, TOTCO RING, ON/OFF, BOILER OPERATED, HRS., FIRE EQUIP. CHECKED, FUEL ON HAND, FUEL REC'D TO-DAY, TOTAL, FUEL ON HAND 11:59 P.M., FUEL USED, CASING REPORT, RAN & CEM., JTS., CSG. AT, FT. WITH, SAX, PLUS, %, PLUG DOWN, A.M. P.M., RETURNS, YES/NO, 88LS., DRILL PIPE, CLASSIFICATION, TOTAL, DATE, SONOSC., FT. DRILLED SINCE SONOSC., FT. DRILLED THIS DATE, TOTAL FT. DRILLED, APPROVED OPERATOR, APPROVED TOOLPUSHER, WATER COST, CUSTOMER'S COPY.

No 14841

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION

I.O.E. STONY G 6

DATE FEB 6 1973

No 14932

DAYS FROM SPUD 55

MAINTENANCE ADDRESS SAFETY DAYS 180

ROAD CONDITIONS

WEATHER BEAUTIFUL

DATE FEB. 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.

FROM SPUD																																	
FROM		TO		FOOTAGE		HRS. ON BOTTOM		WT. DRILL PIPE		STANDS		SINGLES		DRILL COLLARS		NO.		O.D.		I.D.		LENGTH		WT. AIR		32.45		FT. UPON BELL					
7152		7232		180		74		138"		72		2		16		6 3/4		28		492.26		32.45		36									
NO.		SIZE,		TYPE		JETS		SERIAL		WT.		R.P.M.		DRILLED OR CORED		DEPTH IN		OUT		HRS.		PUMP NO.		PUMP PRESSURE		S.P.M.		T		B		G	
19		8 1/2		S88		3/11		426928		35		55		6-00		6732				24		1		1200		90				1		N	
																	JUNK SUB 2.64																
MUD		VIS.		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.		29		8.7				11.0										1200		8P80		90		6"				8P80				6"	
4 AM		29		8.9				7.0																									

WATER ADDED: 2 1" HOSES 7 HRS. DESILTER: HRS. OP. U.FLOW O. FLOW
MUD ADDITIVES: CAUSTIC 6 BAGS

TURNED 1-2 PUMP RODS 28 7140

DRILLING		SIZE	MAKE	NO. LINES	TRIPS	TON. MILES	TOTAL MILES	FEET	SLIP OR CUT	AT MILES	DATE	SLIP OR CUT	NEXT SLIP	ON SPOOL			
LINE	RECORD	1 1/8	W.R.1.	8		137	20972						20655	2360			
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUNBS 32-45				FT. HALL
7332	7515	183	71	139M	74	2		16	6 3/4	238	49226	-					RELLY
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH	IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
19	8 1/2	S88	3-11	426928	35	55	783				31	1	1200	90	DRAG		

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW
MUD ADDITIVES: CAUSTIC 9 BAGS METSO BEADS 1 BAG

P M	WATER ADDED:					DESILTER: HRS. OP.		C.FLOW		SURVEYS	
	MUD ADDITIVES: CEMENT 9 BAGS									DEG.	DEPTH
	METSO BEADS 1 BAG									3°	739°

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW
MUD ADDITIVES: CAUSTIC 5000 - 8 BAGS

NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
19	8 1/2	S88	3-11	426928	35	55	1018	6732	38 1/2	1	400	45			1A

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW
MUD ADDITIVES: CAUSTIC 5000 - 8 BAGS

O	8 P.M.	28	8.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW
MUD ADDITIVES: CAUSTIC 5000 - 8 BAGS

BOP	TESTED	PRESSURE	TIME	REPAIR DATE	CROWNOMATIC CHECKED	FUEL REC'D TO-DAY		1.		PLU
							GALS.			
HYDRIL	✓				ENGINE SHUT-OFF CHECKED	TOTAL		2.		D
PIPE RAMS.	✓				WELLY COCK		GALS.	3.		512

WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW
MUD ADDITIVES: CAUSTIC 5000 - 8 BAGSSURVEY CHECK R.O.P. 12.00 12.15 1/4
DRILL 12.15 8.00 7 1/4J. Housh
DRILLER'S SIGNATURERIG SERV. V.B.O.P.'S
DRLG
CIRC. + RUN SURVEY.
DRLGA. Pooners
DRILLER'S SIGNATURERIG SERV. V.B.O.P.'S
DRILLA. Pooners
DRILLER'S SIGNATUREA. Pooners
DRILLER'S SIGNATUREA. Pooners
DRILLER'S SIGNATUREA. Pooners
DRILLER'S SIGNATUREA. Pooners
DRILLER'S SIGNATURE

TOUR	1 MIDNIGHT TO 8 A.M.	HRS.
DRILLER	J. Housh	8
DERRICK	M. MAGNUSON	8
MOTOR	P. TREPTOW	8
FLOOR	P. JOHNSON	8
FLOOR	K. GIBBONS	8
FLOOR		

TOUR	2 8 A.M. TO 4 P.M.	HRS.
DRILLER	A. EWASINK	8
DERRICK	K. MAGNUSON	4
MOTOR	E. KRIEGER	8
FLOOR	J. CLARKE	8
FLOOR	F. KRIEGER	8
FLOOR	W. PUDAR	12

TOUR	3 4 P.M. TO MIDNIGHT	HRS.
DRILLER	B. WOOD	8
DERRICK	D. SIEBEN	12
MOTOR	S. WEBSDALE	8
FLOOR	A. KLEW	8
FLOOR	S. MATTHEWS	8
FLOOR	R. ALEXIE	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 TALKS - SUBJECT

GIVEN BY

CUSTOMER'S COPY

No 14932

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION I.O.E STONY G 6

DATE FEB 5 1973

DAYS FROM SPUD 54

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

No 14931

DATE FEB 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.

TOUR 1: MIDNIGHT TO 8 A.M.

HRS.

DRILLER	J. HONISH	8
DERRICK	M. MAGNUSON	8
MOTOR	P. TREPTOW	8
FLOOR	R. JOHNSON	8
FLOOR	K. GIBBONS	8
FLOOR		

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

HRS.

DRILLER	A. EWASUK	8
DERRICK	N. MAGNUSON	4
MOTOR	E. KRIEGER	8
FLOOR	J. CLARKE	8
FLOOR	F. KRIEGER	8
FLOOR	W. PUDAR	8

TOUR 3: 4:00 P.M. TO MIDNIGHT

HRS.

DRILLER	B. WOOD	8
DERRICK	D. SIEBEN	12
MOTOR	S. WEERDALE	8
FLOOR	A. KLEIN	8
FLOOR	S. MATTHEWS	8
FLOOR	R. Alexie	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

CUSTOMER'S COPY

No 14931

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	WT. AIR	WT. AIR
6732	6764	32	2	132"	66	2	16	64	28		492.26	32.45	28	

NO.	SIZE	TYPE	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	8.0	S88	3-11	426928	30	50	32	6732		2	1	1200	90	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.									1200	8P80	90	6"		8P80		6"

WATER ADDED:
MUD ADDITIVES: METSO-BEADS 1 BAG.
CAUSTIC 2 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
18	WRL	8			137	20492				20655	3360

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	WT. AIR	WT. AIR
6764	6904	140	7	133	68		16	64	28		492.26	32.45	28	

NO.	SIZE	TYPE	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	8.0	S88	3-11	426928	35	50	172			9	1	1200	90			

WATER ADDED: 2" STRENGTH 3" HR
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
18	WRL	8			137	20492				20655	3360

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	WT. AIR	WT. AIR
6904	7152	248	7	134	71		16	64	28		492.26	32.45	28	

NO.	SIZE	TYPE	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	8.0	S88	3-11	426928	35	50	420	6732		16	1	1200	90			

WATER ADDED: 2" STRENGTH 4 1/2 HR
MUD ADDITIVES: CAUSTIC 2 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
18	WRL	8			137	20492				20655	3360

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 7:01 A.M.	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	S.X
HYDRIL																
PIPE RAMS.																
BLANK RAMS.																
TOTCO RING	ON/OFF	BOILER OPERATED	HRS.	FIRE EQUIP. CHECKED		FUEL USED	GALS.									

REMARKS

CHAIN OUT WITH MAGNET

RECOVERED CONE

RUN IN W/ BIT + JUNK SUB

REAR UNDER GAGE HOLE 3'

WORK JUNK SUB

DRILL

DRILLER'S SIGNATURE

RIG SERV. ✓ B.O.P.s

DRIG

RUN SURVEY

DRILL

RIG SERV. ✓ B.O.P.s

DRILL

CIRCULATE 20 MIN. TO RUN

SURVEY - SURVEY

DRILLER'S SIGNATURE

DRILL

RIG SERV. ✓ B.O.P.s

DRILL

CIRCULATE 20 MIN. TO RUN

SURVEY - SURVEY

DRILLER'S SIGNATURE

DRILL

RIG SERV. ✓ B.O.P.s

DRILL

RIG SERV. ✓ B.O.P.s

							TIME																						
REMARKS						START	STOP	INTVL.																					
SURVEY SINKER BAR UNSCREWED																													
TRIP FOR SURVEY						12.00																							
LAY DOWN 2 STAB.																													
FILL PIPE TWICE RUNNING IN																													
HOLE SWABBING						6.45	6 ³ / ₄																						
DRILL						6.45	8.00	1 ¹ / ₄																					
J. Horne DRILLER'S SIGNATURE																													
RIG SERV V BOPS						8.00	8.15	1 ¹ / ₄																					
DRG.						8.15	10.45	2 ¹ / ₂																					
DROP SURVEY.						10.45	11.00	1 ¹ / ₄																					
TRIP OUT = MINUS 1 CONE.						11.00	4.00	5 ¹ / ₈																					
A. D. ... DRILLER'S SIGNATURE																													
SERV. RIG V B.O.P.'S						4 ⁰⁰	4 ¹⁵	1 ¹ / ₄																					
SLIP - CUT LINE						4 ¹⁵	5 ¹⁵	1 ¹ / ₄																					
WAIT ON MAGNET						5 ¹⁵	6 ⁰⁰	1 ¹ / ₄																					
MAKE UP JUNK SUB + MAGNET						6 ⁰⁰	6 ³⁰	1 ¹ / ₄																					
RUN IN MAGNET						6 ³⁰	7 ³⁰	1 ¹ / ₄																					
FILL PIPE TWICE							9 ³⁰	2 ¹ / ₄																					
FISHING FOR CONE						9 ³⁰	11 ⁰⁰	1 ¹ / ₄																					
TRIP OUT						11 ⁰⁰	12 ⁰⁰	1 ¹ / ₄																					
Change Light Plant @ Camp Asis McIsaac date 1-2-69								8																					
D. M. L. ... DRILLER'S SIGNATURE																													
REPORT RAN & CEM. JTS. CSG. AT FT. WITH SAL. % PLUG DOWN A.M. P.M. RETURNS YES/NO BBL. <table border="1" style="width: 100%; font-size: small;"> <thead> <tr> <th>PIPE</th> <th>CLASSIFICATION</th> <th>TOTAL</th> <th>DATE</th> <th>FT. DRILLED</th> <th>FT. DRILLED</th> <th>TOTAL FT.</th> </tr> <tr> <th>JT</th> <th>NO. 2 NO.</th> <th>STS.</th> <th>SINCE SONOSC.</th> <th>SINCE SONOSC.</th> <th>THIS DATE</th> <th>DRILLED</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> APPROVED : [Signature] SUPERVISOR : [Signature] WATER COST \$ CUSTOMER'S COPY									PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.	JT	NO. 2 NO.	STS.	SINCE SONOSC.	SINCE SONOSC.	THIS DATE	DRILLED							
PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.																							
JT	NO. 2 NO.	STS.	SINCE SONOSC.	SINCE SONOSC.	THIS DATE	DRILLED																							

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	J. HONISH		8
DERRICK	M. MAGNUSON		8
MOTOR	P. TREPTOW		8
FLOOR	R. JOHNSON		8
FLOOR	K. GIBBONS		8
FLOOR			
TOUR 2 8 A.M. TO 4 P.M.			HRS.
DRILLER	A. EWASLUK		8
DERRICK	N. MAGNUSON		4
MOTOR	E. KRIEGER		8
FLOOR	J. CLARKE		8
FLOOR	F. KRIEGER		8
MOTOR FLOOR	W. PUDAR		12
TOUR 3 4:00 P.M. TO MIDNIGHT			HRS.
DRILLER	B. WOOD		8
DERRICK	D. SIEREN		12
MOTOR	S. WEBSDALE		14
FLOOR	A. KLEIN		8
FLOOR	S. MATTHEWS		11
FLOOR	R. Alexie		13
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 <i>Jack M. L...</i>			
SAFETY TALKS - SUBJECT _____			
GIVEN BY _____			

No 14930

№ 14930

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION I.O.E. STONY G 06

DATE FEB. 27 1973

No 14928

DATE FEB 27/73

RIG # 11

DAYS FROM SPUD 51 MAILING ADDRESS

ROAD CONDITIONS

WEATHER

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000	FT. WOB
6150	6230	80	7 1/2	109M	63			10	6 1/4	2 1/8	308.22	26.93	26.93	28
NO.	SIZE	TYPE	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	3-22	357609	25	55	380	5850		384	1	600	90	100
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
12 MN.	34	8.6	99	10					600	8P80	90	6"	600	8P80
4 A.M.	33	8.6	20	11										
WATER ADDED: 1" STREAM 6 hr DESILTER: HRS. OP. U.FLOW O. FLOW														
MUD ADDITIVES: CAUSTIC 2 BAGS														
SURVEYS														
DEG. DEPTH														
436 200														
CHANGED SAUER SUB.														
HELD SAFETY MEETING (SCOTT AIR PACKS)														
DRILLER'S SIGNATURE														
RIG SERV. V. BOPS														
DRLG														
8.00 8.15 1/4														
8.15 4.00 7 1/2														
8														
Work On Motors (W. Pudar)														
DRILLER'S SIGNATURE														
RIG SERV. V. BOPS + SURVEY														
DRILL														
DROP SURVEY + TRIP OUT														
BIT # 17 Trip														
10.00 12.00 2														
R. Alexie - Work Strip Light														
8														
DRILLER'S SIGNATURE														
4 1/2 6305														
BOP														
TESTED PRESSURE TIME LAST REPAIR DATE														
CROWNOMATIC CHECKED														
ENGINE SHUT-OFF CHECKED														
KELLY COCK CHECKED														
FUEL ON HAND 12:01 A.M. 2 1/2' GALS.														
FUEL REC'D TO-DAY														
TOTAL														
FUEL ON HAND 11:59 P.M.														
FUEL USED														
MOTOR HRS.														
OIL CHANGE														
CASING REPORT														
RAN & CEM.														
JTS.														
CSG. AT														
FT. WITH														
SAX														
TOOLPUSHER'S APPROVAL														
SAFETY TALKS - SUBJECT														
SCOTT AIR PACKS														
GIVEN BY B. WOOD														
CUSTOMER'S COPY														
No 14928														

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 J. HONISH 8

DERRICK N. MAGNUSON 8

MOTOR P. TREPTOW 8

FLOOR R. JOHNSON 8

FLOOR K. GIBBONS 8

FLOOR

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

DRILLER A. EWASLUK 8

DERRICK N. MAGNUSON 4

MOTOR E. KRIEGER 8

FLOOR J. CLARKE 8

FLOOR F. KRIEGER 8

MECH FLOOR W. PUDAR 12

TOUR 3 4:00 P.M. TO MIDNIGHT HRS.

DRILLER B. WOOD 8

DERRICK D. SIEBEN 12

MOTOR S. WEBSDALE 8

FLOOR A. KLEIN 8

FLOOR S. MATTHEWS 8

FLOOR R. Alexie 9

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

GUSTAVSON ARCTIC DRILLING COMPANY

DAYS FROM SPUD 50 MAILING ADDRESS

RIG NO. 11 WELL DOME UNION I.O.E.

STONY G 6 DATE FEB 1 1973

Nº 14927

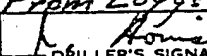
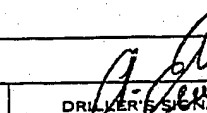
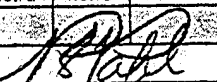
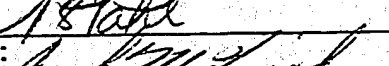
DATE FEB 1 / 73 RIG # 11

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.

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP OR KELLY			
5905	5984	79	73	106M	60	1		10	6 3/4	2 1/8	308.22	26.93	26.93			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	14	55	134	5850		17	1	500	90		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.	40	8.7	182	10.5					500	8P80	90	6"	500	8P80	90	6"
4 A.M.	38	8.7	19	10.												
WATER ADDED: DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: GEL-61 BAGS CAUSTIC-4 BAGS SURVEYS																
KWIK SEAL-8 BAGS SAWDUST-13 BAGS																
DEG. DEPTH																
3 5920																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
5984	6074	90	24	107M	61	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	15-25	55	224			24	1	500	80			
MUD	VIS.	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.	35	8.4	17.6	10.5									500	8P80	80	6"
12 NOON	38	8.8	18	11					500	8P80	80	6"				
WATER ADDED: BUILDING VOLUME DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: GEL-51 SKS SAWDUST-12 SKS SURVEYS																
CAUSTIC-2 SKS																
KWIK SEAL-16 SKS																
DEG. DEPTH																
3 1/2 6056																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6074	6150	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6150	6230	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6230	6310	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6310	6390	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6390	6470	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6470	6550	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6550	6630	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6630	6710	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6710	6790	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6790	6870	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6870	6950	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	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.	35	8.6	182	11					600	8P80	90	6				
8 P.M.	33	8.7	-	10.5					600	8P80	90	6				
WATER ADDED: 1" STREAM - 4 HRS DESILTER: HRS. OP. U.FLOW O. FLOW																
MUD ADDITIVES: CAUSTIC 1 BAG SURVEYS																
DEG. DEPTH																
4 6115																
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL					
6950	7030	76	24	108M	62	1				19860	3460					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
17	8 1/2	M88	3-22	357609	25	55	300	5850		31	1	600	90			
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL						

RIG # 11

WEATHER

REMARKS		TIME		
		START	STOP	INVL.
FINISH RUNNING IN DST #1		12 ⁰⁰	12 ³⁰	1/2
HEAD UP TOOL		12 ³⁰	1 ⁰⁰	1/2
TESTING		1 ⁰⁰	1 ⁰⁰	3
PULL DST #1 SLOW.		4 ⁰⁰	8 ⁰⁰	4
				8
 DRILLER'S SIGNATURE				
FINISH OUT WITH D.S.T. #1		18 ⁰⁰		
BREAK DOWN TOOLS			11 ³⁰	3 1/2
RUN IN WITH BIT #17		11 ³⁰	2.15	2 3/4
DRILL		2.15	4.00	1 1/2
Ran DST #1 5725-5850 tool open 12:53 AM I.F. 5 min 151 60 F.P. 60 F.S. 60 Test ok.				
NO FILL ON RTM.				
Clean Up Limbs From Loggs Cut By Stock S. Ho.				
 DRILLER'S SIGNATURE				
RIG SERV. V. B.O.P's		4 ⁰⁰	4 ¹⁵	1/4
DRLG		4 ¹⁵	12 ⁰⁰	7 1/2
				8
 DRILLER'S SIGNATURE				
NG REPORT: RAN & CEM.		JTS.	CSG. AT	FT. WITH
%	PLUG DOWN	A.M. P.M.	RETURNS	YES/NO
PIPE	CLASSIFICATION	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.
JT	NO. 2 NO. 3			
				
OVERD. PUSHER:		WATER COST \$		CUSTOMER'S COPY

N^o 14926

Nº 14926

GUSTAYSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION 10E STONY G-06

DATE JAN 31 1973

NO 14840

DAYS FROM SPUD _____ MAILING ADDRESS _____

ROAD CONDITIONS _____

WEATHER _____

DATE JAN 31 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. *Travel Time*

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER B. WOOD 8
DERRICK D. SIEBEN 8
MOTOR S. WESSDALE 8
FLOOR A. KLEIN 8
FLOOR S. MATTHEWS 8
MECH. W. PUDAR 8

