Indian and Northern Affairs Affaires indiennes et du Nord

Well Name / Nom du puits: Aquit Silvan Plateau G-51	Drilling Authority No. / Autorisation de forage n° 710
Field/Area / Gisement/Région:	Date Issued / Date d'émission 19-11-73
Location / Emplacement — Unit / Unité: G-51-64-00-125-15 — Section:	Permit or Lease: 5382
Latitude: 63-50-21.93	Longitude: 125-25-04.33
U.W.I.R. / N.R.U.E.P.: 63.83942 -- 125.41787	
U.W.I. No. / N.I.P. No.: 300G516400125150	
File Microfilmed	Rig. Release Date / Date de transfert de la tour de forage: Mar. 22, 1974
Tour Sheets, Microfilmed	Status / Statut: D. & A.
	Information Release Date / Date de publication autorisée des informations: Mar. 22, 1976

CHANGE OF NAME:
CHANGEMENT DE NOM:

Change of Location
Changement de emplacement

673-11-01-071

INDEX	DATE RECEIVED / RECU LE		INDEX
Application for a Drilling Authority	26-11-73	K	Demande d'autorisation de forage
Well Completion Data			Renseignements sur le forage d'un puits
Well History Report			Données chronologiques sur le puits
Application to Amend a Drilling Authority			Demande de modification d'une autorisation de forage
Application to Change a Well Name			Demande de changement du nom d'un puits
Application to Abandon a Well or Suspend Drilling			Demande d'abandon d'un puits ou de suspension du forage
Application to Alter Condition of a Well			Demande d'autorisation de modifier l'état d'un puits
Well History Supplement			Supplément aux données chronologiques sur le puits
Well Completion Data			Renseignements sur le forage d'un puits
Work-Over Report No.			Rapport de reconditionnement n° . . . . .
Application to Commingle Production before Measurement			Demande d'autorisation de mélanger la production avant jaugeage
Data for Back Pressure Test on Natural Gas Wells			Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode graphique n° 7
Data for Back Pressure Test on Natural Gas Walls			Données de calcul de la capacité de production d'un puits de gaz naturel — Méthode de Vitter
M.P.R. — Oil — Calculations			Calcul du T.M.P. (Taux maximal de production) de pétrole
New Oil Well Report			Rapport sur un nouveau puits de pétrole
New Gas Well Report			Rapport sur un nouveau puits de gaz naturel
Well Inspection Report			Rapport d'inspection de l'emplacement d'un puits
Rig Inspection Report			Rapport d'inspection d'une tour de forage
Battery Inspection Report			Rapport d'inspection d'une batterie de puits
Equipment Report			Rapport d'inspection des compteurs
Well Card			Fiche de puits
New Service Well Report			Rapport sur un nouveau puits de service
Strat Service Logs			Rapport mensuel des injections d'eau
Logs — Large scale			Diagrammes: Grande échelle
Logs — Small scale			Diagrammes: Petite échelle

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

OIL & MINERAL DIVISION
DIVISION DU PÉTROLE ET DES MINÉRAUX

WELL COMPLETION DATA
RENSEIGNEMENTS SUR LES FORAGES

Drilling Authority No. 710
N° de l'autorisation de forage

Date Issued November 19, 1973
Date de délivrance

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

Well Name & No. — *Nom et n° du puits*	Permit No. — *N° de permis*	Lease No. — *N° de concession*
Aquit Silvan Plateau G-51	5382	

(Permittee, License, Lessee) — *(Détenteur de permis ou de licence, du concessionnaire)*	Exploratory Licence No. — *N° de licence de sondage*
Aquitaine Company of Canada Ltd.	2017
(Operator) — *(Exécutant)*	Exploratory Licence No. — *N° de licence de sondage*
Aquitaine Company of Canada Ltd.	2017

LOCATION — *EMPLACEMENT*

Unit — *Unité*	Section	Grid — *Étendue quadrillée*	Latitude	Longitude
G	51	64-00-125-15	63° 50' 21.93"	125° 25' 04.33"

Unique Well Identifier — *Code d'ordinateur*	Universal Well Location Reference — *Références universelles d'emplacement du puits*
300 G51 6400 125 150	63.83942° N Lat. - 125.41787° W Long.

	Date	Depth — *Profondeur*
Spudded — *Début des travaux*	Feb. 5/74	
Suspended — *Suspension des travaux*		
Resumed Operations — *Reprise des travaux*		
Finished Drilling — *Forage terminé*	March 15/74	6,950' Driller 6,948' Logger
Deepened — *Approfondissement*		
Complete (Gas/Oil) — *Achèvement (Gaz/Pétrole)*		
Abandoned — *Abandon*	Mar. 22/74	
Rig Released — *Fin des travaux*	Mar. 22/74	

Pool(s) — *Gisement(s)*

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

Elevation: Gr. — *Altitude du sol* 2658 K.B. — *du carré d'entraînement* 2672

Rig No. — *N° de la tour de forage* 2

Drilling Contractor — *Entrepreneur en forage* Guthrie McLaren Drlg.

Contractor's Business Licence No. — *N° du permis de l'entrepreneur* 10918

CASING RECORD — *TUBAGE*

Casing Size (inches) — *Diamètre (en pouces)*	Grade — *Qualité*	Weight — *Poids*	Amount — *Longeur*	Set at — *Fixation à*	Sacks of Cement and Additives — *Sacs de ciment et d'additifs*
1. 20"	H40	94 #		62'	100 sx Oilwell
2. 13-3/8"	K55	54.5 #	415.89	412'	460 sx Oilwell+2% $CaCl_2$
3. 9-5/8"	K55	36#	3,234.38	3,234'	420 sx Class G
4.					
5.					
6.					

Geological Tops — *Sommet des formations*	Elevation — *Profondeur* Depths — *Sous le niveau du sol*	Sub-Sea — *Sous le niveau de la mer*
Spud in Ft. Simpson		
Canol	1,877'	795'
Hare Indian	2,729'	- 57'
Gayna River	2,864'	- 192'
Hume	3,064'	- 392'
Headless	3,745'	- 1,073'
Landry	4,004'	- 1,332'
Bear Rock	4,680'	- 2,008'

Core Record — *Carottes*

From — *de*	To — *à*	Rec. — *Récupérés*	From — *de*	To — *à*	Rec. — *Récup.*
	N/A				

Log Record — *Diagrammes*

Run — *Série*	Type of Log — *Genre de diagramme*	From — *De*	To — *À*
1	DIL	3,252'	413'
1	BHC-SGR	3,253'	413'
2	DIL	6,942'	3,256'
2	BHC-SGR	6,945'	3,256'
1	FDC	6,947'	3,256'
1	SNP	6,947'	3,256'
1	HDT	6,945'	3,256'
	Velocity Survey	Unsuccessful	

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
JUN 25 1974
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

52-90-2 (7-71)

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

Date	From – de	To – à	Remarks – Remarques
March 19/74	6,950'	6,750'	110 sx - no cement left in hole
March 20/74	6,800'	6,500'	160 sx - Felt at 6485'
March 20/74	4,690'	4,590'	60 sx - Felt at 4582'
March 20/74	3,316'	3,216'	60 sx - Felt at 3200'

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

Date	From – de	To – à	Remarks – Remarques

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

Date	From – de	To – à	Remarks – Remarques

DRILL STEM TESTS – ESSAIS AUX TIGES

No. – N°	Date	Formation	From – de	To – à	V.O. Mins. Vanne ouverte (minutes)	I.S.I. Mins. Première obturation (minutes)	F.S.I. Mins. Obturation définitive (minutes)	I.S.I.B.H.P. Pression de fond à la 1re obturation	F.S.I.B.H.P. Pression de fond à l'obturation définitive	I.F.B.H.P. Pression de fond au jaillissement	F.F.B.H.P. Pression de fond à l'écoulement définitif	L.H.P. Pression hydrostatique de début	F.H.P. Pression hydrostatique définitif	Remarks – Remarques
1	Mar. 7	Bear Rock	4,880'	5,060'	30	60	30	1385	1398	295	1396	2293	2290	Weak initial blow, decreasing to very weak on 5' preflow. No blow on main flow. Recovery - 30' Drilling Mud. (Plugged Tool)

ANALYSIS – ANALYSE

Lab. No. N° au laboratoire	Sample Échantillon	From – de	To – à	Source	Remarks – Remarques
		N/A			

PRESENT STATUS OF WELL / ÉTAT ACTUEL DU PUITS

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

Company Société: Aquitaine Company of Canada Ltd.