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

DRILLER A. LUNDIE 8
DERRICK H. HAYDON 8
MOTOR R. LANGLOIS 8
FLOOR T. PALIWODA 8
FLOOR A. COLLISON 8
MECH. H. BELAMY 8

TOUR 3 4:00 P.M. TO MIDNIGHT

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
			<i>Travel Time</i>
TOOLPUSHER'S APPROVAL <u>[Signature]</u>			
SAFETY TALKS - SUBJECT _____			

GIVEN BY: _____

NO 14840

CUSTOMER'S COPY

TRAVEL TIME FROM EDMONTON TO RIG 11

TRAVEL TIME FROM RIG 11 TO EDMONTON

B. Wood
DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

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	CLASSIFICATION	TOTAL JTS	DATE SONOSC	FT. DRILLED SINCE SONOSC	FT. DRILLED THIS DATE	TOTAL FT. DRILLED					
SIZE	JT	NO. 2	NO. 3								
APPROVED OPERATOR: <u>[Signature]</u>		APPROVED TOOLPUSHER: <u>[Signature]</u>		WATER COST \$							

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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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		
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MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS %	OIL %	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
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8 P.M.																
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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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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.																
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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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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.																
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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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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					
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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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		

WEATHER

FROM	TO	FOOTAGE	HRS.	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP				
5788	5850	62	6 1/4	104m	59	-		10	6 3/4	2 7/8	308.22		26.93	22				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
16	8 1/2	M88	2-11	24972	110-15	55	146			20 1/2	1	1550	110		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		
12 MN.	32	8.7	20.8	10.5					1550	8P80	110	6"						
4 A.M.	38	8.7	15.2	9.8					1550	8P80	110	6"						
WATER ADDED: 2" STREAM								DESILTER: HRS. OP.				U.FLOW		O. FLOW				
MUD ADDITIVES: GEL-105 Bags Super Vis-12 Bags Caustic-3 Bags														SURVEYS				
Quick Seal-13 Bags Stay FLO-2 Bags														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							
5850	1 1/8	WRI	8		581	19646				19860	3460							
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP				
5850				104	59			10	6 3/4	2 7/8	308.22		26.93	22				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
16	8 1/2	M88	2-11	24972	110-15	55	146			20 1/2	1	1550	110		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.	41	8.7	13.0	10.5					1550	8P80	110	6"		8P80		6"		
12 NOON																		
WATER ADDED: 2" STREAM								DESILTER: HRS. OP.				U.FLOW		O. FLOW				
MUD ADDITIVES: GEL-34 Bags CAUSTIC 1 Bag														SURVEYS				
Quick Seal 3 Bags														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							
5850	1 1/8	WRI	8		625	19690				19860	3460							
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. UP				
5850				104	59			10	6 3/4	2 7/8	308.22		26.93	22				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
16	8 1/2	M88	2-11	24972	110-15	55	146			20 1/2	1	1550	110		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		
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							
5850	1 1/8	WRI	8		733	19798				19860	3460							
BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 7 A.M.	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CAS							
HYDRIL					ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY	GALS.	1.			PLUS							
PIPE RAMS.					KELLY COCK CHECKED	TOTAL	GALS.	2.			DRILL SIZE							
BLANK RAMS.	✓					FUEL ON HAND 11:59 P.M.	GALS.	3.			APPROXIMATE							
TOTCO RING	ON/OFF	BOILER OPERATED	24 HRS.	FIRE EQUIP. CHECKED		FUEL USED	GALS.	4.			APPROXIMATE							
								5.			APPROXIMATE							
								6.			APPROXIMATE							

REMARKS

TIME		
START	STOP	INTVL

CIRC SAMPLE.

DRILL

R. & SER ✓ BOPS

D-2111

CIRC FOR OST

LOSTED TO FORMATION 450

BBLS OF MUD

A. Lunde
DRILLER'S SIGNATURE

CIR. BUILD VOLUME

DROP SURVEY

PULL OUT 30 STDS/HOL

SWAPPING RUN IN TO PTM.

CIP

PULL OUT SLOW

PUMP HALF SPEED 550 P.S.I.

TRIP OUT (SLOW)

RIG SERV ✓ BOPS

PICK UP TEST TOOLS + MAKE UP

TRIP IN WITH D.S.T. No 1

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

5. SAFETY TALKS - SUBJECT

GIVEN BY: _____

**CUSTOMER'S
COPY**

№ 14925

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION 10E. STONY 8-6

DATE JAN 29 1973

DATE JAN 29/73 RIG # 11

DAYS FROM SPUD 47

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

No 14924

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	3000S	FT. ON		
5294	5705	11	34	104m	57	1		10	6 3/4	2 3/8	308.22		26.93	32		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
15	8 1/2	M88	3-11	349721	10-15	55	104	5704	17 1/2	1	1400	110	1	H	1	
16	8 1/2	M88	3-11	349721	10	55	1			1	1525	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.	93	8.8	17.0	11.0					1525	8P80	110	6"				
4 A.M.																
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5704																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5705	5746	41	77	104m	58	1		10	6 3/4	2 3/8	308.22		26.93	32		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
16	8 1/2	M88	3-11	349721	10-12	55	104	5704		1	1550	110	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.	34	8.9	21	11					1550	8P80	110	6"		8P80		6"
12 NOON	34	8.8	21	10.5												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP. 8																
U.FLOW 9.5																
O. FLOW 8.8																
SURVEYS																
DEG. DEPTH																
3° 5746																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5746	5788	42	8	104m	58	1		10	6 3/4	2 3/8	308.22		26.93	32		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
16	8 1/2	M88	3-11	349721	10-15	50-70	84			14 1/2	1	1550	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.	33	8.8	21.6	10.0					1550	8P80	110	6"				
8 P.M.	33	8.8	21.3	10.0												
WATER ADDED: 15 STREAM																
MUD ADDITIVES: 1 BAG CAUSTIC																
10 BAGS GEL																
DESILTER: HRS. OP.																
U.FLOW 9.7																
O. FLOW 8.7																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5788	5811	23														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860	3460						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3000S	FT. ON		
5811	5811	0														
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.																
U.FLOW																
O. FLOW																
SURVEYS																
DEG. DEPTH																
3° 5776																
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 1/2	WRI	8			381	19646			19860							

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 4

WELL DOME 4400465 STARY G-06

DATE Jan 25 1973

No 14890

DAYS FROM SPUD 113

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE Jan 25/73 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	15
MOTOR	R. LANGLIOS	15
FLOOR	T. PALIMODA	15
FLOOR	A. COLLISON	15
FLOOR		

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

HRS.

DRILLER	J. HONISH	13
DERRICK	M. MAGNUSON	13
MOTOR	P. TREPTON	13
FLOOR	R. JOHNSON	13
FLOOR	K. GIBBONS	13
FLOOR	H. ROLLAND	13

TOUR 3 4:00 P.M. TO MIDNIGHT

HRS.

DRILLER	A. ENASWIK	16
DERRICK	L. SCOTT	16
MOTOR	F. KRIEGER	16
FLOOR	J. CLARKE	16
FLOOR	F. KRIEGER	16
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
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TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

CUSTOMER'S COPY

No 14890

DAYS FROM SPLOG																													
FROM		TO		FOOTAGE		HRS. ON BOTTOM		WT. DRILL PIPE		STANDS		SINGLES		DRILL COLLARS		NO.		O.D.		I.D.		LENGTH		WT. AIR		SEDS		FT. UP ON KELL	
15601								128		53		1				3		1 1/4		9 3/4		27 1/2		54 1/2		42 1/2		39	
BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G												
	12	1 1/2	475G	2 1/2	22339							142	1000	50	11														
MUD	VIS.	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.									1500	8P50	50	6"	1500	8P50	50	6"													
4 AM.																													

DESILTER: HRS. OP.

U.FLOW

O. FLOW

SURVEYS

DEG. DEPTH

DEG.

DEPTH

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Nº 14888

WEATHER

DATE Jan 23 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.

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER	B. WOOD	8
DERRICK	D. SIEBEN	8
MOTOR	S. WERSDALE	8
FLOOR	A. KREW	8
FLOOR	S. MATTHEWS	8
FLOOR		

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

DRILLER	A. LUNDIE	8
DERRICK	H. HAYDON	8
MOTOR	R. BRAGLOS	8
FLOOR	T. PAKIWEKA	8
FLOOR	A. CALLISSON	8
<u>DERRICK</u>	A. SCOTT	8

TOUR 3 4 00 P.M. TO MIDNIGHT

DRILLER	J. HONISH	8
DERRICK	N. MAGNUSON	8
MOTOR	P. TREPTOW	1
FLOOR	P. JOHNSON	1
FLOOR	K. GIBBONS	8
FLOOR		

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

AX	TOOLPUSHER'S APPROVAL
LS.	SAFETY TALKS - SUBJECT

GIVEN BY

№ 14888

FROM	TO	FOOTAGE	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP	REL.						
54935506	13	24	108				13	6 3/4	2 7/8	40173	5485	36							
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G			
10	5	5097210	D CORE	EC97210	14	60	13	5493		5 1/4	1	1150	98	14					
MUD	VIS.	WT.	W.L.	PH	PV	YP	DRILL	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER			
12 MN.	43	94	99	95	20	16	20	25			98								
4 A.M.	43	94	99	95							98	6"							
WATER ADDED:												DESILTER: HRS. OP.		U.FLOW		O. FLOW			
MUD ADDITIVES:																SURVEYS			
																DEG.		DEPTH	
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON. MILES	TOTAL MILES	FEET SLIP OR CUT	AT. MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL								
10	5	5097210	5	1	108	108	13	108	1906	19315	2460								
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP	REL.					
54935506	13	24	7	108				13	6 3/4	2 7/8	40173	5485	36						
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G			
10	5	5097210	D CORE	EC97210	14	60	13	5493		5 1/4	1	1150	98	14					
MUD	VIS.	WT.	W.L.	PH	PV	YP	DRILL	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER			
8 A.M.	43	94	99	100							98	6"							
12 NOON	43	94	102	130	17	20	27												
WATER ADDED:												DESILTER: HRS. OP.		U.FLOW		O. FLOW			
MUD ADDITIVES:																SURVEYS			
																DEG.		DEPTH	
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON. MILES	TOTAL MILES	FEET SLIP OR CUT	AT. MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL								
10	5	5097210	5	1	108	108	13	108	19315	2460	2460								
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP	REL.					
54935506	13	24	7	108				13	6 3/4	2 7/8	40173	5485	36						
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G			
10	5	5097210	D CORE	EC97210	14	60	13	5493		5 1/4	1	1150	98	14					
MUD	VIS.	WT.	W.L.	PH	PV	YP	DRILL	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER			
4 P.M.									1500	7000	80	6"	1500	2000	80	6"			
8 P.M.																			
WATER ADDED:												DESILTER: HRS. OP.		U.FLOW		O. FLOW			
MUD ADDITIVES:																SURVEYS			
																DEG.		DEPTH	
DRILLING	SIZE	MAKE	NO. LINES	TRIPS	TON. MILES	TOTAL MILES	FEET SLIP OR CUT	AT. MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL								
10	5	5097210	5	1	108	108	13	108	19315	2460	2460								
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. UP	REL.					
54935506	13	24	7	108				13	6 3/4	2 7/8	40173	5485	36						
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G			
10	5	5097210	D CORE	EC97210	14	60	13	5493		5 1/4	1	1150	98	14					
MUD	VIS.	WT.	W.L.	PH	PV	YP	DRILL	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER			
4 P.M.			</																

REMARKS	TIME				
	START	STOP	INTVL		
PICK UP CORE BARREL	12 ⁰⁰	1 ³⁰	1 ¹⁵		
RUN IN D.C.O. & STAND OF PIPE	1 ³⁰	2 ⁰⁰	1 ¹⁵		
SLIP AND CUT LINE & BOPS	2 ⁰⁰	2 ⁴⁵	2 ¹⁵		
TRIP IN WITH CORE BARREL	2 ⁴⁵	4 ³⁰	1 ⁴⁵		
PICK UP FOUR SINGLES THE BOTTOM WITH CORE BARREL	4 ³⁰				
PIPE		5 ¹⁵	3 ¹⁵		
DROP BALL & PUMP SHOCK DOWN	5 ¹⁵	5 ⁴⁵	1 ¹⁵		
CORING #1	5 ⁴⁵	8 ⁰⁰	2 ¹⁵		
Barry Wood DRILLER'S SIGNATURE			8		
CORING	8 ⁰⁰	9 ⁰⁰	1		
Rig SERV. 200'	9 ⁰⁰	9 ¹⁵	1 ¹⁵		
CORING	9 ¹⁵	2 ¹⁵	1		
Trip out	2 ¹⁵	4 ⁰⁰	1 ⁴⁵		
A. K. Wood DRILLER'S SIGNATURE			8		
FINISH OUT W/ CORE BBL	4 ⁰⁰	5 ³⁰	1 ¹⁵		
RECOVER CORE #1	5 ³⁰				
SERVICE BBL & STAND IN RIG		7 ⁰⁰	1 ¹⁵		
RUN IN	7 ⁰⁰	10 ⁴⁵	3 ¹⁵		
REAM PAT HOLE	10 ⁴⁵	12 ⁰⁰	1 ¹⁵		
J. Wood DRILLER'S SIGNATURE					
ISSUING REPORT	MAN & CEM.	JTS.	CSG. AT	FT. WITH	SA
%	PLUG DOWN	A.M.	RETURNS	YES/NO	BBL
PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED
JT	NO. 2 NO. 3	JTS.	SONOSC.	SINCE SONOSC.	THIS DATE
PROVED OPERATOR		PROVED D.P. PUSHER		WATER COST	CUSTOMER'S COPY

WEATHER

[illegible]

№ 14887

Nº 14887

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DONE UNION ICE STANT G-04

DATE APR 21 1972

No 14886

DAYS FROM SPUD 39

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE APR 21, 1972 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	5085	FT. UP ON KELL
1277	5305	28	7 1/2	12 1/2	50	1	3	15	9	4 3/4	2 1/2	519.27	51.95	16
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	230	5075	434	11.2	1600	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
12 MN.	1/2	9.1	12	2.5					1600	800	80	6"	1600	1600
4 A.M.	1/2	9.0	11.4	1.5					1600	800	80	6"	1600	1600
WATER ADDED:									DESILTER: HRS. OP.	8	U.FLOW	94	O. FLOW	91
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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	260	5075	597	11.2	1600	90	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
8 A.M.	45	9.0	10.2	10					1600	800	80	6"	1600	800
12 NOON	45	9.0	10.4	10					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.	1 1/2	U.FLOW	93	O. FLOW	9
MUD ADDITIVES:														
KCL-5	5	5	5	5	5	5	5	5						
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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	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			
100	100	100	100	100	100	100	100	100	100	100	100			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	NO.	PRESSURE	S.P.M.	T
13	1 1/2	MA88	3-16	32436	20	60	302	5075	57	1	11.2	80	1	N
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL
4 P.M.	45	9.0	11.2	10					1600	800	80	6"	1600	800
8 P.M.	45	9.0	11.2	9.5					1600	800	80	6"	1600	800
WATER ADDED:									DESILTER: HRS. OP.		U.FLOW		O. FLOW	
MUD ADDITIVES:														
STA FLO 2	2	2	2	2	2	2	2	2						
CAUSTIC 2	2	2	2	2	2	2	2	2						
DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES								

DATE Jan 20, 1973 RIG # 11

WEATHER.

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 KILLY			
5188	5277	39	7 1/2	122	49	1	15	7	6 3/4	7 1/2	54 1/2	21	51 98	31			
NO.	SIZE	TYPE	WEIGHTS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G	
13	1 1/2	M88	3	11	32H36	20	65	152	5075	31	1	1600	80	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.	45	9.1	133	85					1600	8PS0	80	6"	1600	8PS0	80	6"	
4 A.M.	47	9.4	14	10					1600	8PS0	80	6"	1600	8PS0	80	6"	
WATER ADDED:										DESILTER: HRS. OP.		U.FLOW		O. FLOW			
MUD ADDITIVES:										KCL - 5 Bags		CAUSTIC SODA - 2 Bags		4 1/2 gal/min		SURVEYS	
STAY FLO - 3 Bags														2' 5205			
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						
5227	5277	30	6	122	49	2	15	7	6 3/4	7 1/2	54 1/2	21	51 98	31			
NO.	SIZE	TYPE	WEIGHTS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G	
13	1 1/2	M88	3	11	32H36	20	65	152	5075	31	1	1600	80	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.	45	9.1	126	10					1600	8PS0	80	6"	1600	8PS0	80	6"	
12 NOON	44	9.1	15	95					1600	8PS0	80	6"	1600	8PS0	80	6"	
WATER ADDED:										DESILTER: HRS. OP.		U.FLOW		O. FLOW			
MUD ADDITIVES:										KCL - 4 Bags		STAY FLO - 2 Bags		4 1/2 gal/min		SURVEYS	
Super Lube Flo - 5 Bags										HME - 1 1/2 gal				1 3/4		5237	
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						
5277	5277	20	7	134	50		19	6 3/4	7 1/2	54 1/2	21	51 98	31				
NO.	SIZE	TYPE	WEIGHTS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G	
15	1 1/2	M88	3	11	32H36	20	60	202	5075	34	1	1600	80	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.	44	9.1	124	10					1600	8PS0	80	6"	1600	8PS0	80	6"	
8 P.M.	45	9.4	14	11					1600	8PS0	80	6"	1600	8PS0	80	6"	
WATER ADDED:										DESILTER: HRS. OP.		U.FLOW		O. FLOW			
MUD ADDITIVES:										KCL - 2 Bags		STAY FLO - 1 Bag		4 1/2 gal/min		SURVEYS	
CAUSTIC - 2 Bags														1 3/4		5255	
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						
5277	5277	8	7	13	189		19	6 3/4	7 1/2	54 1/2	21	51 98	31				
BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:31 A.M.		3'	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CASING				
HYDRIL					ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY			GALS.	1.			PLUS				
PIPE RAMS.					KELLY COCK CHECKED	TOTAL			GALS.	2.			DRILL SIZE				
BLANK RAMS.						FUEL ON HAND 11:59 P.M.			GALS.	3.			APPR OPER				
TOTCO RING	ON/OFF	BOILER OPERATED	HRS.	FIRE EQUIP. CHECKED		FUEL USED			GALS.	4.			APPR TOOL				
									GALS.	5.							
									GALS.	6.							

REMARKS		TIME		INTVL		
		START	STOP			
DRILL		12 ⁰⁰	3 ¹⁵	31		
RIG SERV & LOGS. RUN TOTAL		3 ¹⁵				
SURVEY			3 ⁴⁵	1		
DRILL		3 ⁴⁵	8 ⁰⁰	4		
PUMP PRESSURE AT $\frac{1}{2}$ SPEED						
600 PSI						
DRILLER'S SIGNATURE						
DRILL		8 ⁰⁰	10 ⁰⁰	2		
RIG SERV & LOGS		10 ⁰⁰	10 ¹⁵			
SURVEY		10 ¹⁵	10 ³⁰			
DRILL		10 ³⁰	3 ⁴⁵	4		
CIRC. SAMPLE		3 ⁴⁵	4 ⁰⁰			
CIRCULATE SAMPLE						
DRILL		4 ⁰⁰	4 ⁴⁵	3		
SURVEY MISRUN SER. RIG		4 ⁴⁵	7 ³⁰	2		
DRILL		7 ³⁰	8 ⁰⁰	1		
SURVEY		8 ⁰⁰	8 ⁴⁵	3		
DRILL		8 ⁴⁵	9 ¹⁵	1		
SURVEY		9 ¹⁵	12 ⁰⁰	3		
DRILL						
DRILLER'S SIGNATURE						
NG REPORT		RAN & CEM.	JTS.	CSG. AT	FT. WITH	
%		PLUG DOWN	A.M.	RETURNS	YES/NO	
P.M.						
PIPE CLASSIFICATION		TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED
NO. 2 NO. 3						
OVERDATOR		PUSHER		WATER COST		CUSTOMER COPY

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.