Signed by Signé par: G. Kuhn ele Chizelle

Title Titre: Drilling Superintendent

Date: June 12, 1974

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

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

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

Date	From — de	To — à	Remarks — Remarques
March 19/74	6,950'	6,750'	110 sx - no cement left in hole
March 20/74	6,800'	6,500'	160 sx - Felt at 6485'
March 20/74	4,690'	4,590'	60 sx - Felt at 4582'
March 20/74	3,316'	3,216'	60 sx - Felt at 3200'

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

Date	From — de	To — à	Remarks — Remarques

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

Date	From — de	To — à	Remarks — Remarques

DRILL STEM TESTS — ESSAIS AUX TIGES

No. — N°	Date	Formation	From — de	To — à	V.O. Mins. Vanne ouverte (minutes)	I.S.I. Mins. Première obturation (minutes)	F.S.I. Mins. Obturation définitive (minutes)	I.S.I.B.H.P. Pression de fond à la 1re obturation	F.S.I.B.H.P. Pression de fond à l'obturation définitive	I.F.B.H.P. Pression de fond au jaillissement	F.F.B.H.P. Pression de fond à l'écoulement définitif	L.H.P. Pression hydrostatique de début	F.H.P. Pression hydrostatique définitif	Remarks — Remarques
1	Mar. 7	Bear Rock	4,880'	5,060'	30	60	30	1385	1398	295	1396	2293	2290	Weak initial blow, decreasing to very weak on 5' preflow. No blow on main flow. Recovery - 30' Drilling Mud. (Plugged Tool)

ANALYSIS — ANALYSE

Lab. No. N° de laboratoire	Sample Echantillon	From — de	To — à	Source	Remarks — Remarques
		N/A			

PRESENT STATUS OF WELL / ETAT ACTUEL DU PUITS

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

Company Société: Aquitaine Company of Canada Ltd.

Signed by Signé par: G. Kuhn de Chizelle

Title Titre: Drilling Superintendent

Date: June 12, 1974

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

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

CANADA

Drilling Authority No. 710

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
APR 4 1974
YELLOWKNIFE, N.W.T.
OIL AND MINERAL DEVELOPMENT BRANCH

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: Aquit Silvan Plateau G-51

Location: Unit: G Section: 51 Grid: 64-00-125-15

Latitude: 63° 50' 21.93" Longitude: 125° 25' 04.33"

From Established Reference Marker: 300 G 51 64 00 125 150

Universal Well Location Reference: 63.83942° N Lat. 125.41787° W Long.

Permit No. 5382 Lease No.

Aquitaine Company of Canada Ltd.
(Permittee, Licencee, Lessee)

Date of commencement of proposed program: February 5, 1974

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at: N/A

Gas at: N/A

Water at: ---

Total Depth: 6,950' Date of last operations: March 22, 1974 at 8:00 a.m.

Present condition of well: Intermediate casing 9 5/8 set at 3,234'. Open hole 8 3/4 from 9 5/8 shoe to T.D..

CASING RECORD

	Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1.	20"	94 #	62'	62'	100 sx Oilwell	None
2.	13 3/8	54.5 #	415.89	412'	460 sx Oilwell+2% $CaCl_2$	None
3.	9 5/8	36 #	3234.38	3234'	420 sx Class G	None
4.						
5.						

PROPOSED ABANDONMENT PROGRAM

Plug No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
1	6800' - 6500'	Bear Rock	160	Felt at 6485'
2	4690' - 4590'	Bear Rock	50	Felt at 4582'
3	3316' - 3216'	Surface Casing	50	Felt at 3200'

The following logs have been run: DIL, BHC, SGR, FDC, SNP, HDT, Velocity Survey

Other operations proposed:

Operations to be carried out by: Guthrie McLaren Drilling Contractor Licence No. 10918

Address: 14630 - 119 Ave., EDMONTON, Alberta Address

Responsible Agent in field: D. Moore

Dated at: Calgary, Alberta this 2nd Day of April 19 74

Signed by: C. Kuhn de Chizelle Company: Aquitaine Company of Canada Ltd.

Title: Drilling Superintendant Operator's Exploratory Licence No. 2017

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

(For OIL AND MINERAL DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions: Confirming oral approval given by Mr. G. E. Blue on March 18/74. This approval included cutting off casing 3' below g.l., running 5-sack surface plug plus a welded plate and a well marker.

Dated April 5, 19 74

District Conservation Engineer

IAND 52-90-5 (7-71)

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

Voir au verso

Drilling Authority No. 710
Project No. .....

CANADA

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application for a Drilling Authority

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
CONSERVATION ENGINEER
SEP 7 1973
YELLOWKNIFE, N.W.T.
NORTHERN ECONOMIC DEVELOPMENT BRANCH

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 . Aquit Silvan Plateau G-51

Location: Unit ..... G ..... Section ..... 51 ..... Grid 64-00-125-15
Latitude . 63° 50' 21.93" ..... Longitude . 125° 25' 04.33" .....
Unique Well Identifier. . 300G516400125150 .....
Universal Well Location Reference. 63.83942° N. Lat. 125.41787° W. Long. .....

Elevation: Ground ..... 2706 ..... K.B. ..... 2720 (EST) ..... feet above sea-level.
Well is expected to produce from ..... Exploratory ..... formation at a depth
of about ..... 9500 ..... feet. Expected total final depth ..... 9500 .....
Area assigned to well .....
(for District Conservation Engineer's use only)

Permit No. .... 5382 ..... Lease No. ..... Acreage . . 56,332 .....
Permittee, licensee, or lessee . Aquitaine Company of Canada Ltd. .....
Explanatory Licence No. .. 2017 .....
Surface owned by Crown or ..... Crown .....
(If alienated submit name and address of owner and occupant.)

Petroleum and natural gas rights owned by .....
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	94	H40	New	60	200
2. 13 3/8	54.5	K55	New	400	560
3. 9 5/8	36	K55	New	3800	380
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment. HUME - 3500', LANDRY/MANETOE - 4150', ARNICA - 5200', SILURIAN - 9500' To be controlled with drilling fluid and blowout equipment consisting of an annular preventer and a double gate preventer
Well will be drilled with Rotary Rig No. 2 ..... by Guthrie McLaren Drilling Ltd.
(Drilling Contractor or company)

Responsible agent of applicant:—
At well. . D. Moore ..... Contractor's Business Licence No. . 10918 .....
Address 540 Fifth Ave. SW, Calgary . . At registered office. G. Kuhn de Chizelle .....
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Address 540 Fifth Ave. SW, Calgary .....
Dated at Calgary ..... this ..... 5th ..... day of ..... September 19 73
Signed by G. Kuhn de Chizelle ..... Company Aquitaine Company of Canada Ltd.
Title Drilling Superintendent ..... Operator's Licence No. ..... 2017 .....

(For Oil and Mineral Division use only)

APPROVED

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

Please see Conditions of Approval shown on the attached sheet.

Dated. November 19 ..... 19 73 .....
District Conservation Engineer

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

IAND 52-90-1 (7-71)

Voir au verso

TO BE ATTACHED TO AND MADE A PART OF DRILLING AUTHORITY NO. 710

FOR Aquit Silvan Plateau G-51 APPROVED Nov. 19, 1973.

CONDITIONS OF APPROVAL:

1. Copies of this Drilling Authority or Amendments to a Drilling Authority shall be exhibited at the drilling rig in both the Doghouse and the Drilling Foreman's office between spud and rig release dates.

2. The Company shall submit to this office, on Tuesday of each week/daily, the latest reports received 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 wastes shall be disposed of or contained in a manner that will prevent contamination of adjacent areas, or sub-surface waters.

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

5. Approval must be obtained from the District Conservation Engineer to run any casing or liners not approved on the Drilling Authority.

6. All shows of oil and/or gas, and water flows, or any unusual events shall 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 obtained from the District Conservation Engineer.

8. Two field print copies of all well logs and three copies of the core analyses and fluid analyses must be forwarded to the District Conservation Engineer as soon as they are available.