DRILLER	B. WOOD
DERRICK	D. SIEBEN
MOTOR	S. WEBSDALE
FLOOR	H. KLEIN
FLOOR	S. MARTINEWS
FLOOR	

TOUR 2 8 A M TO 4 P M

DRILLER	A. LUNDIE
DERRICK	H. HAYDON
MOTOR	R. LARGILLOS
FLOOR	T. PALMWOOD
FLOOR	A. CALHESON
DERRICK	FLOOR L. SCOTT

TOUR 3 4 00 P M TO MIDNIGHT

DRILLER	J. HANISH
DERRICK	N. MAGNUSON
MOTOR	P. TREPTOW
FLOOR	R. JOHNSON
FLOOR	K. GIBBONS
FLOOR	

INJURIES - COMPLETE BELOW

Y 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			<i>[Signature]</i>
SAFETY TALKS - SUBJECT			

GIVEN BY

**CUSTOMER'S
COPY**

№ 14885

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DORNE UNION 10E STONY C. 04

DATE JAN 19 1973

No 14884

DAYS FROM SPUD 37

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE JAN 19 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.

FROM 5064 TO 5075																	FT. HORN MILLY	
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5183		35			
5064	5075	11	2	12041	47	2		3	15	9 6 3/4	7 1/2	549.99	5198		35			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
12	12 1/4	MH	3-16	37547	30	60	199	4575	5075	28	142	1500	80	6	2	1		
13	12 1/4	MH	3-16	321136														
MUD	VIS.	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	9.1	122	10					1500	8220	40	6"	1500	8220	82	6"		
4 A.M.																		

WATER ADDED:

DESILTER: HRS. OP. 1 1/2 U.FLOW 9.4 O. FLOW 9.1

MUD ADDITIVES:

SURVEYS

DEG. DEPTH

DRILLING LINE RECORD	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 3/4	JET	5		713	18955	-	-	-	19156	3600					
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	50'S	10'S	1" ON REEL	1" ON SHOT	
5075	5125	50	6	12041	47	1	3	15	9	6 3/4	7 1/2	549.99	5198	23			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G	
13	1 3/4	MH	3-16	321136	25	65	50			6	142	1500	80				
DRILL																	
MUD	VIS.	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.									1500	8220	40	6"	1500	8220	82	6"	
12 NOON	38	9.1	116	9.0													

MUD	VIS.	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.									1500	3P9080		6"	1500	3P90	80	6"	
12 NOON	38	9.1	11690														
WATER ADDED: 1/2" STREAM										DESILTER: HRS. OP. 4		U.FLOW 9.9		O. FLOW 9.1			
MUD ADDITIVES: KCL-4 Bags Super-Lube-5 Bags C-11.5-5 Bags										CRUSTIC-1 Bag		GEL-10 Bags		5gal/min		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		12 1/4	MH	3	16	713	18955			19156	2600					
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	50'S	10'S		
5188	5195	7	1	12041	47		3	15	9	6 3/4	7 1/2	549.99	5198	35		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
13	12 1/4	MH	3-16	321136	20	75	65	113	5075	133	1	1600	80	1		
											2	1600	80			

MUD	VIS.	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.	42	9.2	121	10					1600	8220	80	6"	1600	8220	80	6"
8 P.M.	40	9.2	126	10												
WATER ADDED: 1/2" STREAM									DESILTER: HRS. OP.				U.FLOW 18		O. FLOW 91	
MUD ADDITIVES: GEL 16 Bags									SUPER ULS 8 Bags				SURVEYS			
STAYFLO 1 Bag													DEG.		DEPTH	
													2°		513	

DRILLING LINE RECORD	WELL NO.	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	ON SPOOL		
	122	MH	8		713	18955				19156	2600		
B.O.R.	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED		FUEL ON HAND 12:01 A.M.	5'	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CAS
							FUEL REC'D TO-DAY		GALS.	1.			PLUS
HYDRIL					ENGINE SHUT-OFF CHECKED		TOTAL		GALS.	2.			DRI SIZE
PIPE RAMS.									GALS.	3.			
BLANK RAMS.					KELLY COCK CHECKED		FUEL ON HAND 11:59 P.M.		GALS.	4.			APP OPE
										5.			

✓		BOILER	HRS.	FIRE EQUIP.						5.							APP
5199	5200	1	1	12041	47		3	15	9	6 3/4	7 1/2	549.99	5198	35			
		NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B
		MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	OIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.
		4 P.M.	42	9.2	121	10					1600	8220	80	6"	1600	8220	80
		8 P.M.	40	9.2	126	10											

REMARKS

DRILL
DROP SURVEY + RIG SERV.
TRIP OUT BIT # 12. TIGHT
FOR 40' DEEP BOTTOM
CHECK BORE. CHANCE STAB
WIZER BLADES
TRIP INTRIP IN WITH BIT # 13
RIG SERV. V BORE 5' FILL
DRILL 12 1/4 HOLEDRILL
SURVEY RIG SER
DRILLDRILL
SURVEY RIG SER
DRILLDRILL
SURVEY RIG SER
DRILL

TIME

START STOP INTV.

8:00 9:45 1 3/4
9:45 10:00 1/4
10:00 11:00 14:00 5:30 1 1/2
5:30 6:00 1/2
6:00 12:00 64:00 5:30 1 1/2
5:30 6:00 1/2
6:00 12:00 64:00 5:30 1 1/2
5:30 6:00 1/2
6:00 12:00 6TOUR 1 MIDNIGHT TO 8 A.M.
DRILLER B. WOOD
DERRICK D. SIEBEAL
MOTOR S. WISSDIE
FLOOR A. KET
FLOOR S. MATTHEWS
FLOORTOUR 2 8 A.M. TO 4 P.M.
DRILLER A. LADDIE
DERRICK H. HAYDON
MOTOR R. LANGHOS
FLOOR T. PALIWODA
FLOOR A. GALLISSON
DERRICK L. SCOTTTOUR 3 4:00 P.M. TO MIDNIGHT
DRILLER J. HOWISH
DERRICK N. MAGANUSON
MOTOR P. TREPTOW
FLOOR R. JOHNSON
FLOOR K. GIBBONS
FLOORINJURIES 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 BYCUSTOMER'S COPY
No 14884

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DENNE UNION 10E STONY G 06

DATE JAN 15 1973

No 14883

DAYS FROM SPUD 36 MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE JAN 15 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.

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER	HRS.
B. WOOD	8
D. SIEBEN	8
MOTOR	8
FLOOR	8
FLOOR	8
FLOOR	8

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

DRILLER	HRS.
A. LUADIE	8
DERRICK	8
MOTOR	8
FLOOR	8
FLOOR	8
DECK	14

TOUR 3 4:00 P.M. TO MIDNIGHT

DRILLER	HRS.
J. HONISH	8
DERRICK	8
MOTOR	8
FLOOR	8
FLOOR	8
FLOOR	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 TALKS SUBJECT

GIVEN BY

CUSTOMER'S COPY

No 14883

FROM SPUD 36																	FT. UP ON REL.	
FROM	TO		FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON REL.			
4958	4959		61	7 1/2	118M	46	2	3	15	9	6 3/4	27 1/2	54977	51.98	13			
BITS	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN OUT		HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B		
	12	12 1/4	AMM	3-15	37547	30	60	83			11	12	1525	80	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.	45	9.1	16	10.5					1525		8P80	80	6"	1525		8P80	80	6"
4 A.M.									1100		8P80	120	6"					

WATER ADDED: 1/2" STREAM
MUD ADDITIVES: KEL-S-BAY STAFF 1 Bag 11 1/2 GALS

DRILLING LINE	NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	SLIP OR CUT	DATE	NEXT SLIP	FT. LEFT ON SPOOL
1	100	100	100	100	100	100	100	100	100	100	100	100	100

FROM		TO		FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS		NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON		
4959		5019		59	7 1/2	118M	47	2	3		15	9	6 3/4	27 1/2	54977	51.98	11		
B T S	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN		OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B		
	12	12 1/4	AMM	3-15	37547	30	60	142				19	12	1525	80	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.		45	9.1	11	29.5					1525		8P80	80	6"	1525		8P80	80	6"
12 NOON		44	9.1	11	310														

WATER ADDED: 1/2" STREAM
MUD ADDITIVES: RCL-4 Bags 5 gals/mn
STAFF 10-5 Bags HME - 1 1/2 gals

DRILLING LINE	NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	SLIP OR CUT	DATE	NEXT SLIP	FT. LEFT ON SPOOL
1	100	100	100	100	100	100	100	100	100	100	100	100	100

31 May F10-1 Bags															31 May F10-2 Bags															1 7/8 4997														
Supp. Log F10-5 Bags																																												
DRILLING	SIZE	MARK	NO. LINES	NO. TRIPS	TON. MILES	TOTAL MILES	FEET	SLIP OR CUT	AT MILES	DATE	SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL																															
LOGGED	4 1/2	6	2	2	1.11	18947				19 May		2000	2600																															
															C.B. FT.															FT. UP														

WATER ADDED: 1/2" STREAM
MUD ADDITIVES: GEL 12 Bags 4 P.P. ULS 6 Bags 4 P.P. STAFF 10-5 Bags 5 GALS/mn 1 7/8 5040

DRILLING LINE	NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	SLIP OR CUT	DATE	NEXT SLIP	FT. LEFT ON SPOOL
1	100	100	100	100	100	100	100	100	100	100	100	100	100

PUMP																
MUD	VIS.	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.	45	8.1	10	10					1500	8P80	80	6"	1500	8P80	80	6"

WATER ADDED: 1/2" STREAM
MUD ADDITIVES: GEL 12 Bags 4 P.P. ULS 6 Bags 4 P.P. STAFF 10-5 Bags 5 GALS/mn 1 7/8 5040

DRILLING LINE	NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	SLIP OR CUT	DATE	NEXT SLIP	FT. LEFT ON SPOOL
1	100	100	100	100	100	100	100	100	100	100	100	100	100

DRILLING LINE RECORD	SIZE	WAGES	NO. LINES	TRIPS	TON. MILES	TOTAL MILES	SLIP OR CUT	SLIP OR CUT	1915/362						
TESTED	PRESSURE	TIME	LAST REPAIR	CROWNO-MATIC CHECKED	FUEL ON HAND 12:01 A.M.		2'	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CAS			
												PLUS			

WATER ADDED: 1/2" STREAM
MUD ADDITIVES: GEL 12 Bags 4 P.P. ULS 6 Bags 4 P.P. STAFF 10-5 Bags 5 GALS/mn 1 7/8 5040

DRILLING LINE	NO.	SIZE	MAKE	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	SLIP OR CUT	DATE	NEXT SLIP	FT. LEFT ON SPOOL
1	100	100	100	100	100	100	100	100	100	100	100	100	100

DRILL
RIG SERV. & BOP. + RAN TO 100
SURVEY
DRILLPUMP PRESSURE AT 1/2 SPEED
550 PSI
DRILLRIG SERV. BOP CHECK OK
SURVEY
DRILLDRILL
SURVEY
DRILL

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

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DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DATE JAN 17 1973 RIG # 11

WEATHER

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.	HR
---------------------------	----

DRILLER	A. EWASIVUK	8
DERRICK	L. SCOTT	8
MOTOR	F. KRIEGER	8
FLOOR	J. CLARKE	8
FLOOR	F. KRIEGER	8
FLOOR		

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

DRILLER	B WOOD
DERRICK	D SIEDEN
MOTOR	S WESSDALE
FLOOR	A KLEIN
FLOOR	S MATTHEWS
FLOOR	W PUJAR

TOUR 3 4 00 P M TO MIDNIGHT

DRILLER	A. Landle
DERRICK	H. Haydon
MOTOR	R. Langlois
FLOOR	T. Pahlwood
FLOOR	A. Callison
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	MRS.	SIGNATURE

X	TOOLPUSHER'S APPROVAL	<i>[Signature]</i>
S.	SAFETY TALKS - SUBJECT	

GIVEN BY _____

№ 14882

DRLG
SURVEY RIG SERV. V B.C.P.
DRLG

PUMP $\frac{1}{2}$ SPEED 355PM 800 PSI

DRILL
KIR SURV. & BOR
DRILL
DROP SURVEY & TRAP OUT BIT
11.

FINISH TRIP OUT & Lay Down	420
STRING REMOVAL	
SLIP DRILLING LANE	480
RUN IN WITH BIT = 12	500
DRILL	920

	DRILLER'S SIGNATURE <i>A. L. Smith</i>
--	---

G REPORT		RAN & CEM.		JTS.	CSG. AT		FT. WI	
2		.PLUG DOWN		A.M.	RETURNS		YES/NO	
P.M.								
PIPE	CLASSIFICATION		TOTAL	DATE	FT. DRILLED	FT. DRILLED		
JT	NO. 2	NO. 3	JTS.	SONOSC.	SINCE SONOSC.	THIS DATE		
OVED TATOR: <i>[Signature]</i>					WATER		\$	CU
OVED PUSHER: <i>[Signature]</i>					COST			

**CUSTOMER'S
COPY**

№ 14882

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL

DOME UNION I.O.F. STONY G-06

DATE JAN 15 1973

DAYS FROM SPUD 33

MAILING ADDRESS

ROAD CONDITIONS

WEATHER 42° BELOW LIGHT WIND

No 14880

DATE JAN 15 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.

TOUR 1 MIDNIGHT TO 8 A.M.

HRS.

DRILLER	A. EWASIAK	8
DERRICK	L. SCOTT	8
MOTOR	E. KRIEGER	8
FLOOR	J. CLARKE	8
FLOOR	F. KRIEGER	8
FLOOR		

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

HRS.

DRILLER	B. WOOD	8
DERRICK	J. SIERNY	8
MOTOR	S. WEBSDALE	8
FLOOR	A. KLEIN	12
FLOOR	S. MATTHEWS	8
FLOOR	M. DUNAR	8

TOUR 3 4 P.M. TO MIDNIGHT

HRS.

DRILLER	A. LUNDIE	8
DERRICK	H. HAYDON	9
MOTOR	R. LANGHOS	8
FLOOR	T. PALIWODA	12
FLOOR	A. CALLISSON	8
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	
E. Johnson			

GIVEN BY

CUSTOMER'S COPY

No 14880

FROM		TO		FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS		NO.	O.D.	I.D.	LENGTH	WT. AIR	C.S. WT. SUBS KID		FT. MIN
4598		4650		52	1 1/4	114M	43		3		15	9 1/2	6 3/4	2 3/4	514.27		59.57	38
B I T S	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN OUT		HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G	
	10	12 1/4	DWNT	3-15	913226	45	55	153				21 3/4	142	1600	80			DR LG

MUD	VIS.	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.	39	9.0	16	10					1600	8-P80	80	6"	1600	8-P80	80	6"
4 A.M.	40	8.9	16	10												

WATER ADDED: 1/2 STREAM DESILTER: HRS. OP. U.FLOW 9.3 O. FLOW 8.9

MUD ADDITIVES: SK. G. G. FL 7 K.P.L. SKS. 15% CAUSTIC SURVEYS

17 SKS SUPER U.S. DEG. DEPTH 1 3/4 4620

RECORD	16	WIR	8	181.73							188.13	3600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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MUD	VIS.	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.	40	8.9	16	10					1600	8-P80	80	6"	1600	8-P80	80	6"
12 NOON																

WATER ADDED: DESILTER: HRS. OP. 1 1/2 U.FLOW 9.4 O. FLOW 8.9

MUD ADDITIVES: METSO BEADS 1 BAG SURVEYS

2 1/8 4654 20 4675

LINE RECORD		DATE		TIME		NO.		18815		3600		2		1010		
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	59.57	32	
4675	4675	0	-	114m	43	1	3	15	9"	6 3/4"	2 3/4"	514.27	59.57	32		
NO.	SIZE	TYPE	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	12 1/4	DM	3-15	913228	3-5	60						182	175	69	14	

MUD	VIS.	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.									1775	8-P80	69	6"	1775	8-P80	69	6"
8 P.M.																

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

MUD ADDITIVES: SURVEYS

DEG. DEPTH

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	FT. ON	FT. IN
4675	4675	0	-	114M	43		3	15	9"	6 3/4"	2 3/4"	514.27	59.57	32

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M. 7 3 1/2 FT.	GALS.	MOTOR	HRS.	OIL CHANGE	CAS
HYDRIL					ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY	GALS.	1.			PLUS
PIPE RAMS.					KELLY COCK CHECKED	TOTAL	GALS.	2.			DRILL
BLANK RAMS.						FUEL ON HAND 11:59 P.M.	GALS.	3.			SIZE
TOTCO RING	ON/OFF	BOILER OPERATED 24 HRS.			FIRE EQUIP. CHECKED	FUEL USED	GALS.	4.			APPR
							GALS.	5.			OPER
							GALS.	6.			APPR
							GALS.				TOO

DRILL
RUN SURVEY ✓ ROP RIG SERV
MISRUN PERUN SURVEY.
DRILL

TIME	START	STOP	INTVL
	12.00	3.00	3
	3.00	3.30	1/2
	3.30	3.45	1/4
	3.45	8.00	4 1/2

DRILLER'S SIGNATURE

DRILL
RUN SURVEY RIG SERV. ✓ BOR
DRILL
DROP SURVEY AND TRIP OUT
BIT # 10

TIME	START	STOP	INTVL
	8.00	8.30	1/2
	8.30	9.00	1/2
	9.00	12.30	3 1/2
	12.30		
		4.00	3 1/2

DRILLER'S SIGNATURE

CHANGE BLADES STABILISER &
RIG SERVICE ✓ R.O.P.'s
ROLLERS ON NEAR BIT RETURNER.
TRIP IN BIT # 11
REAM TIGHT HOLE FROM 4637 TO
4663' - 25'

TIME	START	STOP	INTVL
	4.00		
	7.30	7 1/2	
	7.30	9.20	2
	9.20	12.00	2 1/2

DRILLER'S SIGNATURE

GIVEN BY

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION 14E STONY G-06

DATE Jan 14 1973

No 14879

DAYS FROM SPUD 32

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE Jan 14/73 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.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.B. 72	FT. UP OR ON SPOOL		
4492	4502	10	1 1/2	113m	41	2	3	15	9 1/2	2 3/4	84 1/2	59.57	40'			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
9	12 1/4	DMNT	3-16	913246	25m	60	5	194	4303	4497	28	1 1/2	1600	80		
10	12 1/4	DMNT	3-15	913246	25m	60	5	194	4303	4497	28	1 1/2	1600	80		
MUD	VIS.	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.	4.2	8.9	16	10.5												
4 A.M.	4.2	8.9	16	10.5												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.3	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4502	4548	46	7 1/4	114 1/2	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	50	51	134	142	1600	80					
MUD	VIS.	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.	4.3	9.4	16	10.5												
12 NOON	4.3	9.4	16	10.5												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4548	4599	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	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.	4.3	8.9	14	10.5												
8 P.M.	4.1	8.9	14	10												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4599	4645	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	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.	4.3	8.9	14	10.5												
8 P.M.	4.1	8.9	14	10												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4645	4691	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	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.	4.3	8.9	14	10.5												
8 P.M.	4.1	8.9	14	10												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4691	4737	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	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.	4.3	8.9	14	10.5												
8 P.M.	4.1	8.9	14	10												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4737	4783	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	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.	4.3	8.9	14	10.5												
8 P.M.	4.1	8.9	14	10												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4783	4829	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	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.	4.3	8.9	14	10.5												
8 P.M.	4.1	8.9	14	10												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4829	4875	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	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.	4.3	8.9	14	10.5												
8 P.M.	4.1	8.9	14	10												
WATER ADDED:																
MUD ADDITIVES:																
DESILTER: HRS. OP.	1/2 HA	U.FLOW	9.4	O. FLOW	8.9											
U.F.	4 GRM.															
DEG.																
DEPTH																
DRILLING LINE RECORD	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				
4875	4921	50	6 3/4	114	42											
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T B G		
10	12 1/4	DMNT	3-15	913246	45	60	101	145	152	1600	80					
MUD	VIS.	WT.	W.L.	PH</												

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION I.D.E. STONY G-06

DATE JAN 13 1973

No 14878

DAYS FROM SPUD 31 MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE JAN 13 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.

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER	HRS.
A. EWASIAK	8
DERRICK L. SCOTT	8
MOTOR E. KRIEGER	8
FLOOR J. CLARKE	8
FLOOR F. KRIEGER	8

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

DRILLER	HRS.
B. WOOD	8
DERRICK D. SIEBEN	8
MOTOR S. WEBSDALE	8
FLOOR A. KLEIN	8
FLOOR S. MATTHEWS	8
MOTOR W. DUDAR	12

TOUR 3 4:00 P.M. TO MIDNIGHT

DRILLER	HRS.
A. LUNDIE	8
DERRICK H. HAYDON	8
MOTOR R. LANGLOS	8
FLOOR T. PALIWODA	8
FLOOR A. CALLISSON	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 *Ed Johnson*
SAFETY TALKS - SUBJECT

GIVEN BY

CUSTOMER'S COPY

No 14878

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			
41337	4396	59	74	113M	40	1	3	15	9"	6 3/4"	2 3/4"	5497	5957	23			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G	
9	12 1/4	H75G	3-15	283127	30	60	93			12 1/2	1545	1600	80			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.	41	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
4 AM.	39	9.0	16	10.5													
WATER ADDED: 1/2" STREAM DESILTER: HRS. OP. 2 U.FLOW 9.8 O. FLOW 8.9																	
MUD ADDITIVES: GEL 6 BAGS 12 BAGS SUPER VIS																	
1 BAG STAY FLO 100																	
2 BAGS CAUSTIC 7 BAGS KCL																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4396	4443	47	7	113M	41												
9	12 1/4	H75G	3-15	283127	30	60	140				19 1/2	1600	80				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 AM.	43	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
12 NOON	43	8.9	15	10.5					1600	8280	80	6"	1600	8280	80	6"	
WATER ADDED: 1-1/2" STREAM DESILTER: HRS. OP. 8 U.FLOW 9.3 O. FLOW 0.9																	
MUD ADDITIVES: KCL 7 BAGS SUPER LUBE FLO 5 BAG																	
SUPER VIS 14 BAGS GEL 7 BAG STAY FLO 2 BAG																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4443	4492	49	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4492	4541	51	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4541	4590	53	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4590	4639	55	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4639	4688	57	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4688	4737	59	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4737	4786	61	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4786	4835	63	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4835	4884	65	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4884	4933	67	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4933	4982	69	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				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.	44	8.9	16	10.5					1600	8280	80	6"	1600	8280	80	6"	
8 P.M.	41	8.9	17	10.5													
WATER ADDED: 3/4" STREAM DESILTER: HRS. OP. 7 3/4 U.FLOW 9.4 O. FLOW 0.9																	
MUD ADDITIVES: KCL-8 BAGS CAUSTIC-2 BAGS																	
STAY FLO-2 BAGS																	
DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
4982	5031	71	7 1/2	113	41	28475											
9	12 1/4	H75G	3-15	283127	25	60	189				21 1/2	1600	80				1N

GUSTAVSON ARCTIC DRILLING COMPANY

DAYS FROM SPUD 30 MAILING ADDRESS

RIG NO. 11

WELL DOME UNION LOE. STONY G-06 DATE JAN 12 1973

WEATHER

No 14877

DATE JAN 12 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.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	S.V.R.S	FT. MIN			
4242	4282	40	7 1/2	112M	39	1	3	15	9 1/8	2 3/4	5492	51.98	20				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G			
8	1 1/2	M44	3-15	3769	30-45	50-65	151			24	142	1600	80	JN			
MUD	VIS.	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.	38	8.9	20	100					1600	8-P80	80	6"	1600	8-P80	80	6"	
4 A.M.	38	8.9	18.8	105													
WATER ADDED: 1/4 STREAM																	
MUD ADDITIVES: 3 BAGS STAYFLOW 2 BAGS CAUSTIC 4 GPM																	
7 BAGS KCL 6 BAGS GFL 12 SUPER VIS																	
DESILTER: HRS. OP. U.FLOW 9.3 O. FLOW 8.9																	
SURVEYS																	
DEG. DEPTH																	
DRILLING RECORD																	
NO.	SIZE	NAME	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL						
114	1 1/2	W4	8		973	19515					3600						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	S.V.R.S	FT. MIN			
1260	4303	21	4 1/2	112M	39	1	3	15	9 1/8	2 3/4	5492	51.98	41				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G			
5	1 1/2	M44	3-15	3769	40-45	55	172	4131	4303	285	142	1600	80	5 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.	43	8.9	17	105					1600	8-P80	80	6"	1600	8-P80	80	6"	
12 NOON	43	8.9	17	105													
WATER ADDED: 1/4 IN STREAM																	
MUD ADDITIVES: STAYFLOW 2 BAGS KCL 7 BAG 4 GAL LIN																	
SUPER LGBE FILL 5 BAG 2 GAL HITE																	
17 TSC BEADS 1 BAG																	
DESILTER: HRS. OP. 8 9.3 U.FLOW O. FLOW 8.9																	
SURVEYS																	
DEG. DEPTH																	
DRILLING RECORD																	
NO.	SIZE	NAME	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL						
15	1 1/2	W4	8		352	18594					3600						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	S.V.R.S	FT. MIN			
4303	4337	34	5	112M	39	2	3	15	9 1/8	2 3/4	5492	51.98	36				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G			
9	1 1/2	M44	3-15	3769	30	60	34	4303		5	142	1575	100	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	
4 P.M.									1575	8-P80	100	6"	1575	8-P80	100	6"	
8 P.M.	42	8.9	15	105													
WATER ADDED: 1/4 STREAM																	
MUD ADDITIVES: KCL 7 Bags																	
DESILTER: HRS. OP. SHUT U.FLOW DOWN O. FLOW																	
SURVEYS																	
DEG. DEPTH																	
DRILLING RECORD																	
NO.	SIZE	NAME	NO. LINES	TRIPS	TON MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL						
15	1 1/2	W4	8		352	18594					3600						
B.O.P.																	
TESTED	PRESSURE	TIME	EAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 8 A.M.	31.1 GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	SAX		
HYDRIL	✓			✓	FUEL REC'D TO-DAY	GALS.	1.			PLUS	%	PLUG DOWN	A.M. P.M.	RETURNS	YES/NO.	BBLS.	
PIPE RAMS.	✓			✓	TOTAL	GALS.	2.			DRILL PIPE	CLASSIFICATION	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED	
BLANK RAMS.	✓			✓	FUEL ON HAND 11:50 P.M.	GALS.	3.			SIZE	JT	NO. 2	NO. 3				
TOTCO RING ON/OFF	BOILER OPERATED 24 HRS.	FIRE EQUIP. CHECKED	✓	FUEL USED	GALS.	4.				APPROVED OPERATOR	WATER COST						CUSTOMER'S COPY
						5.				APPROVED TOOLPUSHER							

REMARKS	START	STOP	INTVL.
DRLG	12.00	5.30	5 1/2
WIRELINE SURVEY & BOP RIGSERV	5.30	6.00	1/2
DRLG	6.00	8.00	2
Pump 1/2 SPEED 40 STAS			
PSI 600			
DRILLER'S SIGNATURE			
DRILL	8.00	13.30	4 1/2
DROP SURVEY & TRIP OUT BIT	12.30	3.00	2 1/2
BREAK OUT SHOCK SUB	3.00		
BARRIER TARS TO PAT ON TOP			
OF 9" COLLARS PICK UP			
STRING LEADER	4.00		1
CHANGE OIL #2 LITEPLANT			8
CHANGE OIL CAMP PLANT			
DRILLER'S SIGNATURE			
Serv Rig checked Reel & Blank from 415	4.15		1/2
Removed tele drift from string	4.15		
Made up Grant 3 Point String Leader			
Installed @ 118'	5.30	7.00	1 1/2
Run in with B.T # 9.5' of fill	5.30	7.00	1 1/2
DRILL 12 1/4 HOLE.	7.00	12.00	5
DRILLER'S SIGNATURE			
TOOLPUSHER'S APPROVAL			
SAFETY TALKS - SUBJECT			
GIVEN BY			

TOUR 1 MIDNIGHT TO 8 A.M.				HRS.
DRILLER	A. EWASIVK	8		
DERRICK	L. SCOTT	8		
MOTOR	F. KRIEGER	8		
FLOOR	J. CLARKE	8		
FLOOR	F. KRIEGER	8		
FLOOR				
TOUR 2 8 A.M. TO 4 P.M.				HRS.
DRILLER	B. WOOD	8		
DERRICK	D. SIEBEN	8		
MOTOR	S. WEBSDALE	8		
FLOOR	A. KLEIN	8		
FLOOR	S. MATTHEWS	8		
FLOOR	W. PUDAR	10		
TOUR 3 4.00 P.M. TO MIDNIGHT				HRS.
DRILLER	A. LUNDIE	8		
DERRICK	H. HAYDON	8		
MOTOR	R. LANGLOS	8		
FLOOR	T. PALIWODA	12		
FLOOR	A. CALLISSON	8		
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 14877

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL

DOME UNION 10.E. STONY 6-06

DATE

JAN 11 1973DAYS FROM SPUD 29

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

No 14876

DATE JAN 11 1973RIG # 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. EWASIAK	8
DERRICK	L. SCOTT	8
MOTOR	F. KRIEGER	8
FLOOR	J. CLARKE	8
FLOOR	F. KRIEGER	8
FLOOR		

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

HRS.

DRILLER	B. WOOD	8
DERRICK	D. SIEMEN	8
MOTOR	S. WEBSDALE	8
FLOOR	A. KLEIN	8
FLOOR	S. MATTHEWS	8
FLOOR	W. DUDAR	13

TOUR 3 4:00 P.M. TO MIDNIGHT

HRS.

DRILLER	A. LANDIE	8
DERRICK	H. HAYDON	8
MOTOR	R. LANGLOS	8
FLOOR	T. PALIWODA	8
FLOOR	A. CALKISSON	8
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 [Signature]SAFETY TALKS - SUBJ. Blowout ControlGIVEN BY [Signature]

No 14876

FROM	TO	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
41131	41132	3	9"	2 1/2	112	37	2	22	22	2 1/2	112	1600	80	2 1/2	112	1600	80	2 1/2
8 12 4	1144N	3-15	376801	20	65	22												
MUD	VIS.	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.																		
1 A.M.	37	89	13	10.5														
WATER ADDED:	1/2	STREAM																
MUD ADDITIVES:	1/2	STREAM																

REMARKS	START	STOP	INTVL
TRIP OUT	12:00	1:30	1 1/2
LAY DOWN BIT SUB PICK UP	1:30		
NEAR BIT REMER-SERV TELEDRIFT		2:00	1/2
RIG SERV V.B.O.D. SLIP LINE	2:00	2:30	1/2
TRIP IN	2:30	4:30	2
WORK TIGHT HOLE.	4:30	5:30	1
DRAG	5:30	8:00	2 1/2

FROM	TO	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
41152	41153	3	9"	2 1/2	112	38	1	22	22	2 1/2	112	1600	80	2 1/2	112	1600	80	2 1/2
8 12 4	1144N	3-15	376901	30	75	67												
MUD	VIS.	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	88	16	10.5														
12 NOON	45	88	16	10.5														
WATER ADDED:	1/2	STREAM																
MUD ADDITIVES:	1/2	STREAM																

REMARKS	START	STOP	INTVL
KIG SERV V BOPS	8:00	8:15	1/4
RUN WIRELINE SURV. AT 4111	8:15	8:45	1/2
DRILL	8:45	12:30	3 1/2
RUN WIRELINE SURVEY + T.O.D.	12:30		
TELEDRIFT SURVEYS		1:00	1/2
DRILL	1:00	4:00	3

FROM	TO	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
41198	41199	3	9"	2 1/2	112	39	1	22	22	2 1/2	112	1600	80	2 1/2	112	1600	80	2 1/2
8 12 4	1144N	3-15	376901	30	40	50	111											
MUD	VIS.	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.	42	89	17	10														
8 P.M.	42	89	17	10														
WATER ADDED:	1/2	STREAM																
MUD ADDITIVES:	1/2	STREAM																

REMARKS	START	STOP	INTVL
DRILLING 12 1/4 HOLE.	4:00	6:40	2 1/2
Rig SER. B.O.P. CHECK OK.	6:40	6:15	1/4
SURVEY WIRE LINE.	6:15	6:30	1/4
DRILL	6:30	11:00	4 1/2
Survey	11:00	11:15	1/4
DRILL	11:15	12:00	3/4

FROM	TO	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PRESSURE	S.P.M.	T	B	G
41204	41205	3	9"	2 1/2	112	40	1	22	22	2 1/2	112	1600	80	2 1/2	112	1600	80	2 1/2
8 12 4	1144N	3-15	376901	30	40	50	111											
MUD	VIS.	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.	42	89	17	10														
8 P.M.	42	89	17	10														
WATER ADDED:	1/2	STREAM																
MUD ADDITIVES:	1/2	STREAM																

REMARKS	START	STOP	INTVL
Changed Valve, seat, + valvedisk on #1 pump.			

TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	SAX
HYDRIL	✓			✓	FUEL REC'D TO-DAY	GALS.	1.			PLUS	%	PLUG DOWN	A.M. P.M.	RETURNS	YES/NO
PIPE RAMS.	✓			✓	TOTAL	GALS.	2.			DRILL PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED	FT. DRILLED
BLANK RAMS.	✓			✓	FUEL ON HAND 11:59 P.M.	GALS.	3.			SIZE	JT	NO. 2	NO. 3	SINCE	THIS DATE
TOTCO RING	ON/OFF			✓	FUEL USED	GALS.	4.			APPROVED OPERATOR					
BOILER OPERATED	14	HRS.		✓			5.			APPROVED TOOLPUSHER					
FIRE EQUIP. CHECKED				✓			6.								

WATER COST

CUSTOMER'S COPY

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME Union I.O.F.

DATE Jan 10 1973

No 14836

DATE Jan 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.

DAYS FROM SPUD MAILING ADDRESS

ROAD CONDITIONS

WEATHER

Form with multiple tables for drilling logs, including columns for NO., SIZE, TYPE, JETS, SERIAL, WT., R.P.M., DRILL NO., DEPTH, HRS., PUMP NO., PUMP PRESSURE, S.P.M., T, B, G, and various other parameters.

REMARKS section with handwritten entries: TRAVEL TIME From Edmonton To Rig # 11, TRAVEL TIME From Rig To Edmonton, and 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. PALIWADA 8 FLOOR A. CALLISSAN 8 FLOOR L. SCOTT 8 TOUR 2 8 A.M. TO 4 P.M. HRS. DRILLER J. HONISH 8 DERRICK R. BERG 8 MOTOR W. Magnuson 8 FLOOR P. TREPTOW 8 FLOOR R. JOHNSON 8 FLOOR L. LAFIEUR 8 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 TRAVEL TIME Ed Johnson

Form with tables for BOP, HYDRIL, PIPE RAMS, BLANK RAMS, TOTCO RING, and various other equipment logs.

CASING REPORT, DRILL PIPE, and other equipment logs with handwritten entries.

GIVEN BY, CUSTOMER'S COPY, and other administrative fields.

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION A.O.C. STONY G6

DATE JAN 10 1973

No 14875

DAYS FROM SPUD 28 MAILING ADDRESS

ROAD CONDITIONS

WEATHER Snowing

DATE JAN 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.

MIDNIGHT TO 8 A.M.

8 A.M. TO 4 P.M.

4 P.M. TO 12 M.

12 M. TO 10 P.M.

10 P.M. TO 12 M.

FROM SPUD		28	MAILING ADDRESS															
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3285			FT. UP ON KELLY		
2089	4038	49	65	111	35			18	63	9	28	549	27	4529				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
7	12 7/8	MMT	3	71913	27	30-35	4	100	2938	16	1	1600	80	100				
												2	1600	80				
MUD	VIS.	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	88	174	100					1600	8150	80	6	1600	8150	80	6		
4 A.M.	45	88	174	110														
WATER ADDED:										DESILTER: HRS. OP.		0	U.FLOW		9.2	O. FLOW		8.5
																		SLURRY/FTS

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

DRILLING LINE RECORD	NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T
1	12 7/8	MMT	3	71913	27	30	35	45	100	2938	16	1	1600	80	1

REMARKS	START	STOP	INTVL
WORK PIPE SURVEY w/ TOTCO	1200	1245	3/4
CHECK B.O.P.S			
DRILL	1245	4.45	4
TOTCO SURVEY	4.45	5.15	1/2
DRILL	5.15	8.10	2 3/4

DEG.	DEPTH
3	3920
2 1/2	4010

DRILLER'S SIGNATURE
J. Honil

DRILLER'S SIGNATURE
J. Honil

DRILLER'S SIGNATURE
J. Honil

DRILLER'S SIGNATURE
J. Honil

DRILLER'S SIGNATURE
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J. Honil

DRILLER'S SIGNATURE
J. Honil

DRILLER'S SIGNATURE
J. Honil

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J. Honil

DRILLER'S SIGNATURE
J. Honil

DRILLER'S SIGNATURE
J. Honil

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER J. HONIL 8

DERRICK R. BERG 8

MOTOR N. MAGNUSON 8

FLOOR P. TREPTOW 8

FLOOR P. JOHNSON 8

FLOOR

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

DRILLER A. FWASIAK 12

DERRICK D. SEIBEN 8 1/2

MOTOR E. KRIEGER 8

FLOOR J. CLARKE 8

FLOOR F. KRIEGER 10

MECH W. DUDAR 12

TOUR 3 400 P.M. TO MIDNIGHT

DRILLER B. WOOD 8

DERRICK H. HAYDON 4

MOTOR S. WEBSDALE 8

FLOOR A. KLEIN 8

FLOOR S. MATTHEWS 8

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

CUSTOMER'S COPY

No 14875

WEATHER

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

TOUR 1 MIDNIGHT TO 8 A.M. HRS.

DRILLER	J. HONISH	2
---------	-----------	---

DERRICK	R. BERG	8
---------	---------	---

MOTOR	R. MAGNUSON	8
-------	-------------	---

FLOOR	P. TREPTOW	8
-------	------------	---

FLOOR	R. JOHNSON	8
-------	------------	---

FLOOR	

1000	28	AM	10	PM	HRS
1000	28	AM	10	PM	HRS

DRILLER	A. EWASUK	8
DERRICK		

BERRICK	L. LAFLEUR	8
MOTOR	F. " "	8

	L. A. RIEGER	8
FLOOR	T. J. H. 24	9

FLOOR	E KRIEGER	8
-------	-----------	---

MECH FLOOR + PUNAR 12

TOUR 3 4 00 P M TO MIDNIGHT	HRS
-----------------------------	-----

DRILLER <i>R. L. JORD</i>	<i>8</i>
---------------------------	----------

DERRICK	D. SIEGEN	8
---------	-----------	---

MOTOR	S. WERSDALE	8
-------	-------------	---

1/4	FLOOR	A. KLEIN	8
-----	-------	----------	---

3	FLOOR	S. MATTHEWS	8
---	-------	-------------	---

FLOOR	
-------	--

I ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BELOW

POSITION:	TOUR:	REG:	SIGNATURE:
-----------	-------	------	------------

1	2	3	4

[illegible]

TOOLPUSHER'S APPROVAL *[Signature]*

S. SAFETY TALKS - SUBJECT _____

GIVEN BY _____

NO 44874

N- 14874

APPROVED :	WATER	S	CUSTOMER'S
TOR :			

MOVED PUSHER: <i>John M. Lill</i>	COST	COPY
--------------------------------------	------	------

GUSTAVSON ARCTIC DRILLING COMPANY

DAYS FROM SPUD 25 MAILING ADDRESS

RIG NO. 11 WELL DOME UNION T.O.E STONY G6 DATE JAN 7 1973 NO 14872

DATE JAN 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.

Form containing various data fields including: FROM, TO, FOOTAGE, HRS. ON, WT. DRILL PIPE, STANDS, SINGLES, DRILL COLLARS, NO., O.D., I.D., LENGTH, WT. AIR, SURVEY, FT. ON SPOOL, REMARKS, TIME, START, STOP, INTVL, MUD, VIS., WT., W.L., PH, PV, YP, SOLIDS, OIL, PUMP #1 PRESS, MODEL, S.P.M., LINER, PUMP #2 PRESS, MODEL, S.P.M., LINER, DESILTER: HRS. OP., U.FLOW, O. FLOW, WATER ADDED, MUD ADDITIVES, CHANGES, DRILLING RECORD, BOP, HYDRIL, PIPE RAMS, BLANK RAMS, TOTCO RING, ON/OFF, BOILER OPERATED, HRS., FIRE EQUIP. CHECKED, FUEL ON HAND 12:01 A.M., GALS., MOTOR, HRS., NEXT OIL CHANGE, FUEL REC'D TO-DAY, GALS., TOTAL, FUEL ON HAND 11:59 P.M., GALS., FUEL USED, GALS.