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

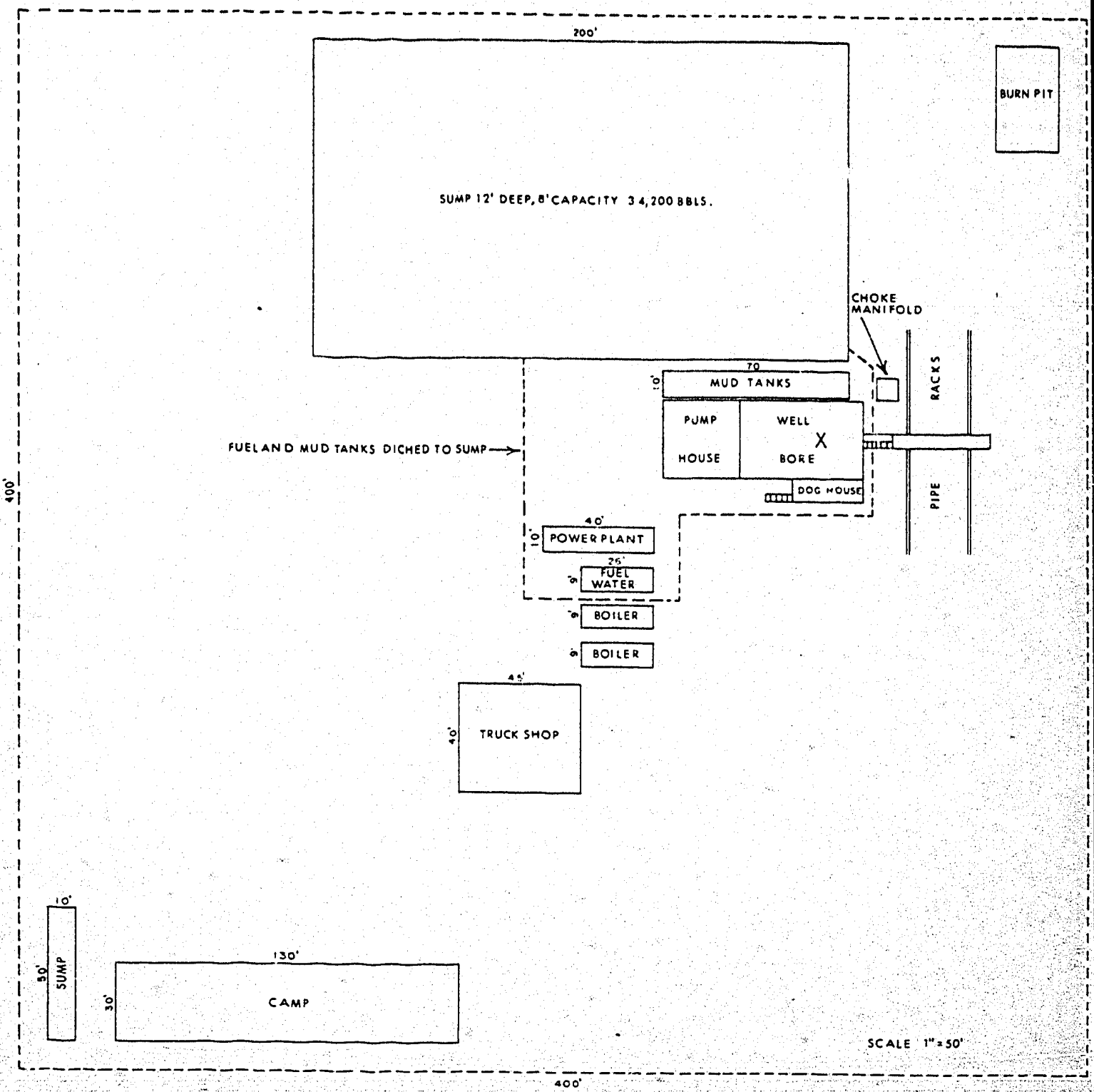
10. The District Conservation Engineer must be notified at least 24 hours before spudding the well.

11. Permission to drill beyond the approved final total depth MUST be obtained from the District Conservation Engineer.

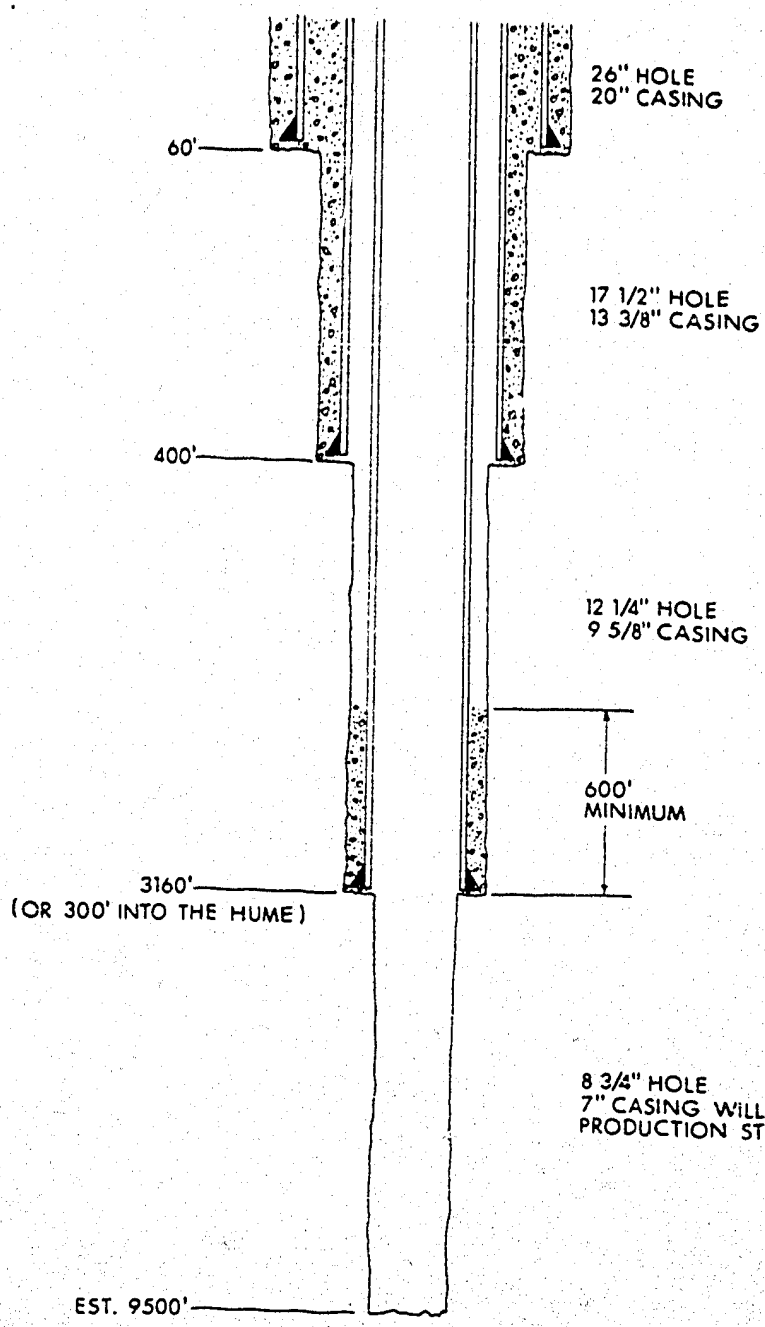
12. All drill cutting samples must be washed.

G.E. Blue,
District Conservation Engineer
District 2.

SITE PLAN-RIG LAYOUT
AQUIT. SYLVAN PLATEAU G51
G51-64-00-125-15



DOWNHOLE DIAGRAM
AQUIT. SYLVAIN PLATEAU G51
G51-64-00-125-15

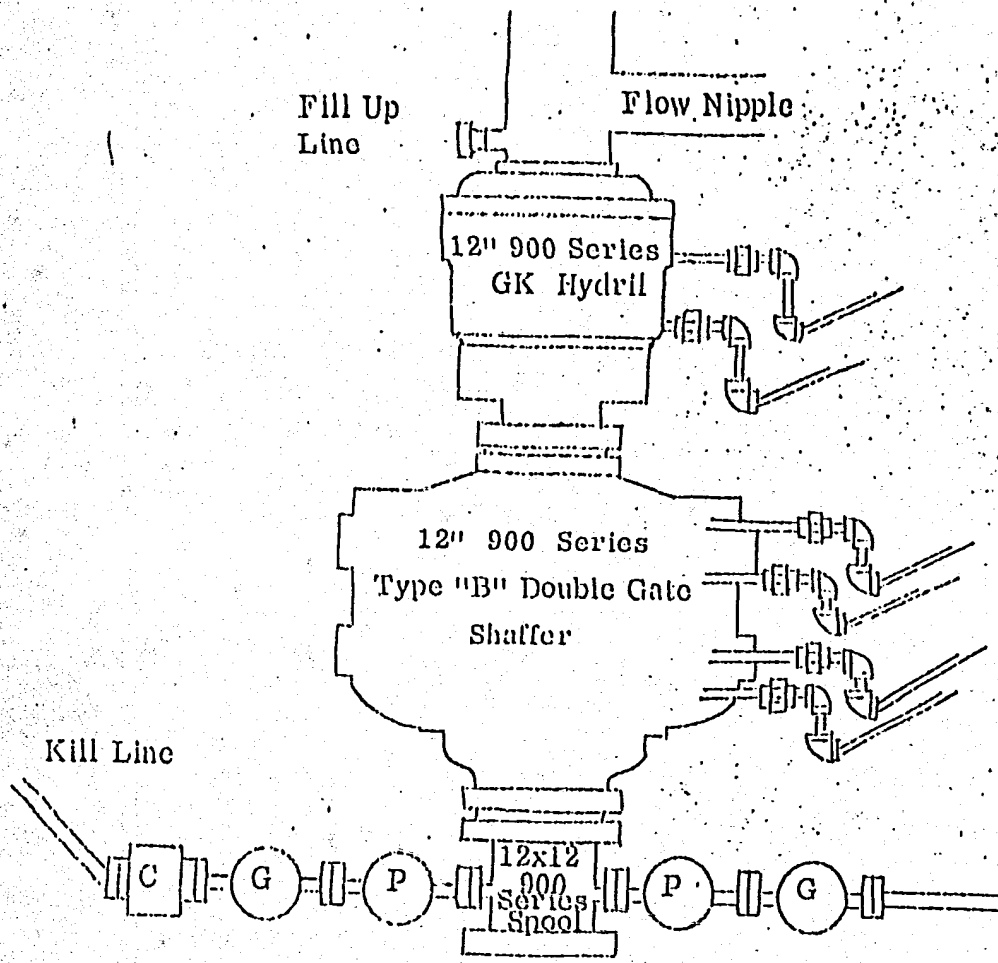


Rig 2 Blowout Preventer Equipment for Aquit Silvan Plateau G-51; 63° 50' N, 125° 24' W.