Form containing various data fields including: REMARKS, TIME, START, STOP, INTVL, DRILL, TELESURVEY, CHECK R.O.P., DRILL, TOTCO SURVEY, WORK PIPE, DRILL, DRIG, RIG SERV. + TELEDRIET SURVEY, DRIG, WORK PIPE & TAKE TELEDRIET SURVEY, DRIG, DRIG, WORK PIPE & TAKE TELEDRIET SURVEY, DRIG, RIG SERV. CHECK R.O.P., DRIG, WORK PIPE ON TIGHT COLLAR & CHANGE KING CLAMP ON STANDPIPE, DRIG, 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, SONGS, FT. DRILLED SINCE SONGS, FT. DRILLED THIS DATE, TOTAL FT. DRILLED, APPROVED OPERATOR, APPROVED TOOLPUSHER, WATER COST, CUSTOMER'S COPY

Form containing various data fields including: TOUR 1 MIDNIGHT TO 8 A.M., HRS., DRILLER, J. HONISH, 8, DERRICK, R. BERG, 8, MOTOR, M. MAGNUSON, 8, FLOOR, P. TREPTOW, 8, FLOOR, P. JOHNSON, 8, TOUR 2 8 A.M. TO 4 P.M., HRS., DRILLER, A. EWASIAK, 8, DERRICK, L. LALEUR, 8, MOTOR, E. KRIEGER, 8, FLOOR, J. CLARKE, 8, FLOOR, E. KRIEGER, 8, FLOOR, W. PUDAR, 12, TOUR 3 4:00 P.M. TO MIDNIGHT, HRS., DRILLER, B. WOOD, 8, DERRICK, D. SIEREN, 8, MOTOR, S. WEBSDALE, 8, FLOOR, A. KLEW, 8, FLOOR, S. MATTHEWS, 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 TALKS - SUBJECT, GIVEN BY, NO 14872

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL

Dome Union 10 E. STony. 86

DATE Jan 6 1973

No 14871

DAYS FROM SPUD 28

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE Jan 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.

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3475	3525	50	62	106	31	1		18	14	9	2 1/2	5482				
NO.	SIZE	TYPE	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	12 1/4	M-44	13	74	225	1120-30	90-90	187	2338		242	1500	80		1A	
											2	1500	80			
MUD	VIS.	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	88	142	100					1500	8P80	80	6"	1500	8P80	80	6"
4 A.M.	32	88	153	95												
WATER ADDED: 144 B.B.L.S. DESILTER: HRS. OP. 8 U.FLOW 99 O.FLOW 88																
MUD ADDITIVES: 7 Bags KCL = 7 Bags 7 1/2 Bags Ben. min. SURVEYS																
Super Vis. = 14 Bags. Caustic = 2 Bags																
7 Bags Ben. 1 1/2 Bags Pump mud 80 Drums																
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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3525	3548	23	54	106M	31	1		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	M-44	13	74	225	1120-30	90-90	187	2338		242	1500	80		6	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
8 A.M.	33	88	152	10					1500	8P80	80	6"	1500	8P80	80	6"
12 NOON	33	89														
WATER ADDED: 140 B.B.L.S. DESILTER: HRS. OP. 8 U.FLOW 96 O.FLOW 98																
MUD ADDITIVES: 7 Bags KCL = 7 Bags 7 1/2 Bags Ben. min. SURVEYS																
4 Bags of HME + 14 Bags of Super Vis. = 5 Bags Super Vis. Ben.																
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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3548	3578	30	52	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P80	80	6"
6 P.M.	38	88	14	10					1500	8P80	80	6"	1500	8P80	80	6"
WATER ADDED: 1 1/2 BBL. STRENGTH DESILTER: HRS. OP. 4 U.FLOW 10 O.FLOW 98																
MUD ADDITIVES: 2 Bags METSO BEADS - 14 Bags KCL - 2 Bags STAFF																
7 Bags KCL - 14 Bags SUPER. VIS. - 2 Bags 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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3578	3588	10	3	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P80	80	6"
6 P.M.	38	88	14	10					1500	8P80	80	6"	1500	8P80	80	6"
WATER ADDED: 1 1/2 BBL. STRENGTH DESILTER: HRS. OP. 4 U.FLOW 10 O.FLOW 98																
MUD ADDITIVES: 2 Bags METSO BEADS - 14 Bags KCL - 2 Bags STAFF																
7 Bags KCL - 14 Bags SUPER. VIS. - 2 Bags 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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3588	3598	10	3	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P80	80	6"
6 P.M.	38	88	14	10					1500	8P80	80	6"	1500	8P80	80	6"
WATER ADDED: 1 1/2 BBL. STRENGTH DESILTER: HRS. OP. 4 U.FLOW 10 O.FLOW 98																
MUD ADDITIVES: 2 Bags METSO BEADS - 14 Bags KCL - 2 Bags STAFF																
7 Bags KCL - 14 Bags SUPER. VIS. - 2 Bags 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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3598	3608	10	3	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P80	80	6"
6 P.M.	38	88	14	10					1500	8P80	80	6"	1500	8P80	80	6"
WATER ADDED: 1 1/2 BBL. STRENGTH DESILTER: HRS. OP. 4 U.FLOW 10 O.FLOW 98																
MUD ADDITIVES: 2 Bags METSO BEADS - 14 Bags KCL - 2 Bags STAFF																
7 Bags KCL - 14 Bags SUPER. VIS. - 2 Bags 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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3608	3618	10	3	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P80	80	6"
6 P.M.	38	88	14	10					1500	8P80	80	6"	1500	8P80	80	6"
WATER ADDED: 1 1/2 BBL. STRENGTH DESILTER: HRS. OP. 4 U.FLOW 10 O.FLOW 98																
MUD ADDITIVES: 2 Bags METSO BEADS - 14 Bags KCL - 2 Bags STAFF																
7 Bags KCL - 14 Bags SUPER. VIS. - 2 Bags 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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3618	3628	10	3	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P80	80	6"
6 P.M.	38	88	14	10					1500	8P80	80	6"	1500	8P80	80	6"
WATER ADDED: 1 1/2 BBL. STRENGTH DESILTER: HRS. OP. 4 U.FLOW 10 O.FLOW 98																
MUD ADDITIVES: 2 Bags METSO BEADS - 14 Bags KCL - 2 Bags STAFF																
7 Bags KCL - 14 Bags SUPER. VIS. - 2 Bags 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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3628	3638	10	3	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P80	80	6"
6 P.M.	38	88	14	10					1500	8P80	80	6"	1500	8P80	80	6"
WATER ADDED: 1 1/2 BBL. STRENGTH DESILTER: HRS. OP. 4 U.FLOW 10 O.FLOW 98																
MUD ADDITIVES: 2 Bags METSO BEADS - 14 Bags KCL - 2 Bags STAFF																
7 Bags KCL - 14 Bags SUPER. VIS. - 2 Bags 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					
18	10	WRI	8	60	18302				18542	2600	14	3578				
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5485	52.33	11	
3638	3648	10	3	106M	31	2		35	963	224	5482					
NO.	SIZE	TYPE	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	12 1/4	588	3-14	3000	20	45		33	142	1500	80			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
4 P.M.	33	88	152	90					1500	8P80	80	6"	1500	8P		

WEATHER

1 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	J. HONISH			1
DERRICK	R. BERG			8
MOTOR	N. MAGNUSON			1
FLOOR	P. TREPTOW			8
FLOOR	R. JOHNSON			8
FLOOR	OVERTIME TAKE INVENTORY			
TOUR 2 8 A M TO 4 P M				HR
DRILLER	A. EWASINK			8
DERRICK	L. LAFLEUR			8
MOTOR	E. KRIEGER			8
FLOOR	J. CLARKE			8
FLOOR	F. KRIEGER			8
MECH FLOOR	W. PUDAR			1
TOUR 3 4 00 P M TO MIDNIGHT				HR
DRILLER	B. WOOD			8
DERRICK	D. SIEBEN			7
MOTOR	S. WEBSDALE			7
FLOOR	A. KLEW			7
FLOOR	S. MATTHEWS			7
FLOOR				
INJURIES. COMPLETE BELOW				
1 ACKNOWLEDGE HAVING WORKED THE HOURS SHOWN BEL DURING THIS TIME I RECEIVED INJURIES AS REPORTED TO SUPERVISOR.				
POSITION	TOUR	HRS.	SIGNATURE	
TOOLPUSHER'S APPROVAL		[Signature]		
SAFETY TALKS - SUBJECT				
GIVEN BY				

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION 10E. STONY G 6

DATE JAN 4 1973

No 14869

DAYS FROM SPUD 21 MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE JAN 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.

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	C.S. HRS.	FT. ON		
3176	3255	79	6 4/10	28	1			18	6 3/4	2 3/4	54927	52.33	20			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G		
4	12 1/4	DST	1/2	407967	20-70	80	128	3127	112	1	1500	80	1	N		
										2	1500	80				
MUD	VIS.	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	8.8	-	10.5					1500	8P80	80	6"	1500	8P90	80	6"
4 A.M.	28	8.8	-	10.5												
WATER ADDED: 180 B.B.S. DESILTER: HRS. OP. 8 U.FLOW 9.8 O. FLOW 8.8																
MUD ADDITIVES: KCL = 7 Bags Super-Lis = 2 Bags 4 1/2 Gal. per min																
M.F.I. = 1 Bag Canolic = 1 Bag																
Cleaned NDL 1 Shaker 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					
12 1/4	WPI	8			18242					18542	3600					
3255	3312	57	10 1/4	103M	29			315	9 1/4	2 3/4	54927	52.33	20			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G		
4	12 1/4	DST	1/2	407967	15-20	80	185	18342	1500	80	2	1500	80	JN		
MUD	VIS.	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.	29	8.8	-	10.5					1500	8P80	80	6"	1500	8P80	80	6"
12 NOON	29	8.6	-	10.5												
WATER ADDED: 200 B.B.S. DESILTER: HRS. OP. 8 U.FLOW 9.8 O. FLOW 8.6																
MUD ADDITIVES: KCL = 2 Bags Super-Lis = 2 Bags 4 1/2 Gal. per min																
M.F.I. = 1 Bag Canolic = 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					
12 1/4	WPI	8			18242					18542	3600					
3312	3338	26	4	103M	29			315	9 1/4	2 3/4	54927	52.33	20			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G		
4	12 1/4	DST	1/2	407967	15-20	80	211	3127	3338	22 1/2	1500	80	7	7	I	
5	12 1/4	M.H.	1/2	37375119				3338								
MUD	VIS.	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.	29	8.8	-	10.5					1500	8P80	80	6"	1500	8P80	80	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					
12 1/4	WPI	8			18242					18542	3600					
BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.	NEXT OIL CHANGE						
MYDRIL	✓				ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY	GALS.	1.								
PIPE RAMS.	✓				KELLY COCK CHECKED	TOTAL	GALS.	2.								
BLANK RAMS.	✓					FUEL ON HAND 11:59 P.M.	GALS.	3.								
TOTCO RING	ON/OFF	BOILER OPERATED 24 HRS.	FIRE EQUIP. CHECKED	FUEL USED	GALS.	4.										
						5.										
						6.										

REMARKS	START	STOP	INTVL			
DRILL	1200	1230	1/2			
SURVEY RIG SER.	1230	100	1/2			
DRILL	1.10	3.15	2 1/4			
SURVEY	3.15	3.45	1/2			
DRILL	3.45	6.15	2 1/2			
SURVEY	6.15	6.30	1/4			
DRILL	6.30	8.00	1 1/2			
Turned Rods in no 1 & 2 pumps.						
DRILLER'S SIGNATURE: J. Honish						
RIG SERV V B.O.P.s	8.00	8.15	1/4			
DRIG	8.15	10.30	2 1/4			
SURVEY	10.30	10.45	1/4			
DRIG	10.45	3.00	4 1/4			
SURVEY	3.00	3.15	1/4			
DRIG	3.15	4.00	3/4			
CHANGE NOZZLES #2 FLOOR			8			
MOTOR						
Extra Time Merg Went to Unload Airplane						
DRILLER'S SIGNATURE: J. Honish						
DRIG	4.00	8.00	4			
TRIP OUT BIT #4. INSTALL	8.00					
TELEDRIFT TOOL & CHANGE BLADES						
ON BLADE STABILIZER						
CHECK B.O.P.						
2 Men Released men that went to Airplane						
DRILLER'S SIGNATURE: J. Honish						
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 JTS	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED
SIZE	JT	NO. 2 NO. 3				
APPROVED OPERATOR: J. Honish						
APPROVED TOOLPUSHER: J. Honish						
WATER COST						
CUSTOMER'S COPY						

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER J. HONISH 8

DERRICK R. BERE 8

MOTOR N. MAGNUSON 8

FLOOR P. TREPTOW 8

FLOOR R. JOHNSON 8

FLOOR

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

DRILLER A. EWASIAK 9

DERRICK L. LAFFLEUR 12

MOTOR E. KRIEGER 12

FLOOR J. CLARKE 9

FLOOR F. KRIEGER 12

FLOOR W. PUDAR 14

TOUR 3 4:00 P.M. TO MIDNIGHT

DRILLER B. WOOD 8

DERRICK D. SIEBEN 8

MOTOR S. WEBSDALE 9

FLOOR A. KLEIN 8

FLOOR S. MATTHEWS 9

FLOOR

INJURIES COMPLETE BELOW

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

TOOLPUSHER'S APPROVAL: J. Honish

SAFETY TALKS - SUBJECT

GIVEN BY

No 14869

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME Union T.O.E. Story G-6

DATE Jan 3 1973

No 14868

DAYS FROM SPUD 20

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE Jan 3/73

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.

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS	FT. IN		
2992	3072	80	7 1/2	99m	24	244	50	3	15	9	2 1/4	5492	52.33	23		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M44	1 1/2	14366786	20-25	50	400	303	1	1500	80	1N				
4	12 1/4	DST	1 1/2	14407967												
MUD	VIS.	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	8.7	10						1500	8P80	80	6"	1500	8P80	80	6"
4 AM.	28	8.7	10.5													
WATER ADDED: 160 Bbls DESILTER: HRS. OP. 8 U.FLOW 9.9 O. FLOW 8.8																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 kgal/min																
Gel - 2 Bags MFI - 1 Bag Caustic - 2 Bags																
Cleaned #2 suction + #2 + 3 shaker turned rods #1 + 2 pumps																
DRILLING	LINE	RECORD	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		
15	WRI	8						457	18186					18346	3700	
3072	3027	55	4 1/2	100m	27	1	DRILL COLLARS	18	6 1/4	2 1/2	549-27	52.33	16			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M44	1 1/2	14366786	20-25	80	455	2672	3027	357	1	1500	80	4	4	1
4	12 1/4	DST	1 1/2	14407967							2	1510	80			
MUD	VIS.	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 AM.	28	8.6	-	10					1500	8P80	80	6	1500	8P80	80	6"
12 NOON	28	8.8	-	10.5												
WATER ADDED: 110 Bbls DESILTER: HRS. OP. 5 1/2 U.FLOW 9.3 O. FLOW 8.6																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 5 gal per min																
Gel - 2 Bags MFI - 1 Bag Caustic - 1 Bag																
Cleaned NO. 1 Shaker Tank																
DRILLING	LINE	RECORD	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		
15	WRI	8						513	18272					18390	3700	
3027	3176	49	4 1/2	100m	27	1	DRILL COLLARS	21	5 1/2	2 1/4	5492	52.33	33			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
4	12 1/4	DST	1 1/2	14407967	25	50	49	3027		430	142	1500	80	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.	Tripping								1500	8-P80	80	6"	1500	8-P80	80	6"
8 P.M.	28	8.7	-	10.5												
WATER ADDED: 100 Bbls DESILTER: HRS. OP. U.FLOW 10.5 O. FLOW 8.7																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal per min																
MFI - 1 Bag Caustic - 1 Bag																
DRILLING	LINE	RECORD	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		
15	WRI	8						18272						18542	3600	
B.O.P. TESTED PRESSURE TIME LAST REPAIR DATE CROWNATIC CHECKED																
HYDRIL																
PIPE RAMS.																
BLANK RAMS.																
TOTCO RING ON/OFF																
BOILER OPERATED 24 HRS.																
FIRE EQUIP. CHECKED																
FUEL ON HAND 12:01 A.M. GALS. MOTOR HRS.																
FUEL REC'D TO-DAY GALS. 1.																
TOTAL GALS. 2.																
FUEL ON HAND 11:59 P.M. GALS. 4.																
FUEL USED GALS. 5.																
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 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
DRILLING 12 1/4 HOLE	12:00	12:15	1/4
Rig SERV CHECK B.O.P.S	12:15	12:30	1/4
DRILLING	12:30	3:15	2 1/4
SURVEY	3:15	3:30	1/4
DRILLING	3:30	8:00	4 1/2
DRILLER'S SIGNATURE: A. Lunde			
DRILL	8:00	9:15	1 1/4
SURVEY CHECK B.O.P.S	9:15	9:45	1/2
DRILL	9:45	12:15	2 1/2
SURVEY	12:15	12:45	1/2
DRILL	12:45	1:30	3/4
PULL OUT	1:30	4:00	2 1/2
CHECKED BLIND RAMS			
DRILLER'S SIGNATURE: J. Hornish			
RIG SERV V BOPS	4:00	4:15	1/4
TRIP IN COLLARS	4:15	5:00	3/4
SLIP + CUT LINE	5:00	5:30	1/2
RUN IN PIPE	5:30	6:30	1
WORK TIGHT SPOTS @ 3000	6:30	7:15	3/4
DRLG	7:15	9:30	2 1/4
SURVEY	9:30	9:45	1/4
DRLG	9:45	12:00	2 1/4
DRILLER'S SIGNATURE: A. Lunde			
TOOLPUSHER'S APPROVAL			
SAFETY TALKS - SUBJECT			
GIVEN BY			

TOUR 1 MIDNIGHT TO 8 A.M.				HRS.
DRILLER	A. Lunde			8
DERRICK	H. Haydon			8
MOTOR	R. Langlos			8
FLOOR	T. Pakiwoqa			8
FLOOR	A. Callisson			8
FLOOR				
TOUR 2 8 A.M. TO 4 P.M.				HRS.
DRILLER	J. Hornish			8
DERRICK	R. Berg			8
MOTOR	N. Magnuson			8
FLOOR	P. Treptow			8
FLOOR	R. Johnson			8
FLOOR				
TOUR 3 4:00 P.M. TO MIDNIGHT				HRS.
DRILLER	A. Ewasink			8
DERRICK	M. R. Berg			8
MOTOR	E. KRIEGER			8
FLOOR	J. CLARKE			8
FLOOR	E. KRIEGER			8
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 14868

**CUSTOMER'S
COPY**

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DAME UNION T.O.E. STONY C-6

DATE JAN 2 1973

DAYS FROM SPUD 19

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

No 14867

DATE JAN 2 / 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.

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	508	FT. UP		
2682	2785	103	72	93	23	207	105	15	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-35	50	113			1	1600	80	1	N		
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
12 MN.	28	8.7	10						1600	8P80	80	6"	1500	8P80	80	6"
4 A.M.	28	8.7	105													
WATER ADDED: 190 Bbls. DESILTER: HRS. OP. 8 U.FLOW 9.7 O. FLOW 8.8																
MUD ADDITIVES: KCL-14 Bags Super Vis-4 Bags 4 1/2 gal/min SURVEYS																
Caustic-2 Bags MF1-1 Bags																
Cleaned #1 Shaker + #2 Suction Tanks Turned reds #1 + 2																
DRILLING	SIZE	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 1/2	WRI	8			457	18186	33	419		18340	14					
2785	2890	105	27	96M	24	1	DRILL COLLARS	18 1/2	9 2 1/2	549.27	52.33	26				
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	20-25	80	218			16	1	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
8 A.M.	28	8.7 1/2	105						1500	8P80	80	6	1500	8P80	80	6
12 NOON	28	8.7	10													
WATER ADDED: 126 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10. O. FLOW 8.7																
MUD ADDITIVES: KCL-10 Bag Super Vis-3 Bags 4 Gal per min SURVEYS																
Caustic-2 Bags MF1-1 Bag																
Cleaned #2 + #3 Shaker Tanks																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8 P.M.	28	8.7 1/2														
WATER ADDED: 110 B BLS. DESILTER: HRS. OP. 8 U.FLOW 10.1 O. FLOW 8.7																
MUD ADDITIVES: KCL-7 Bags Super Vis-2 Bags 4 Gal per min SURVEYS																
Caustic-1 Bag MF1-1 Bag																
DRILLING	SIZE	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 1/2	WRI	8			18186		18340									
2890	2992	102	27	97M	25	5	DRILL COLLARS	3 1/2	9 1/4	2 1/2	549.27	52.33	13			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	12 1/4	M 44	2 1/2	366786	25-30	60	320			23 1/2	12	1500	80	1	N	
MUD	VIS.	WT.	W.L.	PH	PV	YP	SOLIDS	GIL	PUMP #1 PRESS	MODEL	S.P.M.	LINER	PUMP #2 PRESS	MODEL	S.P.M.	LINER
4 P.M.	28	8.7 1/2	11						1500	8P80	80	6"	1500	8P80	80	6"
8																

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL NAME Union T.O.F. STARY G-6

DATE Jan 1 1978

DAYS FROM SPUD 19

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

N^o 14866

DATE Jan 1/78

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	5085	FT. UP ON KELY		
2370	2500	130	7 1/2	91m	20	1800.00	15	9"	6 3/4"	2 3/4"	54927	52.33	32			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	12 1/2	S-44	1-131-M39261	40m	60					29	1	1600	80	1	N	
										2						
MUD	VIS.	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	8.7		10.5					1600	8P80	90	6"	1600	8P80	80	6"
4 A.M.	28	8.7		10.5												
WATER ADDED: 190 Bbls DESILTER: HRS. OP. 8 U.FLOW 10.3 O. FLOW 8.7																
MUD ADDITIVES: KCL - 14 Bags Super Vis - 4 Bags 4gal/min																
MFI - 2 Bags Caustic 0 Bag																
Cleaned #1 + 2 Shaker Tanks Turned Rod IN #1 + #2 Pump 3/4 2370																
DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON. MILES	TOTAL MILES	FEET SLIP OR CUT	AT MILES	DATE SLIP OR CUT	NEXT SLIP	ON SPOOL					
1 1/2	WEL	8			410	19149				19340						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS <td>NO.</td> <td>O.D.</td> <td>I.D.</td> <td>LENGTH</td> <td>WT. AIR</td> <td>5085</td> <td>FT. UP ON KELY</td>	NO.	O.D.	I.D.	LENGTH	WT. AIR	5085	FT. UP ON KELY		
2500	2645	145	7 1/4	92m	21	2	18	6 1/2"	2 3/4"	2 3/4"	54927	52.33	28			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	12 1/2	S-44	1-131-M39261	40	60	787				369	1	1600	80			
										2		1600	80			
MUD	VIS.	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.	28	8.7		10.5					1600	8P80	80	6"	1600	8P80	80	6"
12 NOON	28	8.8		10												
WATER ADDED: 160 Bbls DESILTER: HRS. OP. 8 U.FLOW 9.9 O. FLOW 8.7																
MUD ADDITIVES: KCL - 10 Bags Super Vis - 3 Bags 4 1/2 gal Per min																
MFI - 1 Bag Caustic - 2 Bag																
Cleaned #3 Shaker Tank. Cleaned #2 Section 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	ON SPOOL					
1 1/2	WEL	8			519	18148				18340						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS <td>NO.</td> <td>O.D.</td> <td>I.D.</td> <td>LENGTH</td> <td>WT. AIR</td> <td>5085</td> <td>FT. UP ON KELY</td>	NO.	O.D.	I.D.	LENGTH	WT. AIR	5085	FT. UP ON KELY		
2645	2682	27	2	92m	7945.85		3	15	9"	6 3/4"	2 3/4"	54927	52.33			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
2	12 1/2	S-44	1-131-M39261	50	60	814				2672	386	1600	80	7	10	1
3	12 1/2	M-44	1-131-M39261	25	50	10	2672	2682	15	1	1600	80	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
4 P.M.	28	8.8		11					1600	8P-80	80	6"	1600	8P-80	80	6"
8 P.M.																
WATER ADDED: 45. B BLS DESILTER: HRS. OP. 3 1/2 U.FLOW 9.8 O. FLOW 8.8																
MUD ADDITIVES: KCL - 3 Bags Super Vis - 3 Bags 4 gal Per min																
MFI - 3 Bags Caustic - 3 Bag																
Cleaned NO 2 Shaker 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	ON SPOOL					
1 1/2	WEL	8														

REMARKS	START	STOP	INTVL
DRILL 12 1/2 HOLE	12:00	12:20	1/2
SURVEY	12:20	12:45	1/4
DRILLING	12:45	8:00	1/2
RIG SERV			
CHECK B.O.P. SER. RIG	8:10	8:15	1/4
DRILL	8:15	9:30	1/4
SURVEY	9:30	10:00	1/2
DRILL	10:00	4:00	6
HELD B.O.P. MEETING			
RIG SERV V B.O.P.	4:00	4:15	1/4
DRILL	4:15	6:15	2
TRIP OUT.	6:15	8:00	1 1/4
TRIP IN + SLIP LINE @ 33 FT.	8:00	10:30	2 1/2
DRILL	10:30	12:00	1 1/2

TOUR	1. MIDNIGHT TO 8 A.M.	HRS.
DRILLER	A. Lundie	8
DERRICK	H. Haydon	8
MOTOR	R. Langlois	8
FLOOR	T. PALIMORA	8
FLOOR	A. CALLISSON	8
FLOOR		
TOUR	2. 8 A.M. TO 4 P.M.	HRS.
DRILLER	J. HONISH	8
DERRICK	R. BERGE	12
MOTOR	N. MAGNUSON	8
FLOOR	P. TREPTOW	8
FLOOR	P. JOHNSON	8
FLOOR		
TOUR	3. 4 P.M. TO MIDNIGHT	HRS.
DRILLER	A. EWASIVK	8
DERRICK	H. HAYDON	4
MOTOR	E. KRIEGER	8
FLOOR	J. CLARKE	8
FLOOR	F. KRIEGER	8
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

B.O.P.	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	SAX	
HYDRIL	✓				ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY	GALS.	1.			PLUS	%	PLUG DOWN	A.M. P.M.	RETURNS	YES/NO	BBLs.
PIPE RAMS.	✓				KELLY COCK CHECKED	TOTAL	GALS.	2.			DRILL PIPE	CLASSIFICATION	TOTAL	DATE	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED
BLANK RAMS.	✓					FUEL ON HAND 11:59 P.M.	GALS.	3.			NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7
TOTCO RING	ON/OFF					FUEL USED	GALS.	4.			APPROVED OPERATOR						
BOILER OPERATED	24 HRS.							5.			APPROVED TOOLPUSHER						
FIRE EQUIP. CHECKED								6.									

TOOLPUSHER'S APPROVAL	SAFETY TALKS - SUBJECT	GIVEN BY	CUSTOMER'S COPY

N^o 14866

WEATHER

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SURV.	IN		
1868	2042	144	63	862	15	1393.85		15	9 3/4	2 1/2	549.27		548	12		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G		
2	12 1/4	S-44	2-13	1-439826	30	60	144			6 1/2	1	1600	80	1N		
											2					
MUD	VIS.	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	8.7		105					1600	8P80	80	6"	1600	8P80 80 6"		
4 A.M.	28	8.7		105												
WATER ADDED: 140 Bbls														DESILTER: HRS. OP. 6 1/2	U.FLOW 9.6	O. FLOW 8.7
MUD ADDITIVES: KCL = 7 Bags Super Vis = 2 Bags														SURVEYS		
Caustic - 1 MF = 1 Bag														DEG.	DEPTH	
Cleaned No 2 Shaker Tank														4	1975	
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 1/2	WRI	8		414	19148				18340						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SURV.	FT. UP ON KELL		
2012	2216	204	72	88M	17			18	6 3/4	2 1/2	549.27		548	7		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G		
2	12 1/4	S-44	2-13	1-439826	40	60	348			14	1	1500	80	1N		
											2	1500	80			
MUD	VIS.	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.	28	8.8		95					1500	8P80	80	6"	1500	8P80 80 6"		
12 NOON	28	8.8		120												
WATER ADDED: 220 Bbl.														DESILTER: HRS. OP. 8	U.FLOW 9.2	O. FLOW 8.7
MUD ADDITIVES: KCL = 17 Bags Super Vis = 5 Bags														SURVEYS		
Caustic = 5 Bags MF = 2 Bags														DEG.	DEPTH	
Cleaned No 2 & 3 Shaker Tanks														1 1/2	2085	
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 1/2	WRI	8		418	18148				18340						
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SURV.	FT. UP ON KELL		
2216	2370	154	73	89M	18	1735.21		3	5	9 1/2	2 1/2	549.27		548		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T B G		
2	12 1/4	S-44	2-13	1-439826	40	50-70	502			21 1/2	1	1600	80	1N		
											2	1600	80			
MUD	VIS.	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	8.7		110					1600	8P80	80	6"	1600	8P80 80 6"		
8 P.M.	28	8.6		105												
WATER ADDED: 200 Bbl.														DESILTER: HRS. OP. 8	U.FLOW 10.3	O. FLOW 8.7
MUD ADDITIVES: KCL = 14 Bags Super Vis = 5 Bags														SURVEYS		
Caustic 1 Bag MF = 1 Bag														DEG.	DEPTH	
Cleaned No 2 Section Tank														3 1/4	222	
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 1/2	WRI	8		418	18148				18340	5200					
BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M.		GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CAS				
HYDRIL	✓				ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY		GALS.	1.			PLUS				
PIPE RAMS.	✓				KELLY COCK CHECKED	TOTAL		GALS.	2.			DRILL SIZE				
BLANK RAMS.						FUEL ON HAND 11:59 P.M.		GALS.								

REMARKS						TIME		
						START	STCP	INTV.
STRAP IN DRILL PIPE.						12 ^{<u>08</u>}	1 ^{<u>15</u>}	1 ^{<u>4</u>}
RIG SERV						1 ^{<u>15</u>}	1 ^{<u>30</u>}	1 ^{<u>7</u>}
DRILL 12 ^{<u>1</u>} / ₄ " HOLE.						1 ^{<u>36</u>}	6 ^{<u>09</u>}	H ^{<u>1</u>} / ₂
SURVEY						6 ^{<u>00</u>}	6 ^{<u>15</u>}	L ^{<u>1</u>} / ₂
DRILL						6 ^{<u>15</u>}		
A. Pundlich _____ DRILLER'S SIGNATURE								
DRILL						8.10	8.45	3 ^{<u>1</u>} / ₄
CHECK B.O.P. SER. RIG						8.45	9.00	'1
DRILL						9.00	11.30	2
SURVEY						11.30	11.45	1 ^{<u>1</u>} / ₄
DRILL						11.45	4.00	'9
J. Honish _____ DRILLER'S SIGNATURE								
RIG SERV + ✓ BOP.						4.00	4.15	-
SURVEY @ 2223						4.15	4.30	-
DRILG						4.30	12.00	-
<i>[Signature]</i> _____ DRILLER'S SIGNATURE								
LOGGING REPORT : RAN & CEM. JTS. CSG. AT FT. WITH % .PLUG DOWN A.M. RETURNS YES/NO B								
PIPE		CLASSIFICATION		TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.
JT	NO. 2	NO. 3	JTS.	SOMOSC	SINCE SOMOSC	THIS DATE		DRILLED
ROVED :						\$		CUSTOMER
RATOR :					WATER COST			COPY
ROVED PLPUSHER :								

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. HF

DRILLER *A. LUNDIE.*

DERRICK	H HAU DON	
---------	-----------	--

MOTOR	R. Langlos	
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FLOOR T. PALIWEDA

FLOOR A. CALLISSON

FLOOR

TOUR 2 8 AM TO 4 PM H

DRILLER J. HONISH

DERRICK *R. BERG*

MOTOR *N. MAGNUSON*

FLOOR *P. TREPTOW*

FLOOR R. JOHNSON

FLOOR

TOUR 3 4 00 P.M. TO MIDNIGHT

DRILLER *A. F. MASUK*

DERPICK H. HAYDON

MOTOR *E. KRIEGER*

FLOOR J CLARKE

FLOOR	E. KRIEGER
-------	------------

FLOOR	
-------	--

INJURIES COMPLETE BELOW

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

POSITION	TOUR	HRS.	SIGNATURE
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[illegible]

X TOOLPUSHER S APPROVAL *[Signature]*

S. SAFETY TALKS - SUBJECT _____

GIVEN BY _____

NO 14865

IN 1959

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME Union I.O.E. STONY B-6 DATE DEC 30 1972

DAYS FROM SPUD 16

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

No 14864

DATE DEC 30/72 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.

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1482	1650	168	74	82m	11	1026.14	3	15	2 1/2	2 1/2	542.27	5235	22		Rig SERV.	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	25m	80	486			205	1	1500	75			
											2					
MUD	VIS.	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	84	95						1500	8P80	75	6"	1500	8P80	75	6"
4 A.M.	28	85	100													
WATER ADDED: 1 1/2" Water - 3 min / BDL. DESILTER: HRS. OP. 8 U.FLOW 9.2 O. FLOW 8.4																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 5 gal/min SURVEYS																
MFI - 1 Bags Caustic - 3 sacks DEG. DEPTH																
SURGE Dampener Rubber #1 pump. 1/4 1482																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1650	1806	156	74	84	12	2	3	18	2 1/2	2 1/2	542.27	5235	22		DRILL	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	25-45	80-80	642			274	1	1600	80			IN
											2	1600	80			
MUD	VIS.	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.	28	83	95						1600	8P80	80	6	1600	8P80	80	6
12 NOON	28	84	95													
WATER ADDED: 160 B.B.L. DESILTER: HRS. OP. 8 U.FLOW 9.1 O. FLOW 8.3																
MUD ADDITIVES: KCL - 17 Bags Super Vis - 5 Bags Caustic - 1 Bag SURVEYS																
MFI - 1 Bags DEG. DEPTH																
Cleared NO 2 Section Tank. 4 gal Per min 3/4 1655																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1806	1868	62	38	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		CON + RIG SERV. V BOP.	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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	85	95						1600	8P80	80	6"	1600	8P80	80	6"
8 P.M.																
WATER ADDED: 80 B.B.L. DESILTER: HRS. OP. 4 U.FLOW 9.6 O. FLOW 8.5																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal Per min SURVEYS																
MFI - 1 Bags Caustic - 2 Bag DEG. DEPTH																
Cleared NO 2 Section Tank. 4 1/2 gal Per min 3/4 1855																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1868	1906	38	38	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		TRIP OUT LAY DOWN 21 SINGLES.	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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	85	95						1600	8P80	80	6"	1600	8P80	80	6"
8 P.M.																
WATER ADDED: 80 B.B.L. DESILTER: HRS. OP. 4 U.FLOW 9.6 O. FLOW 8.5																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal Per min SURVEYS																
MFI - 1 Bags Caustic - 2 Bag DEG. DEPTH																
Cleared NO 2 Section Tank. 4 1/2 gal Per min 3/4 1855																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1906	1906	0	0	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		TRIP IN + SERVICE TOOLS	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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	85	95						1600	8P80	80	6"	1600	8P80	80	6"
8 P.M.																
WATER ADDED: 80 B.B.L. DESILTER: HRS. OP. 4 U.FLOW 9.6 O. FLOW 8.5																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal Per min SURVEYS																
MFI - 1 Bags Caustic - 2 Bag DEG. DEPTH																
Cleared NO 2 Section Tank. 4 1/2 gal Per min 3/4 1855																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1906	1906	0	0	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		TRIP IN + SERVICE TOOLS	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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	85	95						1600	8P80	80	6"	1600	8P80	80	6"
8 P.M.																
WATER ADDED: 80 B.B.L. DESILTER: HRS. OP. 4 U.FLOW 9.6 O. FLOW 8.5																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal Per min SURVEYS																
MFI - 1 Bags Caustic - 2 Bag DEG. DEPTH																
Cleared NO 2 Section Tank. 4 1/2 gal Per min 3/4 1855																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1906	1906	0	0	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		TRIP IN + SERVICE TOOLS	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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	85	95						1600	8P80	80	6"	1600	8P80	80	6"
8 P.M.																
WATER ADDED: 80 B.B.L. DESILTER: HRS. OP. 4 U.FLOW 9.6 O. FLOW 8.5																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal Per min SURVEYS																
MFI - 1 Bags Caustic - 2 Bag DEG. DEPTH																
Cleared NO 2 Section Tank. 4 1/2 gal Per min 3/4 1855																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1906	1906	0	0	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		TRIP IN + SERVICE TOOLS	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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	85	95						1600	8P80	80	6"	1600	8P80	80	6"
8 P.M.																
WATER ADDED: 80 B.B.L. DESILTER: HRS. OP. 4 U.FLOW 9.6 O. FLOW 8.5																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal Per min SURVEYS																
MFI - 1 Bags Caustic - 2 Bag DEG. DEPTH																
Cleared NO 2 Section Tank. 4 1/2 gal Per min 3/4 1855																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1906	1906	0	0	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		TRIP IN + SERVICE TOOLS	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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	85	95						1600	8P80	80	6"	1600	8P80	80	6"
8 P.M.																
WATER ADDED: 80 B.B.L. DESILTER: HRS. OP. 4 U.FLOW 9.6 O. FLOW 8.5																
MUD ADDITIVES: KCL - 7 Bags Super Vis - 2 Bags 4 1/2 gal Per min SURVEYS																
MFI - 1 Bags Caustic - 2 Bag DEG. DEPTH																
Cleared NO 2 Section Tank. 4 1/2 gal Per min 3/4 1855																
DRILLING	SIZE	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 1/2"	WAL	8			398	18127				18340						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3/4"	1/2"	REMARKS	
1906	1906	0	0	84M	13	1	3	3	2 1/2	2 1/2	542.27	5235	22		TRIP IN + SERVICE TOOLS	
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
1	12 1/4	544	3-13	378513	48M	50-80	704			1868	1	1600	80	6	6	1
											2	1600	80			
MUD	VIS.	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.</																

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. HF

DRILLER A. LUNDIE 8

DERRICK *H. Henderson*

MOTOR *R. L. ...* G

FLOOR *T. Palmer*

FLOOR B Callahan G

FLOOR

TOUR 2 8 A M TO 4 P M HI

DRILLER J HANISH

DERRICK R. PEEG

MOTOR *1 m 264115001*

FLOOR *P* *TREATMENT*

FLOOR	10	
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FILE NO.	7. 07703870
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PERSON: _____

TOUR 3 4.00 P.M. TO MIDNIGHT H

DRILLER A. F. W. S. W. K.