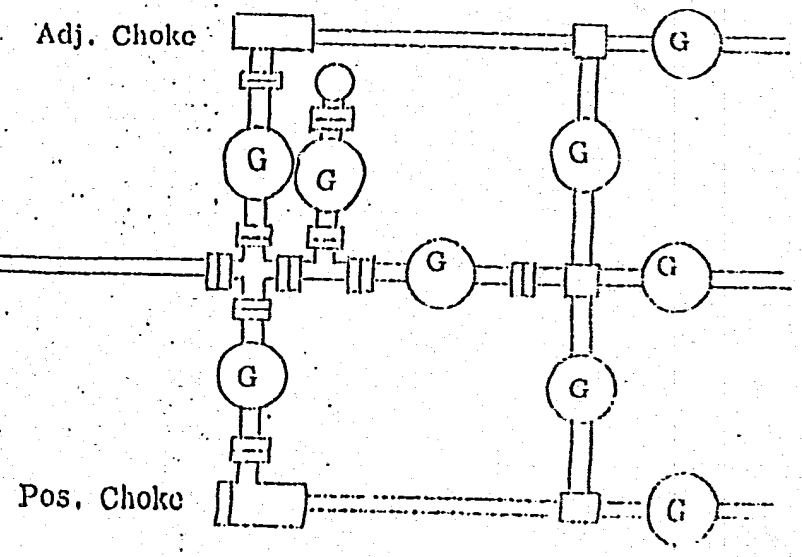
Accumulator: HB-17-K80. Capacity 80 Gallons.

Additional Closing: 2 Nitrogen Bottles
Baker Hand Pump

Remote Control: GK-H-3M3 Hydril Control Manifold.



Blowout Preventer Manifold Skid Mounted with Steam Coil



P Halliburton Low Torque Plug Valves 2" - 900 Series.

G WKM 2" - 900 Series Flanged Gate Valves.

C Cameron Check Valve 5000# WP.

AQUITAINE COMPANY
OF CANADA LTD.

PROGRAM AND PROGNOSIS

Aquit Silvan Plateau G-51 (64-00-125-15)

AFE #603

"TIGHT HOLE"

(A Datotek Voice Security System Will Be Used)

Location:	Latitude 63°50'21".93; Longitude 125°25'04".33
Selected Rig:	Guthrie McLaren #2 (Contractor Toolpusher: Les Sweezey)
Aquitaine Representative:	Don Moore
Ground Elevation:	2,706' (estimated)
K.B. Elevation:	2,720' (estimated)

Geological Prognosis

Formations	Total Vertical Depth	Lithologic Description
Hume	3,160'	Limestone
Landry/Manetoe	3,810'	Limestone and Dolomite
Arnica	3,860'	Dolomite, Scattered Anhydrite
Silurian/Ordovician	9,160'	

Program

1. Drilling Recorder

Use 2 pen recorder to record: penetration rate and weight.

Fill out each chart heading and note depths at connections, sample points and trips. It is the responsibility of the Contractor to insure that the recorder is functioning properly at all times.

2. Samples

Contractor is responsible for catching samples over the intervals and in a manner specified by Aquitaine representative.

Rig to have sample catcher installed at shaker; steam connections required to prevent freezing.

It will be the responsibility of the Geological Supervisor at the wellsite to assure the proper handling of the samples and shipment to Calgary and the D.I.A.N.D. This office is to be advised of the date, manner of shipment and arrival at destination of the samples. Advice of shipment details to be included in daily reports.

Aquitaine Requirement: From surface to total depth.
1 set 10 foot intervals unwashed samples in bags.
1 set 10 foot intervals washed samples in vials.

D.I.A.N.D. Board Requirement: As per well licence.
From surface to total depth.
1 set 10' intervals unwashed samples in bags.

Partner Requirement: N/A.

3. Mud Program (See detailed mud program)

Gel/Water for surface hole.
Gel/Benex/Water for intermediate hole.
Water - since only carbonates are present, water will be used unless pressures dictate a higher mud weight.

Severe lost circulation problems have occured in this area in the Hume and also in the deeper carbonate formations, losses may also occur in the shales above the Hume. The casing program will provide flexibility to case off last circulation horizons and lost circulation material will be on hand.

4. Deviation Surveys

Maximum deviation expected is 15°.

Surface Hole: Survey frequently - a maximum of 100' intervals - additional surveys if hole appears to be deviating rapidly. Control angle change so as not to exceed 1° at casing setting depth.

Intermediate Hole: Surveys - same recommendations as above. Do not exceed 4° deviation - maximum change of 1-1/2° for 100'.

Main Hole: Maximum change of 1-1/2° for 100'. Stabilized assembly will be used if necessary.

.... 3

5. Conductor Hole: 26" to 60'.

6. Conductor Pipe: 20", H40, 94#/ft.

Cement to surface with 200 cu. ft. of Oilwell Cement.

7. Surface Hole: 17-1/2" to 400'.

8. Surface Casing: 13-3/8", K-55, 54.5#/ft., ST&C.

Cement to surface with 560 sacks of Oilwell Cement. This will provide 100% excess assuming gauge hole.

9. Intermediate Hole: 12-1/4" to 3,160' or 300' into the Hume.

The lithology from surface to the Hume at 3,160' is shale, the Hume is limestone.

10. Intermediate Casing: 9-5/8", K55, 36#/ft., ST&C.

Cement to 300' above the Hume with 380 sacks of Oilwell Cement. This volume will provide 100% excess assuming gauge hole.

11. Main Hole: Drill 8-3/4" hole to total depth (9,500').

The Landry/Manetoe at 3,810' is limestone and dolomite. The Arnica at 3,860' is dolomite and scattered anhydrite and the Silurian at 9,160' is dolomite.

12. Coring:

Possibly four 20' cores will be taken for stratigraphic purposes in the Middle, Devonian and/or Silurian - Ordovician carbonates, at the discretion of the wellsite geologist. A full core barrel should be taken following any positive Drill Stem Test. Core barrel = 5-3/4" x 3-1/2"; Corehead = 6-3/16" x 3-1/2".

13. Logging:

The following logs are required: DIL, BHC-GRS, CNL, FDC. A Dipmeter and Velocity Survey are also required.

14. Testing:

Drill stem test will be run during the drilling program of the well at the discretion of the wellsite geologist. However, no tests will be run in the portion of the well with 12-1/4" size hole until after the well has been drilled to total depth and logged.

.... 4

15. Service Companies:

Degasser, Desilter:	Drilco
Cementing:	Guthrie McLaren
Mud:	Milchem, Canada Ltd. - will furnish mud products
Coring:	Dy-Drill Ltd.
Testing:	Lynes United Services Ltd.
Fluid and Gas Analysis:	Core Lab
Core Analysis:	Core Lab
Logging:	Schlumberger
Mud Logging:	Geoservices
Stabilization:	Guthrie McLaren - Drilco
Directional Surveys:	N/A
D.I.A.N.D.:	P.O. Box 1500, Yellowknife N.W.T. Phone: 873-4421 Mr. G.E. Blue - District Conservation Engineer.

16. Completion:

A detailed completion or abandonment program will be prepared when required.

Weekend and After Hour Reports

Drilling

G. Kuhn de Chizelle	Office:	267-9388	Res.:	243-7134
Ralph Bullen	Office:	267-9406	Res.:	271-1731
Pierre Pouvreau	Office:	267-9299	Res.:	255-8290
Jim Brinker	Office:	267-9391	Res.:	271-2793
Bill Sawotin	Office:	267-9355	Res.:	271-0980

Exploration

Albert Jacobs	Office:	267-9342	Res.:	244-3402

PP/jj

November 14/73

673-11-01-071

WELL HISTORY

Aquit Silvan Plateau G-51

April 1974

AQUITAINE COMPANY
OF CANADA LTD.

WELL HISTORY REPORT

Aquit Silvan Plateau G-51

TABLE OF CONTENTS

SECTION I	Summary of Well Data
SECTION II	Geological Summary
SECTION III	Engineering Summary
SECTION IV	Logs
SECTION V	Analyses - N/A
SECTION VI	Completion Summary - N/A

AQUITAINE COMPANY
OF CANADA LTD.

WELL AUTHORIZATION: #710

673-11-01-071

WELL HISTORY

Aquit Silvan Plateau G-51

COMPLIED BY:

P. Pouvreau

SUBMITTED BY:

G. Kuhn de Chizelle
Drilling Superintendent

DATE: April 25th, 1974

SECTION I

AQUITAINE COMPANY
OF CANADA LTD.

WELL HISTORY REPORT

Aquit Silvan Plateau G-51

SECTION I - Summary of Well Data

(a) Well Name and Number: Aquit Silvan Plateau G-51

(b) Permitter: Aquitaine Company of Canada Ltd.

(c) Operator: Aquitaine Company of Canada Ltd.
540 - 5th Avenue S.W.
CALGARY, Alberta
T2P 0M4

(d) Location: G-51-64-00-125-15

(e) Coordinates: Latitude 63°50'21.93"; Longitude 125°25'04.33"

Universal Well Location Reference: 63.83942° N Lat.
125.41787° W Long.