DERRICK H H

✓	MOTOR	E K 2.500	9
---	-------	-----------	---

2	FLOOR	2
---	-------	---

	J. C. FRAKE	
FLOOD	✓ K - 17	

1	FLOOR	J. KRIEGER	8
2	FLOOR		

INJURIES: COMPLETE BELOW

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

POSITION	TOUR	HRS.	SIGNATURE
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[illegible]

X TOOLPUSHER'S APPROVAL *[Signature]*

S. SAFETY TALKS - SUBJECT _____

[illegible]

GIVEN BY _____

№ 14863

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	52.75	52.33	52.33			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
1	12 1/4	S44	3-13	378513														
MUD	VIS.	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.									1600	8P80	30	6"		8P80		6"		
4 A.M.																		
WATER ADDED:										DESILTER: HRS. OP.			U.FLOW			O. FLOW		
MUD ADDITIVES: CCL-3 Bags MFI-2 BAGS SUPER VIS-1 BAG										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 1/4	W44	8																
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	52.75	52.33	52.33			
164	1320	156	84	80	7	1		186	49	28	54927							
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
1	12 1/4	S44	3-13	378513	20	80	156			84	1	1400	80		1	N		
											2	1400	80					
MUD	VIS.	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.									1400	8P80	80	6"	1400	8P80	80	6"		
12 NOON	30	8.2		105														
WATER ADDED: 1" Stream on 100 Barrels										DESILTER: HRS. OP. 7 hrs			U.FLOW 9			O. FLOW 8.2		
MUD ADDITIVES: 2 L = 7 Bag MFI = 1 Bag 7 gal Per min										SURVEYS								
KCL = 27 Bags Super Vis = 9 Bag										DEG.			DEPTH					
										1/2			1285					
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 1/4	W44	8																
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	52.75	52.33	52.33			
1320	1482	162	43	814	9	83852		315	9	130	28	54927						
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
1	12 1/4	S44	3-13	378513	20	60-80	318			130	2	1400	80		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.	29	8.3		95					1400	8P80	80	6"	1400	8P80	8	6"		
8 P.M.	29	8.3		95														
WATER ADDED: 1" Stream										DESILTER: HRS. OP. 8 Hrs			U.FLOW 9.2			O. FLOW 8.3		
MUD ADDITIVES: KCL-6 Bags Super Vis-2 Bags 5 gal Per Min										SURVEYS								
MFI-1 Bag										DEG.			DEPTH					
										3/4			1389					
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 1/4	W44	8																
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	52.75	52.33	52.33			
1320	1482	162	43	814	9	83852		315	9	130	28	54927						
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
1	12 1/4	S44	3-13	378513	20	60-80	318			130	2	1400	80		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.	29	8.3		95					1400	8P								

[illegible]

WEATHER

REMARKS		TIME					
		START	STOP	INTVL			
PUT UP MANIFOLD HOUSE.		12 ⁴⁰	9 ⁰⁰				
WORK ON FLAIR LINES							
PRESSURE BLIND RAME				8			
Tested blind rams for 1500 PSI for 15 min. Tested OK							
DRILLER'S SIGNATURE							
STRAIGHTEN CAGE IN HYDRIL. WORK ON FLARE LINES		8 ¹⁰⁰					
			4 ⁰⁰				
CHECKED MOTOR SHUTOFFS				O. K.			
DRILLER'S SIGNATURE							
Hook up FLOW NIPPLE + LINES TRIP IN.		4 ⁰⁰		12 ⁰⁰ 8			
DRILLER'S SIGNATURE							
ING REPORT		RAN & CEM.	JTS	CSG. AT	FT. WITH	SAY	
%		.PLUG DOWN		A.M. P.M.	RETURNS	YES/NO	BBL
PIPE	CLASSIFICATION	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED	
JT	NO. 2. NO. 3						
MOVED RATOR :		MOVED L PUSHER :		WATER COST \$		CUSTOMER'S COPY	

GIVEN BY

№ 14862

WEATHER

11501

Nº 14834

[illegible]

No 14834

№ 14830

REMARKS	TIME		
	START	STOP	INTVL
RUN 13 $\frac{3}{8}$ " CASING TO 1164'	12 ⁰⁰	6 ⁰⁰	6
CIRCULATE	6 ⁰⁰	6 ⁴⁵	3 $\frac{3}{4}$
RUNNING DRILL PIPE INSIDE CASING TO CEMENT	6 ⁴⁵	8 ⁰⁰	1 $\frac{1}{4}$
Run 37 jts 13 $\frac{3}{8}$ " 8rd 54.5"-H55 ST & C rge 2 surface casing set @ 1164' KB Davis shoe & Davis 8 700 series float shoe top of bottom jt 2 centralizers.			
15' off bottom & 46' off bottom			
<i>[Signature]</i> DRILLER'S SIGNATURE			
FINISH RUNNING 10" RIG UP TO CIRC DRILL PIPE.	8 ⁰⁰	9 ²⁰	1 $\frac{1}{2}$
CIRC DRILL PIPE	9 ²⁰	9 ⁴⁵	1 $\frac{1}{2}$
Work On Lines + Cement Unit.	9 ⁴⁵	11 ⁴⁵	2
Cementing 13 $\frac{3}{8}$ " Casing	11 ⁴⁵	2 ¹³	2 $\frac{1}{2}$
Displacing Casing + Drill pipe w/ water	2 ¹³	4 ⁰⁰	1 $\frac{3}{4}$
Cemented by Hawco w/ 108.5 sac formula post cement, circulated & reciprocated casing 3/4 hr before cementing & part way thru cementing <i>[Signature]</i> DRILLER'S SIGNATURE			
Wd O. C. + Nipple Up.	4 ⁰⁰	12 ⁰⁰	8
18 bbls clear cement returns to surface pipe displaced @ 2:15 PM 12/26/73			
Not needed by Quick for Cont. Well for Dore.			
<i>[Signature]</i> DRILLER'S SIGNATURE			

G REPORT		RAN & CEM.		37	JTS.	13 1/2	CSG. AT	1164	FT. WITH	1083	SAX
Permafrost		LUG DOWN		2'15"	P.M.	RETURNS	YES/NO	18	BBL		
PIPE		CLASSIFICATION		TOTAL	DATE	FT. DRILLED	FT. DRILLED	TOTAL FT.			
JT	NO. 2	NO. 3	JTS	SONOSC.	SINCE SONOSC.	THIS DATE	DRILLED				
VED TOR :							WATER COST	\$	CUSTOMER'S COPY		
VED USHER :											

Nº 14830

Nº 14830

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME UNION 10E STONY GLE DATE DEC 25 1972 No 14829

DAYS FROM SPUD 12 MAILING ADDRESS ROAD CONDITIONS WEATHER

Form containing multiple tables for drilling logs, including columns for NO., SIZE, TYPE, JETS, SERIAL, WT., R.P.M., and various pressure and flow measurements. Includes sections for MUD ADDITIVES, DESILTER, and SURVEYS.

Form containing REMARKS, TIME (START, STOP, INTVL), and various handwritten notes and signatures. Includes sections for RIG SERV., CIRCULATE, and RUN IN DUMMY TRIP.

Form containing DATE DEC 25 1972, RIG # 11, and various sections for acknowledging work hours, injuries, and signatures. Includes sections for TOUR 1, TOUR 2, TOUR 3, and INJURIES.

FROM 941 TO 993

FOOTAGE 52

WT. DRILL PIPE 7.50m

STANDS 7

SINGLES 1

DRILL COLLARS 36

NO. 9

Q.D. 63

I.D. 23

LENGTH 271.25

WT. AIR 19.70

5005

FT. UP ON SPOOL 18

NO. 36

SIZE 17 1/2

TYPE SEC.

JETS

SERIAL X552410-15M

WT. 100

R.P.M.

DRILLED OR CORED

DEPTH IN

OUT

HRS. 15 1/2

PUMP NO. 1

PUMP PRESSURE 750

S.P.M. 120

T

B

G

MUD

VIS. 5.0

WT. 9.5

W.L. 9.0

PH 9.0

PV

YP

SOLIDS

OIL

PUMP #1 PRESS. 750

MODEL 8P80

S.P.M. 120

LINER 6

PUMP #2 PRESS. 750

MODEL 8P80

S.P.M. 120

LINER 6

12 MN.

4 A.M.

WATER ADDED: 15.00

MUD ADDITIVES: GEL 10 BAGS CAUSTIC SODA 1 BAG

DESILTER: HRS. OP. 8

U.FLOW 10

O. FLOW 9.5

DRILLING LINE RECORD

SIZE 1 1/2

MAKE WRI

NO. LINES 8

TRIPS 9

TON MILES 18006

TOTAL MILES

FEET SLIP OR CUT

AT MILES 18040

DATE SLIP OR CUT

NEXT SLIP 18340

FT. LEFT ON SPOOL 5200

FROM 993 TO 997

FOOTAGE 4

WT. DRILL PIPE 50m

STANDS 7

SINGLES 1

DRILL COLLARS 36

NO. 9

Q.D. 63

I.D. 23

LENGTH 271.25

WT. AIR 19.70

5005

FT. UP ON SPOOL 25

NO. 36

SIZE 17 1/2

TYPE SEC.

JETS

SERIAL X552415M

WT. 100

R.P.M.

DRILLED OR CORED

DEPTH IN

OUT

HRS. 15 1/2

PUMP NO. 1

PUMP PRESSURE 750

S.P.M. 120

T

B

G

MUD

VIS. 5.2

WT. 9.5

W.L. 9.0

PH 9.0

PV

YP

SOLIDS

OIL

PUMP #1 PRESS. 750

MODEL 8P80

S.P.M. 120

LINER 6

PUMP #2 PRESS. 750

MODEL 8P80

S.P.M. 120

LINER 6

8 A.M.

12 NOON

WATER ADDED:

MUD ADDITIVES: GEL-12 BAGS

DESILTER: HRS. OP. 1

U.FLOW 10.3

O. FLOW 9.5

DRILLING LINE RECORD

SIZE 1 1/2

MAKE WRI

NO. LINES 8

TRIPS 9

TON MILES 18203

TOTAL MILES

FEET SLIP OR CUT

AT MILES 18040

DATE SLIP OR CUT

NEXT SLIP 18340

FT. LEFT ON SPOOL

FROM 997 TO 1104

FOOTAGE 107

WT. DRILL PIPE 52

STANDS 8

SINGLES 2

DRILL COLLARS 9

NO. 64

Q.D. 9

I.D. 28

LENGTH 271.25

WT. AIR 17.00

5483

FT. UP ON SPOOL 31

NO. 181

SIZE 17 1/2

TYPE REC.

JETS

SERIAL 3-20581M

WT. 10

R.P.M. 90

DRILLED OR CORED

DEPTH IN

OUT

HRS. 7

PUMP NO. 1

PUMP PRESSURE 1200

S.P.M. 120

T

B

G

MUD

VIS. 5.3

WT. 9.5

W.L. 8.2

PH 8.5

PV

YP

SOLIDS

OIL

PUMP #1 PRESS. 1200

MODEL 8P80

S.P.M. 120

LINER 6

PUMP #2 PRESS. 1200

MODEL 8P80

S.P.M. 120

LINER 6

4 P.M.

8 P.M.

WATER ADDED: 2500 Gal.

MUD ADDITIVES: Gel-3 Bags Caustic = 3 Bags

DESILTER: HRS. OP.

U.FLOW 10.3

O. FLOW 9.5

DRILLING LINE RECORD

SIZE 1 1/2

MAKE WRI

NO. LINES 8

TRIPS 8

TON MILES 18103

TOTAL MILES

FEET SLIP OR CUT

AT MILES

DATE SLIP OR CUT

NEXT SLIP 18340

FT. LEFT ON SPOOL 5200

B.O.P.

TESTED

PRESSURE

TIME

LAST REPAIR DATE

CROWNO MATIC CHECKED

FUEL ON HAND 12:01 A.M. 5

GALS.

MOTOR

HRS.

NEXT OIL CHANGE

CASING REPORT

RAN & CEM.

JTS.

CSG. AT

FT. WITH

SAX

HYDRIL

PIPE RAMS.

BLANK RAMS.

TOTCO RING

ON/OFF

BOILER OPERATED

HRS.

FIRE EQUIP. CHECKED

FUEL REC'D TO-DAY

GALS.

TOTAL

GALS.

FUEL ON HAND 11:59 P.M.

GALS.

FUEL USED

GALS.

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

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 B. WOOD 12

DERRICK D. SIEREN 12

MOTOR S. WERSDALE 8

FLOOR A. KLEIN 12

FLOOR S. MATTHEWS 8

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

HRS.

DRILLER A. LUNDIE 8

DERRICK H. HAYDON 8

MOTOR R. LANGLIOS 8

FLOOR T. PALIWORA 8

FLOOR A. CALLISSON 8

TOUR 3 4:00 P.M. TO MIDNIGHT

HRS.

DRILLER J. HONISH 8

DERRICK R. BERGE 8

MOTOR N. MAENYSON 8

FLOOR P. TREPTOW 8

FLOOR R. JOHNSON 8

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 14828

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOME UNION 10E STONY G-6 DATE DEC 23 1972 No 14827

DAYS FROM SPUD 10 MAILING ADDRESS

ROAD CONDITIONS

WEATHER

DATE DEC 23 1972 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	B. WOOD		8
DERRICK	D. SIEREN		8
MOTOR	S. WERSDALE		8
FLOOR	A. KLEIN		8
FLOOR	S. MATTHEWS		8
FLOOR			

TOUR 2 8 A.M. TO 4 P.M.			HRS.
DRILLER	A. LUNDIE		8
DERRICK	H. HAYDON		8
MOTOR	R. LANGLIOS		8
FLOOR	T. PALIWODA		8
FLOOR	A. CALLISSON		8
FLOOR	A. FRANCHÉ		8

TOUR 3 4:00 P.M. TO MIDNIGHT			HRS.
DRILLER	J. HONISH		8
DERRICK	R. BERG		8
MOTOR	N. MAGNUSON		8
FLOOR	P. TREPTOW		8
FLOOR	R. JOHNSON		8
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

CUSTOMER'S COPY

No 14827

FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3083	FT. ON RALLY				
831	884	53	7 1/2	48M	6			36	9 1/2	2 3/4	27125		1970					
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
2	17 1/2	H.O.		X5124	10	100	884			29	1	700	120					
											2	700	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.	5.3	9.4	9.1	9					700	8P80	120	6	700	8P80	120	6		
4 A.M.	5.0	9.4	9.1	9					700	8P80	120	6	700	8P80	120	6		
WATER ADDED: 3000										DESILTER: HRS. OP. 7		U.FLOW 9.9		O. FLOW 9.4				
MUD ADDITIVES: GEL 15 BAG										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							
884	897	13	3 3/4	48M	6	1		18040		18340	5200							
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
2	17 1/2	SEC		X5124	10M	100	897			32 1/2	1	700	110					
											2							
3	40	17 1/2	SEC	X5124														
MUD	VIS.	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.	5.0	9.4	8.8	9					700	8P80	110	6	700	8P80	110	6		
12 NOON																		
WATER ADDED: 1500										DESILTER: HRS. OP. 4		U.FLOW 10		O. FLOW 9.4				
MUD ADDITIVES: GEL 8 BAGS										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							
897	941	44	7 1/2	50M	6	2		18096		19340								
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G		
3	17 1/2	SEC		X5124	15	100	941			7 1/2	1	600	120					
											2	600	120					
HOLE OPENER																		
MUD	VIS.	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.	17	9.5	9.0	8.5					600	8P80	120	6	600	8P80	120	6		
8 P.M.	4.5	9.5	9.1	9.0														
WATER ADDED: 3000										DESILTER: HRS. OP. 7		U.FLOW 10		O. FLOW 9.5				
MUD ADDITIVES: GEL = 15 BAGS, CEMENT = 2, BAGS, 1 BAG PER HOUR, Change Blend Packing NO 1 + 2 change Pumps. Packings										SURVEYS		DEG.	DEPTH					
Change Character on No 1 pumps.																		
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							
941	977	15	7 1/2	50M	6	2		18088		18340	5200							
BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNO MATIC CHECKED	FUEL ON HAND 12:01 A.M.	4	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	SAX.	
HYDRIL					ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY		GALS.	1.			PLUS	%	PLUG DOWN	A.M. P.M.	RETURNS	YES/NO	BBL.
PIPE RAMS.					KELLY COCK CHECKED	TOTAL		GALS.	2.			DRILL PIPE	CLASSIFICATION	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DATE	TOTAL FT. DRILLED
BLANK RAMS.						FUEL ON HAND 11:59 P.M.		GALS.	3.			NO. 2	NO. 3					
TOTCO RING	ON/OFF	BOILER OPERATED	24	HRS.	FIRE EQUIP. CHECKED	FUEL USED		GALS.	4.			APPROVED OPERATOR						
									5.			APPROVED TOOLPUSHER						
									6.									

REMARKS	TIME	START	STOP	INTVL.
REAMING 12 1/4" HOLE TO 17 1/2"		12:00	3:00	3
WORK TIGHT HOLE ON CONNECTION		3:00	3:15	1/4
RIG SERV.		3:15	3:30	1/4
REAMING		3:30	8:00	4 1/2
DRILLER'S SIGNATURE				
RIG SERV.		8:00	8:15	1/4
REAR		8:15	11:30	3 1/4
PULL OUT		11:30	12:30	1
CHANGE CUTTERS ON H.O.		12:30		
4 DRILL OUT CENTER PORTS ON H.O.			3:45	2 1/4
Run in WITH REAMER.		3:45	4:00	1/4
DRILLER'S SIGNATURE				
REAM 12 1/4" HOLE TO 17 1/2" HOLE		4:00	8:45	4 3/4
SURVEY RIG SERV.		8:45	9:15	1/2
REAM		9:15	12:00	2 3/4
DRILLER'S SIGNATURE				
TOOLPUSHER'S SIGNATURE				
WATER COST				
CUSTOMER'S COPY				

GUSTAVSON ARCTIC DRILLING COMPANY

DAYS FROM SPUD 9 MAILING ADDRESS

RIG NO. 11

WELL

DOME UNION 10E

STONY G-6

DATE DEC. 22 1972

No 14826

ROAD CONDITIONS

WEATHER

DATE DEC. 22 1972 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.

DRILLER B. WOOD 8
DERRICK D. SIEBEN 8
MOTOR S. WEASDALE 8
FLOOR A. KLEIN 8
FLOOR S. MATTHEWS 8
FLOOR

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

DRILLER A. LUNDIE 8
DERRICK H. HAYDON 8
MOTOR R. LANGLOS 8
FLOOR T. PALIWADA 8
FLOOR A. COLLISON 8
FLOOR A. FRANCKE 10

TOUR 3 4:00 P.M. TO MIDNIGHT

DRILLER J. HONISH 8
DERRICK R. BERG 8
MOTOR N. MAGNUSON 8
FLOOR P. TREPTOW 8
FLOOR R. JOHNSON 8
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 14826

CUSTOMER'S COPY

FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	3405.19.70	FT. IN	FT. OUT
578	648	70	6	48M	3	2	3	6	9	6	27	125			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DEPTH IN	DEPTH OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
3	17 1/2	H.O.		X5124	10M	100			6	1	550	110			
									2						

MUD VIS. 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. 53 9.3 9.8 9
4 A.M. 50 9.3 10.2 9
WATER ADDED: 3000
MUD ADDITIVES: GEL 12 BAGS
DESILTER: HRS. OP. 5 1/2 U.FLOW 10 O. FLOW 9.3
7 G.P.M. OUTPUT

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					
17	WRI	8	8							18340	5200					
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	54B	FT. IN	FT. OUT	
648	763	115	9	48m	4	2		36	9 3/4	2 3/4	27125		19.70	34		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
240	17 1/2			X5124						13 3/4						
									</							

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
8 A.M. 49 9.3 9.7 9
12 NOON 50 9.4 8.8 9
WATER ADDED: 6000
MUD ADDITIVES: GEL 25 BAGS
DESILTER: HRS. OP. 3 U.FLOW 10 O. FLOW 9.3

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				
	17 1/2	WRI	8												
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	5405		FT. IN
763	831	68		50m	5	2		9	6 1/2	9 28	27	125	1970		18
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B
3	17 1/2	H.O.		XSP4	10	100	REAM			2 1/2	1	700	120		1A
							831				2	700	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. 46 9.3 9.1 85
8 P.M. 49 9.4 9.2 90
WATER ADDED: 3000
MUD ADDITIVES: Gel = 10 Bags Caustic = 2 Bags
DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.8

DRILLING LINE RECORD												DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL
1	17 1/2	WRI	8			18089						18340	5200	
												DATE SLIP OR CUT	NEXT SLIP	FT. LEFT ON SPOOL

MUD VIS. 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. 46 9.3 9.1 85
8 P.M. 49 9.4 9.2 90
WATER ADDED: 3000
MUD ADDITIVES: Gel = 10 Bags Caustic = 2 Bags
DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.8

B O P	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.	OIL CHANGE	CASE
HYDRIL					ENGINE SHUT- OFF CHECKED	FUEL REC'D TO-DAY	GALS.	1.			PLUS
PIPE RAMS.					KELLY COCK CHECKED	TOTAL	GALS.	2.			DRILL SIZE
BLANK RAMS.						FUEL ON HAND 11:59 P.M.	GALS.	3.			APP OPE
TOTCO RING	ON/OFF	2 BOILER OPERATED 24 HRS.			FIRE EQUIP. CHECKED	FUEL USED	GALS.	4.			APP TO
								5.			
								6.			

MUD VIS. 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. 46 9.3 9.1 85
8 P.M. 49 9.4 9.2 90
WATER ADDED: 3000
MUD ADDITIVES: Gel = 10 Bags Caustic = 2 Bags
DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.8

RIG SERV.

CHANGE H.O. CUTTERS
RUN IN WITH 17 1/2" H.O.
REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

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REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

REAMING 12 1/4" HOLE TO 17 1/2"

GUSTAVSON ARCTIC DRILLING COMPANY

DAYS FROM SPUD 8 MAILING ADDRESS

RIG NO. 11 WELL DOME UNION 10E STONY G-6 DATE DEC. 21 1972

ROAD CONDITIONS WEATHER

No 14825

DATE DEC. 21 1972 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	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
144	300	156	7.5	36m			3	9	2 3/8		207.58		19.70	11		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10m	100	300			1 1/2	1	200	90			
										2						
MUD	VIS.	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.	5.0	9.3	8.1						200	8P80	90	6	200	8P80	90	6
4 AM.	5.3	9.3	8.1						200	8P80	90	6	200	8P80	90	6
WATER ADDED: 1500 GAL DESILTER: HRS. OP. U.FLOW O. FLOW																
MUDADDITIVES: GAL 12 BAG																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
300	440	140	7.3	41m	1	124.4	1	3	9 1/2	2 3/8	271.25		19.70	16		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10m	100				2 1/2	1	560	110			
										2						
MUD	VIS.	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 AM.	5.2	9.3	8.3						500	8P80	110	6	500	8P80	110	6
12 NOON	5.0	9.4	8.4													
WATER ADDED: DESILTER: HRS. OP. U.FLOW 10.8 O. FLOW 9.4																
MUDADDITIVES: 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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
440	578	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
578	716	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
716	854	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
854	992	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
992	1130	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
1130	1268	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
1268	1406	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
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					
14	WRT	8	7	31	349		18051		18340	5200						
FROM	TO	FOOTAGE	HRS. ON	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	500'S	FT. UP ON KELLY		
1406	1544	138	6.4	56m	2		2	9	6 3/4	2 3/8	271.25		19.70			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
110	17 1/2	H.O.		X5124	10	100	578			2 1/2	1	550	110	3	3	
										2		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
4 P.M.	5.3	9.4	8.2						550	8P80	110	6	550	8P80	110	6
8 P.M.	5.3	9.4	8.2													
WATER ADDED: 3000 GAL DESILTER: HRS. OP. U.FLOW 9.8 O. FLOW 9.4																
MUDADDITIVES: GEL 21 BAG CAUSTIC 100 lbs																
CLEANED NO. 1 DESILTER SECTION TANK																
SURVEYS																
DEG. DEPTH																
DRILLING LINE RECORD	SIZE	MAKE	NO. LINES	TRIPS	TON. MILES	T										

FROM 1177 TO 1210

FOOTAGE 33

HRS. ON BOTTOM 43/4

WT. DRILL PIPE 527

STANDS 895.79

SINGLES 2

DRILL COLLARS 3

NO. 3

O.D. 9 1/2

I.D. 2 1/2

LENGTH 271.25

WT. AIR 13.53

FT. UP ON KELLY 19

NO. 74

SIZE 12 1/4

TYPE DSJ

JETS 3-14

SERIAL 40782

WT. 5M

R.P.M. 80

DRILLED OR CORED 67

DEPTH IN 1143

OUT 1210

HRS. 10

PUMP NO. 42

PUMP PRESSURE 1200

S.P.M. 80

T 2

B 5

G 0

MUD

VIS. 12 MN. 50

WT. 9.2

W.L. 8.2

PH

PV

YP

SOLIDS %

OIL %

PUMP #1 PRESS

MODEL

S.P.M.

LINER

PUMP #2 PRESS

MODEL

S.P.M.

LINER

WATER ADDED: 1500 GALS

DESILTER: HRS. OP.

U.FLOW

O. FLOW

MUD ADDITIVES: CAUSTIC 50#

10 bags Gel

DRILLING LINE RECORD

NO. 149

SIZE WRI

MAKE 8

NO. LINES 3

TRIPS 312

TON MILES 300

TOTAL MILES

FEET SLIP OR CUT 18050

AT MILES

DATE SLIP OR CUT 18340

NEXT SLIP

FT. LEFT ON SPOOL

FROM 0 TO 144

FOOTAGE 144

HRS. ON BOTTOM 7-1

WT. DRILL PIPE 28M

STANDS

SINGLES

DRILL COLLARS 3

NO. 3

O.D. 9 1/2

I.D. 2 1/2

LENGTH 117.75

WT. AIR 19.70

FT. UP ON KELLY 38

NO. 140

SIZE 17 1/2

TYPE HO

JETS

SERIAL X5124

WT. 5-10M

R.P.M. 90

DRILLED OR CORED 144

DEPTH IN

OUT

HRS. 7 1/4

PUMP NO. 1

PUMP PRESSURE 200

S.P.M. 90

T

B

G

MUD

VIS. 4 P.M. 50

WT. 9.3

W.L. 8.5

PH

PV

YP

SOLIDS %

OIL %

PUMP #1 PRESS 200

MODEL 8P90

S.P.M. 90

LINER 6"

PUMP #2 PRESS 200

MODEL 8P90

S.P.M. 90

LINER 6"

WATER ADDED:

DESILTER: HRS. OP.

U.FLOW

O. FLOW

MUD ADDITIVES:

DRILLING LINE RECORD

NO. 149

SIZE WRI

MAKE 8

NO. LINES 3

TRIPS 312

TON MILES 300

TOTAL MILES

FEET SLIP OR CUT 18051

AT MILES

DATE SLIP OR CUT 18340

NEXT SLIP

FT. LEFT ON SPOOL

BOP

TESTED

PRESSURE

TIME

LAST REPAIR DATE

CROWNOMATIC CHECKED

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

MOTOR #

HRS.

NEXT OIL CHANGE

HYDRIL

PIPE RAMS.

BLANK RAMS.

TOTCO RING ON/OFF

BOILERS OPERATED 24 HRS.

FIRE EQUIP. CHECKED

FUEL USED GALS.

CASING REPORT

RAN & CEM.

JTS.

CSG. AT

FT. WITH

SAX

PLUS %

PLUG DOWN

A.M. P.M.

RETURNS

YES/NO

BBL.

DRILL PIPE

CLASSIFICATION

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.

DRIG

CIRC. + RAISE VISCOSITY

SURVEY @ 1210

HIST To log

RIGGING UP TO LOG

LOGGING

LAYING DOWN LOGGING EQUIP

PICK UP 9" D.C., KEAMER + BIT

WELD STRAPS ON KEAMER + BIT.

R.G SERV

REAM OUT PILOT HOLE TO 17 1/2"

PICK UP SHOCK SUB

Reaming

TIME

START

STOP

INTVL

12.00

12.15

1/4

12.15

5.00

4 3/4

5.00

5.30

1/2

5.30

5.45

1/4

5.45

8.00

2 1/4

8.00

9.00

1

9.00

1.30

4 1/2

1.30

2.15

3/4

2.15

4.00

1 1/2

4.00

4.15

1/4

4.15

7.00

2 3/4

7.00

7.30

1/2

7.30

12.00

4 1/2

12.00

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M

HRS.

DRILLER A. EWASLUK 8

DERRICK L. LAFLEUR 8

MOTOR E. KRIEGER 8

FLOOR E. KRIEGER 8

FLOOR J. CLARKE 8

FLOOR R. ALEXIE 9

TOUR 2 8 A.M TO 4 P.M

HRS.

DRILLER B. WOOD 8

DERRICK D. SIEBEN 8

MOTOR S. WERSDALE 8

FLOOR A. KLEIN 8

FLOOR S. MATTHEWS 8

DRILLER A. FRANCKE 9

TOUR 3 4:00 P.M. TO MIDNIGHT

HRS.

DRILLER A. LUNDIE 8

DERRICK H. HAYDON 8

MOTOR R. LANGLIOS 8

FLOOR T. PALIWODA 8

FLOOR A. CALLISSON 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 TALKS - SUBJECT

GIVEN BY

No 14824

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL DOMO UNION ICE STONY G6 DATE DEC 20 1972 No 14833

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

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.	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	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																
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 _____																
NO. _____ SIZE _____ TYPE _____ JETS _____ SERIAL _____ WT. _____ R.P.M. _____ DRILLED OR CORED _____ DEPTH IN _____ 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 NOON																
3 A.M.																
WATER ADDED: _____ DESILTER: HRS. OP. _____ U.FLOW _____ O. FLOW _____																
MUD ADDITIVES: _____																
SURVEYS																
DEG. _____ DEPTH _____																
DRILLING LINE 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 KELLY _____																
NO. _____ SIZE _____ TYPE _____ JETS _____ SERIAL _____ WT. _____ R.P.M. _____ DRILLED OR CORED _____ DEPTH IN _____ 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																
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 _____																
NO. _____ SIZE _____ TYPE _____ JETS _____ SERIAL _____ WT. _____ R.P.M. _____ DRILLED OR CORED _____ DEPTH IN _____ 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 _____																

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.	NEXT OIL CHANGE
HYDRIL					ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY	GALS.	1.		
PIPE RAMS.					KELLY COCK CHECKED	TOTAL	GALS.	2.		
BLANK RAMS.								3.		
TOTCO RING	ON/OFF	BOILER OPERATED	HRS.	FIRE EQUIP. CHECKED		FUEL ON HAND 11:59 P.M.	GALS.	4.		
						FUEL USED	GALS.	5.		
								6.		

REMARKS	START	STOP	TIME
TRAVEL FROM RIG #11 TO EDMONTON			
DRILLER'S SIGNATURE <u>A. Ewasiak</u>			
TRAVEL FROM EDMONTON TO RIG #11			
SEND J. HOMISH 6 AM CHEQUE TO BOX 82 GOODSOIL SASK			
DRILLER'S SIGNATURE <u>J. Homish</u>			
DRILLER'S SIGNATURE _____			

PLUS	%	PLUG DOWN	A.M. P.M.	RETURNS	YES/NO	BBLs.	
DRILL PIPE	CLASSIFICATION	TOTAL	DATE	SONOSC	FT. DRILLED SINCE SONOSC	FT. DRILLED THIS DATE	TOTAL FT. DRILLED
SIZE	NO. 2	NO. 3					
APPROVED OPERATOR	WATER COST \$			CUSTOMER'S COPY			
APPROVED TOOLPUSHER							

DATE DEC 20 / 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. Travel Time

TOUR 1: MIDNIGHT TO 8 A.M.			HRS.
DRILLER	<u>A. EWASIAK</u>		<u>8</u>
DERRICK	<u>L. LAFLEUR</u>		<u>8</u>
MOTOR	<u>E. KRIEGER</u>		<u>8</u>
FLOOR	<u>F. KRIEGER</u>		<u>8</u>
FLOOR	<u>J. CLARK</u>		<u>8</u>
FLOOR			
TOUR 2: 8 A.M. TO 4 P.M.			HRS.
DRILLER	<u>J. HOMISH</u>		<u>8</u>
DERRICK	<u>R. BERG</u>		<u>8</u>
MOTOR	<u>N. MAGNUSON</u>		<u>8</u>
FLOOR	<u>P. TREPTOW</u>		<u>8</u>
FLOOR	<u>R. JOHNSON</u>		<u>8</u>
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
			<u>Travel Time</u>

TOOLPUSHER'S APPROVAL [Signature]

SAFETY TALKS - SUBJECT _____

GIVEN BY _____

No 14833

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11

WELL DOME UNION 10E STONY G-6

DATE DEC 17 1972

No 14821

DAYS FROM SPUD 4 MAILING ADDRESS

ROAD CONDITIONS

WEATHER 42° BELOW

DATE DEC 17 1972 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 SP LOG																
FROM	TO	FOOTAGE	HRS. ON BOTTOM	WT. DRILL PIPE	STANDS	SINGLES	DRILL COLLARS	NO.	O.D.	I.D.	LENGTH	WT. AIR	SUBS		FT. UP KELL	
770	792	22	44	48M	49667			36	9 1/4	8 3/4	27125		13.53			
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	OUT	HRS.	PUMP NO.	PUMP PRESSURE	S.P.M.	T	B	G
4A	12 1/4	DBT	3-14	407855	12-15M	70		620	978	19 1/2	1	1100	90	4	5	0
5A	12 1/4	M4H	3-14	375060	10M	60	-13			?	2					
MUD	VIS.	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.	47	9.4														
4 A.M.	44	9.4														

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

MUD ADDITIVES: GEL 7 BAGS SURVEYS

DEG. DEPTH

10 778

DRILLING RECORD

15 WA 8 4 307 307 33 18240 18240 5300

FROM 792 TO 850

FOOTAGE 58 HRS. ON 7 48M 5 2

WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. 36 O.D. 9 1/4 I.D. 8 3/4 LENGTH 27125 WT. AIR 13.53

NO. 5A SIZE 12 1/4 TYPE M4H JETS 3-14 SERIAL 375060 WT. 85 R.P.M. 71

DRILLED OR CORED DEPTH IN 10 1/2 OUT 1100 90

PUMP NO. 2 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. 39 9.4 1100 8280 80 6

12 NOON 50 9.2 1100 8280 80 6

WATER ADDED: 3000 GALS. H2O DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL 27 BAGS SURVEYS

DEG. DEPTH

11 812

DRILLING RECORD

15 WA 8 4 307 307 33 18240 18240 5300

FROM 850 TO 904

FOOTAGE 54 HRS. ON 7 48M 6 1

WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. 36 O.D. 9 1/4 I.D. 8 3/4 LENGTH 27125 WT. AIR 13.53

NO. 5A SIZE 12 1/4 TYPE M4H JETS 3-14 SERIAL 375060 WT. 85 R.P.M. 125

DRILLED OR CORED DEPTH IN 17 1/2 OUT 1100 80

PUMP NO. 2 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. 49 9.2 1100 8280 80 6

8 P.M. 51 9.3 1100 8280 80 6

WATER ADDED: 3000 GALS. H2O DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL 10 BAGS SURVEYS

DEG. DEPTH

5 854

DRILLING RECORD

15 WA 8 4 307 307 33 18240 18240 5300

FROM 904 TO 950

FOOTAGE 46 HRS. ON 7 48M 7 1

WT. DRILL PIPE STANDS SINGLES DRILL COLLARS NO. 36 O.D. 9 1/4 I.D. 8 3/4 LENGTH 27125 WT. AIR 13.53

NO. 5A SIZE 12 1/4 TYPE M4H JETS 3-14 SERIAL 375060 WT. 85 R.P.M. 125

DRILLED OR CORED DEPTH IN 17 1/2 OUT 1100 80

PUMP NO. 2 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. 49 9.2 1100 8280 80 6

8 P.M. 51 9.3 1100 8280 80 6

WATER ADDED: 3000 GALS. H2O DESILTER: HRS. OP. U.FLOW O. FLOW

MUD ADDITIVES: GEL 10 BAGS SURVEYS

DEG. DEPTH

5 854

REMARKS

RIG SERV

DRIG

TRIP OUT & IN

SLIP LINE

DRIG

DRIG 12 1/4" HOLE

RIG SERV & SURVEY

DRIG 12 1/4" HOLE

RIG SERV

DRIG

SURVEY

DRIG

SURVEY

DRIG

SURVEY

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TIME

START STOP INTVL

12 12 15 1/4

12 15 1 30 1/4

1 30 4 30 3

4 30 5 00 5

5 00 8 10 3

8 10 8 30 8

8 30 1 00 1/2

1 00 4 00 3

4 00 4 30 3/4

4 30 1 00 1/2

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1 00 4 00 3

4 00 4 30 3/4

TOUR 1 MIDNIGHT TO 8 A.M.

HRS.

DRILLER A. EWASINK 8

DERRICK L. LAFLEUR 8

MOTOR E. KRIEGER 8

FLOOR E. KRIEGER 8

FLOOR J. CLARKE 8

FLOOR R. ALEXIE 10

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

HRS.

DRILLER B. WOOD 8

DERRICK D. SIEBEN 8

MOTOR S. WEERDALE 8

FLOOR A. KLEIN 8

FLOOR S. MATTHEWS 8

FLOOR M. AL FRANCHI 9

TOUR 3 4 P.M. TO MIDNIGHT

HRS.

DRILLER A. LUNDKE 10

DERRICK H. HAYDON 12

MOTOR R. LANGLIOS 12

FLOOR T. PALIKORA 12

FLOOR A. CALLISSON 10

FLOOR

INJURIES - COMPLETE 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

SAFETY TALKS - SUBJECT

GIVEN BY

CUSTOMER'S COPY

No 14821

WATER COST

APPROVED OPERATOR

APPROVED TOOLPUSHER

FUEL ON HAND 12:01 A.M. 3" 4" GALS.

FUEL REC'D TO-DAY GALS.

TOTAL GALS.

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

FUEL USED GALS.

CROWNMATIC CHECKED

ENGINE SHUT-OFF CHECKED

KELLY COCK CHECKED

FIRE EQUIP. CHECKED

BOILER OPERATED 24 HRS.

TOTCO RING ON/OFF

CASH

PLUS 2

PLUG DOWN

DRILL PIPE CLASSIFICATION

TOTAL JTS.

DATE SONOSC.

FT. DRILLED SINCE SONOSC.

FT. DRILLED THIS DATE

TOTAL FT. DRILLED

GUSTAVSON ARCTIC DRILLING COMPANY

RIG NO. 11 WELL Dome Union ICE STONY A-06 DATE Dec 14 1972 No 14818

DAYS FROM SPUD 1 MAILING ADDRESS

ROAD CONDITIONS HR To GL 16.75 WEATHER

DATE Dec 14/72 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.

Form containing drilling logs, pump pressure, and various measurements. Includes sections for 'DRILLING LOG', 'PUMP PRESSURE', 'WATER ADDED', 'MUD ADDITIVES', and 'SURVEYS'. The logs are organized by date and time, with columns for various parameters like depth, pressure, and flow.

Form containing remarks, signatures, and additional data. Includes sections for 'REMARKS', 'DRILLER'S SIGNATURE', and 'CUSTOMER'S COPY'. The remarks section contains handwritten notes about the drilling process and equipment.

Form containing employee information, signatures, and additional data. Includes sections for 'TOUR 1 MIDNIGHT TO 8 A.M.', 'TOUR 2 8 A.M. TO 4 P.M.', 'TOUR 3 4 P.M. TO MIDNIGHT', and 'INJURIES - COMPLETE BELOW'. It also includes a section for 'TOOLPUSHER'S APPROVAL' and 'SAFETY TALKS - SUBJECT'.

DAYS FROM SPUD

MAILING ADDRESS

ROAD CONDITIONS

WEATHER

MINING 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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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		
NO.	SIZE	TYPE	JETS	SERIAL	WT.	R.P.M.	DRILLED OR CORED	DEPTH IN	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

BOP	TESTED	PRESSURE	TIME	LAST REPAIR DATE	CROWNOMATIC CHECKED	FUEL ON HAND 12:01 A.M.	GALS.	MOTOR	HRS.	NEXT OIL CHANGE	CASING REPORT	RAN & CEM.	JTS.	CSG. AT	FT. WITH	SAX	
HYDRIL					ENGINE SHUT-OFF CHECKED	FUEL REC'D TO-DAY	GALS.	1.			PLUS %	PLUG DOWN		A.M. P.M.	RETURNS	YES/NO	BBLs.
PIPE RAMS.					KELLY COCK CHECKED	TOTAL	GALS.	2.			DRILL PIPE	CLASSIFICATION	TOTAL JTS.	DATE SONOSC.	FT. DRILLED SINCE SONOSC.	FT. DRILLED THIS DAY	TOTAL FT. DRILLED
BLANK RAMS.						FUEL ON HAND 11:59 P.M.	GALS.	3.			SIZE	JT	NO. 2	NO. 3			
TOTCO RING	ON/OFF	BOILER OPERATED	HRS.	FIRE EQUIP. CHECKED		FUEL USED	GALS.	4.			APPROVED OPERATOR						
								5.			APPROVED TOOLPUSHER						
								6.									

WATER COST

CUSTOMER'S COPY

REMARKS

TRAVEL TIME FROM EDMONTON TO FORT McPHERSON

DRILLER'S SIGNATURE

A. LUNDIE

REMARKS

TRAVEL TIME FROM RIG TO EDMONTON

DRILLER'S SIGNATURE

J. HORISH

REMARKS

DRILLER'S SIGNATURE

TOUR 1 MIDNIGHT TO 8 A.M.

DRILLER

A. LUNDIE

DERRICK

H. HAYDON

MOTOR

FLOOR

FLOOR

FLOOR

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

DRILLER

J. HORISH

DERRICK

R. BEKE

MOTOR

N. MAGNUSON

FLOOR

P. TRIPTON

FLOOR

R. JOHNSON

FLOOR

TOUR 3 4:00 P.M. TO MIDNIGHT

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

TRAVEL

TIME

TOOLPUSHER'S APPROVAL

SAFETY TALKS - SUBJECT

GIVEN BY

No 14831