Unique Well Identifier: 300G516400125150

(f) Permit No.: 5382

(g) Drilling Contractor: Guthrie McLaren Drilling Ltd.
Rig #2
Rotary Rig

(h) Drilling Authority: Number: 710
Date Issued: November 19, 1973

(i) Classification: Wildcat

(j) Elevations: Ground: 2,658'
K.B.: 2,672'

(k) Spudded: February 5, 1974

(l) Completed Drilling: March 15, 1974

(m) Total Depth: 6,950' Driller
6,948' Logger

(n) Well Status: Dry and Abandoned

(o) Rig Release: March 22, 1974

(p) Hole Sizes: 17-1/2" to 412'; 12-1/4" to 3,266'; 8-3/4" to 6,950'

(q) Casing Sizes and Setting Depths: 20" to 62'; 13-3/8" to 412';
9-5/8" to 3,258'

SECTION II

AQUITAINE COMPANY
OF CANADA LTD.

WELL HISTORY REPORT

Aquit Silvan Plateau G-51

SECTION II - Geological Summary

(a) Formation Tops

(b) Cored Intervals - N/A

(c) Core Descriptions - N/A

(d) Sample Descriptions

FORM 5157-1

GEOLOGICAL MARKER REPORT

AQUITAINE
COMPANY OF CANADA LTD.

WELL NAME AQUIT SILVAN PLATEAU G-51

LOCATION G-51-64-00-125-15 K.B 2672

FORMATION/MARKER	FROM PROGNOSIS	FROM SAMPLES	FROM LOG	SUBSEA
Spud in Fort Simpson				
Canol	---	1880	1877	795
Hare Indian	---	2595	2729	-57
Gayna River	---		2864	-192
Hume	3160	3075	3064	-392
Headless	---	3745	3745	-1073
Landry	3810	3985	4004	-1332
Bear Rock	4860	4642	4680	-2008

REMARKS

FORM 5157 - 1

GEOLOGICAL MARKER REPORT

AQUITAINE
COMPANY OF CANADA LTD.

WELL NAME AQUIT SILVAN PLATEAU G-51

LOCATION G-51-64-00-125-15 K.B 2672

FORMATION / MARKER	FROM PROGNOSIS	FROM SAMPLES	FROM LOG	SUBSEA
Spud in Fort Simpson				
Canol	---	1880	1877	795
Hare Indian	---	2595	2729	-57
Gayna River	---		2864	-192
Hume	3160	3075	3064	-392
Headless	---	3745	3745	-1073
Landry	3810	3985	4004	-1332
Bear Rock	4860	4642	4680	-2008

REMARKS

GEOLOGICAL SAMPLE DESCRIPTION Sheet No. 1

From	To	Core C Ditch D	No. of Ft. Porous	No. of Ft. Non-Porous	Showings O.G.W.	
14	30?	D		16		Bldr Cly: sh bldrs in cly mtx (exposed in sump).
						FT SIMPSON
30?	90			60		Sh: gy, micromic, in s pt slty, tr intbd Slst, arg, sil.
90	580			490		Sh: gy-dk gy, micromic; mnr intbd Ss/Slst, gy arg, sl pyr 260-70; grdg to Slst gy, arg, sil, micromic 270-80, 290-300, 370-400, 500-20 & 530-40.
580	910			330		Sh: a/a bcm dk gy; intlam Slst a/a 700-20, in s pt wh-subvit 710-20; mnr Slst lt gy wh, sil 770-80, 810-20; intlam Slst gy, arg, sil 900-10.
910	960			50		Slst: gy, sil, arg-shy.
960	1790			830		Sh: a/a dk gy, micromic; in s pt slty 1020-50, 1040-60, 1270-80, 1530-40; tr Slst, gy, arg, sil 1310-20; tr nod Pyr 1580-90; mnr intbds Slst gy, arg, sil 1750-90.
1790	1880			90	G	Slst: gy arg, sil, micromic, w/intlam Sh dk gy, slty; mnr Sh a/a; tr sh gas 1805-1880.
						CANOL
1880	1890			10		Sh & Slst: a/a; mnr Sh: blk, micropyritic.
1890	1900			10	G	Sh: blk, micropyritic, v hard; mnr Slst a/a; tr sh gas (0.1% C. @ 1890).
1900	1920	D				Slst: dk gy blk to blk, ?bit or ?graphitic, micromic, sil, v hard, in pt sl calc; mnr sh, blk, a/a.
1920	2110		25	65	G	Sh: a/a blk, ?bit or ?graphitic, pyritic & micropyritic, in pt v hard, in pt sl slty 2100-10 (Trip Spl), in pt apparently fractured w/gas showing 1920-40 (0.2% C_1), 1960-65 (0.2% C_1).

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 100 FT. PER MIN.

(Delete as Appropriate)

GEOLOGICAL SAMPLE DESCRIPTION Sheet No. 2

From	To	Core C Ditch D	No. of Ft. Porous	No. of Ft. Non-Porous	Showings O.G.W.	
2110	2130			20		Slst: gy-blkish, arg, sil, micropyritic, w/sh a/a.
2130	2150			20		Sh: a/a w/tr bedded pyr & tr vein qtz.
2150	2200		20	30	G	Slst: a/a intbd w/Sh a/a, some mud lossed to formation, gas show (0.2% C_1) 2180-2200 from ?fractured sh.
2200	2590		?150	240	G	Sh: a/a blk, pyr & micropyr, in pt v hard (harder than steel probe), in pt fractured w/tr qtz veining in 2240, 2260 (in pt mnrl w/pyr) & 2280 spls & qtz xst lining fract in 2440 spl. Gas showings @ 2245 (0.4% C_1) 2280 & 2297 (0.75% C_1), 2305 & 2327 (1% C_1) 2356 (1.5% C_1) - chromatograph out 2360-2520-2370 (5% total), 2396 (7.5% total), 2425 (17.5% total), 2435 & 2460 (15% total), 2475 (8% total), 2490 (9.5% total) - chromatograph repaired @ 2510-2520 (8% C_1), 2535 (2% C_1), 2565 (4.4% C_1) & 2590 (1.5% C_1) Note: Lossed mud increasingly thro'out interval - 20 bbls/hr @ 2500' & lost circulation completely @ 2590'.
2590	2760	D	170			Sh: a/a blk, in pt micropyritic & pyritic; tr Sh: dk gy w/needles of micropyrite 2590-2600; tr Slst: dk gy, sil, arg grdg to Sh gy, sil 2600-40 bcm abnt in 2630 spl; tr Sh: gy-dk gy, micromic 2640-60; tr Slst: dk gy, arg, sil, micropyr 2670-80 & 2700-10; tr Slst: gy, arg, sil, micromic 2730-40 & 2750-60; tr Sh: gy, micromic 2730-50. (Note shale shaker bypassed to control lost circulation from 2590-2755 - samples may in pt be recycled & gas shows could not be detected).

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 100 FT. PER MIN.

(Delete as Appropriate)

GEOLOGICAL SAMPLE DESCRIPTION — Sheet No. 3

From	To	Core C Dith D	No. of Ft. Porous	No. of Ft. Non-Porous	Samples O.G.W.		
							HARE INDIAN
2760	3070			310	G	Sh:	blk, sft, flaky-fis, sl pyr & micropyritic in pt. bcm hard, v bit, sl calc 2890-3000, bcm v bit calc with wh specs (fos?) 3000-3070; mnr Slst: gy-dk gy, arg, sil 2940-50; tr Slst gy, sil, arg 3030-40 & bcm v slty, calc 3050-70. Gas peaks @ 2785 (3.5% C_1), 2805 (1.5% C_1) 2830 (0.8% C_1), 2890 (2.2% C_1), 2915 (3.6% C_1) 2930 (4% C_1), 2960 (1.4% C_1), 2975 (8.3% C_1) 2995 (1% C_1).
							HUME
3070	3330	D		260	G	Ls:	dk gy blkish, litho, sl bit residue; brach & crin 3070-80; vein calcite with qtz xst & calcite veining 3100-10; tr vein calcite 3200-10; sl micropyr 3220-30; tr sh dk gy, calc 3270-80. Gas peaks - 3080 (3.5% C_1). 3100 (1.4% C_1), 3130 & 3143 (0.5% C_1). Skaker bypassed 3150-3265.
3330	3690			360		Ls:	a/a bcm dk gy, sl arg; tr sh dk gy, calc 3340-50, 3360-70; mnr sh a/a 3400-10; intbd sh a/a 3450-60; tr crin 3460-70; tr sh a/a 3500-10; bcm sl dol 3510-30; tr crin 3510-20; tr brach 3520-30; tr sh a/a 3530-40; tr brach & ost 3580-90; mnr sh a/a 3590-3610 & 3620-40; bcm arg-shy 3600-10; sl dol 3610-20 & 3640-50; tr crin 3510-20; fas w/brach 3640-50; mnr sh a/a 3660-70.
3690	3750			60		Ls:	a/a bcm gy-dk gy, sl arg, sl slty, sl crinoidal.

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 1.00 FT. PER MIN.

(Delete as Appropriate)

GEOLOGICAL SAMPLE DESCRIPTION Sheet No. 4

From	To	Core & Ditch D	No. of Ft. Porous	No. of Ft. Non-Porous	Shows O.G.W.	
						HEADLESS
3750	3790			40		Sh: dk gy, v calc; grdg to Ls dk gy, sl arg 3780-90.
3790	3800			10		Ls: dk gy, sl arg, sl crinoidal-litho.
3800	3860	D		60		Sh: dk gy-gy, calc, micromic, grdg to Ls dk gy, shy 3820-30 & 3850-60.
3860	3870			10		Ls: dk brnish gy, v arg, pyr, in pt slty.
3870	3880			10		Sh: blk, bit, v calc.
3880	3900			20		Sh: dk gy, v calc, grdg to Ls dk gy, arg 3880-90.
3900	3920			20		Ls: dk gy blkish, bit.
3920	3930			10		Sh: blk, bit, v calc grdg to mnr Ls, dk gy.
3930	3950			20		Sh: dk gy, calc.
3950	3960			10		Sh: blk, bit, v calc.
3960	3970			10		Ls: dk gy, v arg.
3970	3980			10		Sh: blk a/a.
						LANDRY
3980	4460	D		480		Ls: blk, v bit, litho, in pt sl dol, in pt dk gy blk; pel, w/mnr intbd Sh blk, bit, v calc; Ls, finely pel 3970-80, 3910-30, 3940-50, 3965-70, 3980-4100 (in s pt v finely pel) 4125-30, 4160-70, 4265-70, 4365-70, 4395-4405 (v finely pel), 4410-15 (in pt med pel), 4435-40 & 4445-50; Ls, sl dol 4010-20, 4080-90, 4200-10 & 4380-4410; in pt Ls, gy, arg, litho 4180-90; in pt Sh, micropyr 4220-30; Ls bcm dk gy blk, bit, arg, litho 4280-4310; Ls bcm dk

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 100 FT. PER MAN.

(Delete as Appropriate)

From	To	Core & Ditch D	No. of Ft. Porous	No. of Ft. Non-Porous	Showings O.G.W.	GEOLOGICAL SAMPLE DESCRIPTION — Sheet No. 5
						gy v arg 4310-60; in pt Ls gy, litho 4390-4400; in pt Ls, dk brnish gy, litho 4450-60; tr Ost 4010-20, 4050-60 & 4430-40.
4460	4470			10		Ls: dk brnish gy, birdseye litho, in pt algal-pel.
4470	4480			10		Ls: a/a bcm brnish gy, tr Ost.
4480	4500			20		Ls: dk gy, dol, in pt finely pyr, 4490-4500.
4500	4510			10		Ls: gy-dk gy, v arg, sl dol.
4510	4520			10		Ls: gy-dk gy, arg, sl dol, finely pyr.
4520	4640		-	120		Ls: blk, v bit, sl dol w/calcite birdseyes; in pt finely pel 4520-30 & 4610-20; v shy 4530-40 & 4630-40; tr slickensides 4540-50; tr pyr 4600-10.
4640	4670	D		30		Ls: dk gy, arg-bit, litho, w/birdseyes calcite 4660-70.
						BEAR ROCK
4670	5490	D		820		Ls: dk gy, in pt gy & dk gy blk, litho to sl microx, v sl dol, sl bit or sl arg; grdg to Dol, microx, sl calc 4710-4830 & 4990-5010; bcm in pt med pel, v dol 4790-4800 & 5260-70; sl chty (cht, wh-subtranslucent) in 4680, 4740, 4840 & 5290 spls; tr sul xst & sul lined fract 4970-5050 & 5270-80 w/sul xst fairly abnt in 5050 & 5490 spls: abnt gypsum xst in 4970 spl. Colour of Ls appears to vary from dk gy 4670-4730, gy-dk gy 4730-50, dk gy 4750-4800, dk gy blk 4800-4910, dk gy 4910-40, gy-dk gy 4940-5030, dk gy 5030-80, dk gy blk 5080-5170 & dk gy 5170-5490. Note: Drying Spls have objectionable fusty (not sulphurous) odour 4670-4740.
						Anhy: lt gy tn, cryptox, in most pt rexst & powdered by drilling & partially dissolved

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 100 FT. PER MIN.

(Delete as Appropriate)

From	To	Core C Ditch D	No. of Ft. Porous	No. of Ft. Non-Porous	Showings O.G.W.	GEOLOGICAL SAMPLE DESCRIPTION	Sheet No. 6
						in drilling mud (converted to drilling w/water @ 5306'). Content of Anhy varies: tr Anhy 4670-80, 10% 4680-4730, 30% 4730-40, 10-5% 4740-90, tr 4790-4800, 10% 4800-30, 20-25% 4830-4920, 35-40% 4920-40, 55% 4940-50, 20% 4950-60, 30% 4960-70, 60% 4970-80, 40% 4980-90, 30% 4990-5010, 40-50% 5010-20, 10% 5020-30, 20-25% 5040-60, 30-40% 5060-80, 15-20% 5080-5110, 40% 5110-20, 30% 5120-40, 45% 5140-50, 25% 5150-60, 50% 5160-70, 25% 5170-80, 35-40% 5180-5210, 20-25% 5210-30, 50% 5230-50, 15% 5250-70, 40-50% 5270-5320, 25-30% 5320-80, 50% 5380-5400, 20% 5400-20, 50% 5420-30, 5-10% 5430-90. (Measurements by Calcimetry).
5490	5580	D		90		Dol:	dk gy blk, microx, sl bit, sl calc (15-20% increasing to 40% 5560-80).
5580	5590			10		Anhy:	a/a (60% of spl) w/Dol & Ls a/a.
5590	5690			100		Ls:	dk gy, bcm dk gy blk 5620-80 & in pt wh 5680-90, litho-sl microx, sl dol (5-10%).
5690	5720			30		Dol:	dk gy blk, microx, in pt vf x, calc (35%).
5720	5740			20		Ls:	dk gy blk, litho-sl microx, sl dol (10%).
5740	5860			120		Dol:	gy-dk gy, bcm dk gy 5800-60, calc (20-40% in pt due to mnr Ls a/a), microx, w/mnr Anhy (?15%), tr cht & sul xst in 5780 spl. & Anhy 10% 5830-60.
5860	5890			30		Dol:	dk gy blk, sl bit, vf x.
5890	5910			20		Anhy:	(25%?) w/Dol a/a bcm microx.

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 100 FT. PER MIN.

(Delete as Appropriate)

GEOLOGICAL SAMPLE DESCRIPTION — Sheet No. 7

From	To	Core C Dith D	No. of Ft. Porous	No. of Ft. Non-Porous	Showings O.G.W.	
5910	5970			60		Dol: dk gy, microx, v sl bit or arg, calc, grdg in pt to Ls a/a, mnr Anhy (15%?) in 5970 spl.
5970	5990			20		Dol: dk gy, microx, in s pt vf x.
5990	6100	?	20	90		Dol: dk gy blk, micro-vf x, tr qtz xst vug lining 6000 & 6100 spls, tr vug linings 6010 spl, tr Ix por, 6020, 6060, 6080 & 6100 spls; tr frac w/sul xst 6090 spl, Anhy (25%) 6040 spl.
6100	6250	D	?10	140		Dol: gy-dk gy microx, sl anhydritic, sl calc, bcm in pt vf x 6150 spl, dk gy vf x w/tr Ix por 6160 spl & in pt vf x tr qtz vug lining 6180 spl; Anhy increasing from 5-10% to 15% 6130-50, 20-25% 6180-6210, 30% 6210-20 & 20% 6230-40.
6250	6330			80		Dol: gy, microx, in pt vf x 6270-6300 spls, tr frac w/sul xst 6280 spl.
6330	6380		20	30		Dol: gy, vf x, tr fair Ix por, bcm microx dense 6350-60.
6380	6400			20		Dol: gy microx, anhydritic w/20% Anhy in 6390 spl.
6400	6480		?10	70		Dol: gy, bcm gy-lt gy 6460-80, microx-vf x, tr Ix por, tr ?vug linings 6480 spl, Ahny 15-20% 6410-30 & 6460-70.
6480	6530		?10	50		Dol: a/a/Dol, (30%) lt gy wh, f x, in pt poor-fair Ix or vuggy por.
6530	6600			70		Dol: gy microx, in s pt vf x, sl calc, w/15-20% Anhy.
6600	6650		?10	40		Dol: gy, micro-vf x, sl calc, w/tr pp & Ix por & tr qtz xst vug lining 6610 spl.
6650	6810			170		Dol: gy, microx, sl calc w/Anhy, 20% 6660-80, 10% 6680-6710, 25-30% 6710-50 & 20% 6760-6810.
6810	6840	D	?20			Dol: lt gy-dk gy blk, f x-micro, tr frac surfaces, tr vug lining, tr pp & Ix por. Lost drilling fluid to formation & biff. stuck in hole @ 6825'.

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 100 FT. PER MIN.

(Delete as Appropriate)

GEOLOGICAL SAMPLE DESCRIPTION — Sheet No. 8

From	To	Core C Ditch D	No. of Ft. Porous	No. of Ft. Non-Porous	Showings O.G.W.	GEOLOGICAL SAMPLE DESCRIPTION
6840	6900		?30	30		Dol: gy, microx, in pt vf x, tr vug linings, tr pp & tr Ix por; Anhy content increasing from 15 to 25% 6850-6900.
6900	6950		?			No Spls - Lost circulation completely @ 6911. Differentially stuck @ 6933 & 6943.

SAMPLES NOT LAGGED

SAMPLES LAGGED AT 100 FT. PER MIN.

(Delete as Appropriate)

SECTION III

AQUITAINE COMPANY
OF CANADA LTD.

WELL HISTORY REPORT

Aquit Silvan Plateau G-51

SECTION III - Engineering Summary

(a) Report of Drill Stem Test - DST #1

(b) Casing Record

(c) Bit Record

(d) Bit Hydraulics

(e) Mud Report

(f) Deviation Record

(g) Abandonment Report

(h) Lost Circulation Zones

(i) Report of Blowouts: N/A

FORM 5109-2

DRILLSTEM TEST DATA SHEET

AQUITAINE COMPANY OF CANADA LTD.

TEST NO. ONE

DATE March 7, 1974

WELL NAME Aquit Silvan Plateau G-51 LOCATION G-51-64-00-125-15

TEST DATA:

INTERVAL 4,880' - 5,060' SUB-SEA FORMATION Bear Rock

BLOW: (Describe) Very weak air blow on preflow. No blow when tool opened for final flow.

Gas to Surface ..... Mins. Max. Rate (Measure) ..... (Est.) ..... Mcf/day

Describe Gas: Sweet ..... Sour ..... Was Flare Lit ----

Describe Build-up, etc.

FLUID TO SURFACE: (Record Times & Describe Fluid)

RECOVERY: (Record amount & whether Gassy, Salty, Fresh, Sulphurous, Etc.)

Mud: 30' drilling mud

Water: ----

Oil: ----

Remarks: (Special Samples, Sampling Points, Samples Retained, Etc.)

RECORD OF FIELD PRESSURES AND TIMES:

Started in Hole	0700		Out of Hole	1600	
Initial Hydrostatic			Pressure	2293	psi.
Valve Open (Initial)	5	Mins.	Pressure	295	psi.
Initial Shut-in	60	Mins.	Pressure	1385	psi.
Valve Open	30	Mins.	Pressure (inifial)	1385 (final)	1396 psi.
Final Shut-in	30	Mins.	Pressure	1398	psi.
Final Hydrostatic			Pressure	2290	psi.

Temperature 89 Recorders No. 2835 Depth 4899 No. ..... Depth ..... No. ..... Depth .....

Remarks

HOLE DATA:

Hole Size & Depth 8 3/4 5,060' Mud: Wt. 8.9 Visc. 44 W.L. 12

TESTING EQUIPMENT:

Testing Co. Lynes Ticket No. 9212

Packer(s): No 2 Size 7 1/2 Choke (B.H.) 5/8"

Drill Pipe Size: 4 1/2 16.6# Drill Collars: Amit 18 x 6½" I.D. 2 7/8

Recorders: (No. & Type)

Special Equipment: (Underline) MFE Tool, Jars, Safety Joint, Pump Out, Sub, Straddle By-Pass, Etc.

REMARKS ON TEST: (Misrun, Disposition of Samples - Charts, Hole Problems, etc.)

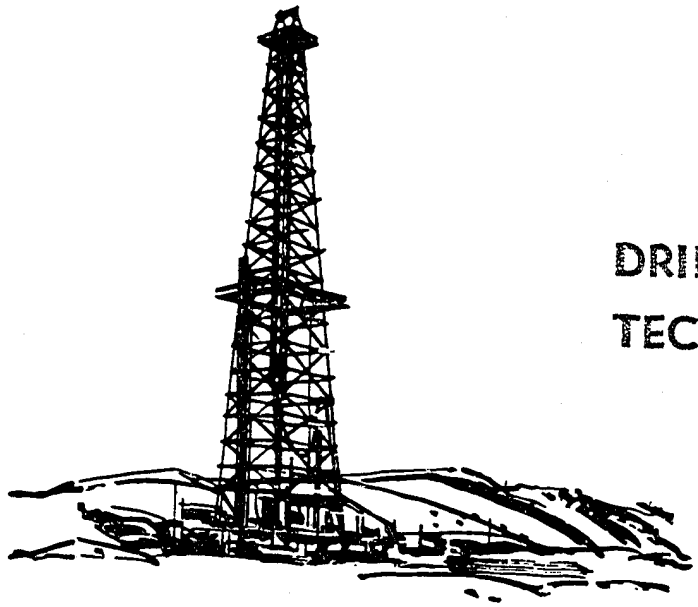
Plugged Tool.

COMPANY REPRESENTATIVE .....

LYNES

BRIGHT NAME IN THE OIL PATCH

Inflatable and Conventional Packer Tools



DRILL STEM TEST
TECHNICAL SERVICE REPORT

LYNES UNITED SERVICES LTD.

TEST DATA						GENERAL INFORMATION			
Test No.	1	Lynes Test	1						
Formation	Bear Rock	T.D.	5060	Ft.		Company	Aquitaine Co. of Canada Ltd.		
Interval Tested	4880	Ft. to	5060	Ft.		Address			
Interval Tested	180 Ft.	Net Pay Tested		Ft.					
Type of Test	Bottom Hole Conventional								
Cushion		Amount		Ft.		Well Name	Aquit Silvan Plateau		
Started in Hole at	0700 Hrs.	Tool Open at	1055	Hrs.		Well Number	G-51		
Pre-Flow	5 Mins.	Initial Shut-in	60	Mins.		K.B. Elevation	2720	Sub-Sea Elevation	
2nd Flow	Mins.	Second Shut-in		Mins.		Area	Wildcat	Province	N.W.T.
Final Flow	30 Mins.	Final Shut-in	30	Mins.		Company Rep.	Don Moore		
Remarks:						Tester	Pat Morton		
						Contractor	Guthrie McLaren	Rig No.	2
Blow: Very weak air blow on preflow. No blow when tool opened for final flow.						Ticket No.	9212	Date	March 7, 1974
						Service Reports To:	5 - above Att'n Bill Sawotin		

GAS BLOW MEASUREMENTS

Measured with: No gas to surface

Time	Surface Choke	Reading Inches	Cubic Feet/Day

MUD AND HOLE DATA

Mud Type	Gel Chem				
Weight	8.9	Viscosity	44	Water Loss	12
Filter Cake	2/32	Bottom Hole Temperature	89		
Drill Pipe Size	4½			Weight	16.6
Drill Collars	6¼"	I.D.	2 7/8	Feet Run	542.87
Main Hole or Casing Size	8¾				
Rathole or Liner Size				No. of Feet	
Bottom Hole Choke Size	5/8				
Surface Choke Size	1"				
Packer Rubber Size	7⅞				

REMARKS

Plugged tool.

RECOVERY

TOTAL FLUID RECOVERED 30 Ft. Consisting of:

30 Ft. of Mud
Ft. of
Ft. of
Ft. of

Test was/was not Reverse Circulated: was not

Oil Recovery A.P.I. | Water Specific Gravity: fresh

Salinity

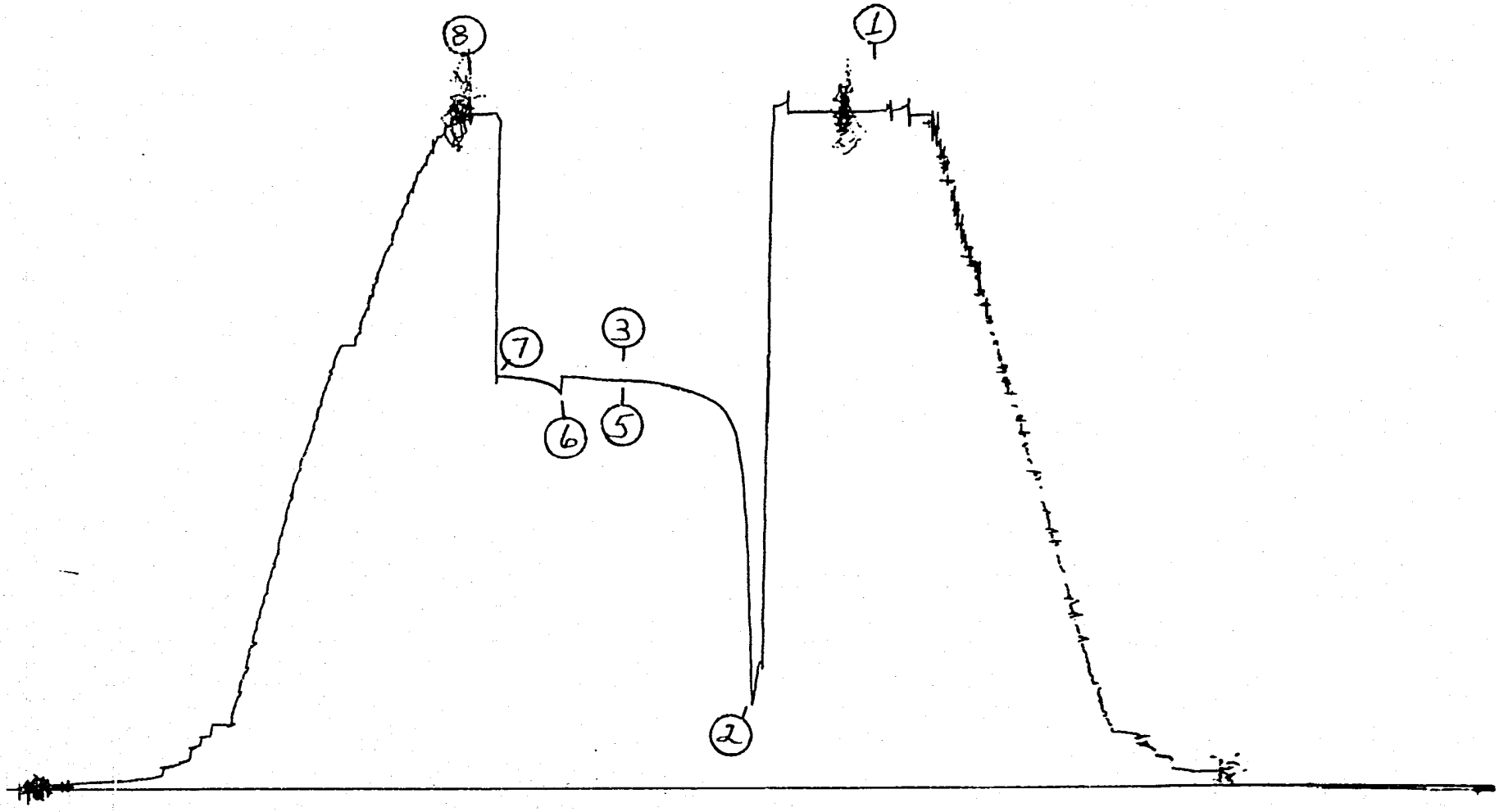
PRESSURE READINGS

	Inside X Outside	Inside Outside X	Inside Outside X	Inside Outside
Recorder No.	909	8870	2835	
Capacity	4000	4300	5400	
Depth	4859	4894	4899	
1 - INITIAL HYDROSTATIC	2273	2286	2293	
2 - PRE-FLOW	252	292	295	
3 - INITIAL SHUT-IN	1370	1392	1385	
4a - 2nd INITIAL FLOW				
4b - 2nd FINAL FLOW				
4c - 2nd SHUT-IN				
5 - 3rd INITIAL FLOW	1370	1392	1385	
6 - FINAL FLOW	1385	1405	1396	
7 - FINAL SHUT-IN	1385	1410	1398	
8 - FINAL HYDROSTATIC	2272	2285	2290	

Company: Aquitaine Co. of Canada Ltd.
Well Name and Description: Aquit Silvan Plateau G-51
Test No.: 1
Date of Test: March 7, 1974

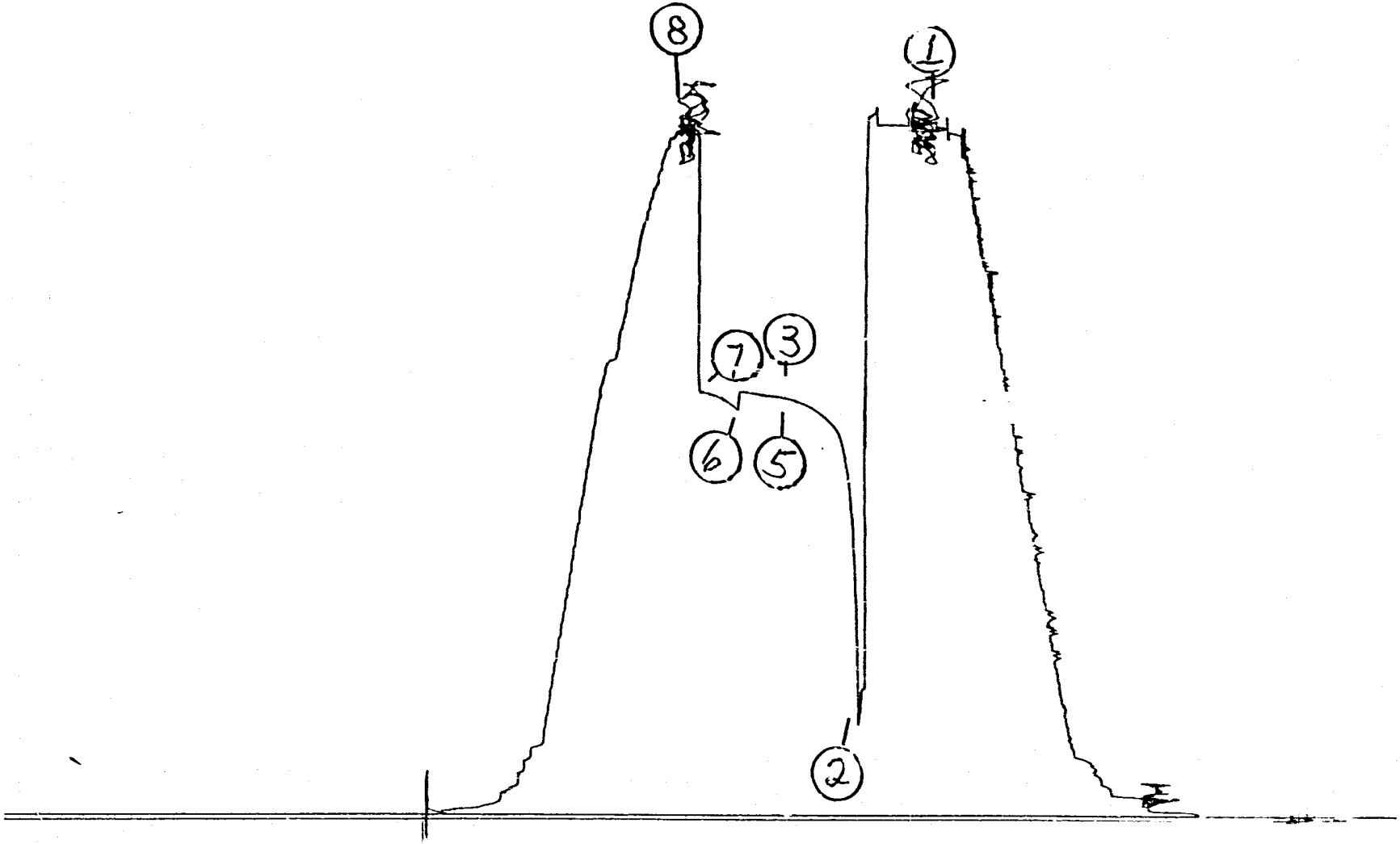
AQUIT SILVAN PLATEAU

G-51 8870-1



AQUIT SILVAN PLATEAU

G-51 2835-1



FORM 5115-2

CASING INFORMATION

AQUITAINE COMPANY OF CANADA LTD.

(SURFACE CASING)
~~INTERMEDIATE CASING~~ O.D. 13 3/8
~~PRODUCTION CASING~~
~~LINER~~

WELL AQUIT SILVAN PLATEAU G-51 LOCATION (64-00-125-15) DATE February 1974

JTS. ON LOC.	FT. ON LOC.	CSG. WT.	GR.	RGE.	THD.	T & C	MAKE	JTS. RUN	DEPTH LANDED	FT. RUN IN WELL
16	496.16	54.5	K55	2	8rd	ST&C	NKK	13	412	412.31

ACCESSORIES

CENTRALIZERS MAKE WEATHERFORD No. 3
POSITIONS 5' from Shoe
second collar and 5 collar
SCRATCHERS MAKE -- No. --
POSITIONS --

No. OF COLLARS WELDED 2

SHOE: MAKE WEATHERFORD TYPE Float	1.98
COLLAR: MAKE WEATHERFORD TYPE Float	1.60
LANDING JOINT LENGTH (WHEN USED)	
OVERALL LENGTH OF STRING	415.89
FEET UP FROM K.B. (SUBTRACT)	3.89
DEPTH SET - DRILLER TALLY	412.00
SHOE JOINT OVERALL (SUBTRACT)	34.23
COLLAR DEPTH - DRILLER TALLY	377.77

REMARKS

RUNNING AND CEMENTING

RUNNING

POWER TONGS NIL TORQUE: MAX -- NOM -- MIN --

TIMES: STARTED IN: 10:00 P.M. ON BOTTOM 4:00 A.M. CIRCULATED MIN 30

FILL UP POINTS When needed.

CEMENTING

CEMENT COMPANY GUTHRIE McLAREN DRLG.

TYPES AND QUANTITY OF CEMENT 460 sacks oilwell 2% $CaCl_2$

SLURRY WT. 12.5 to 15.6 WATER AHEAD 10 BBLS

TIMES: START MIX ____ FINISH ____ START DISP. ____ FINISH ____

CALC. DISP. 75 BBLS PRESSURES: MAX. PUMP. 200 BUMP 1000

CEMENT RETURNS (YES)/NO No. OF BBLS 15

LANDING

TIME 6:00 A.M. DATE February 9, 1974 WT. OF STRING (LESS BLOCKS) NIL

WT. LANDED IN SLIPS -- LANDING BOWL (SIZE × SERIES × TYPE ____

REMARKS

FORM 5116-1

PIPE TA[illegible]

A[illegible] 'ITAINE COMPAN[illegible] OF CANADA LTD.

SHEET No. 1 OF 1

SIZE 13 3/8 " O.D. WT. 54.5 PPF. GRADE K55 THREAD 8rd MAKE NKK

ON LOCATION 16 JOINTS 496.16 FT. LEFT OUT 3 JOINTS 83.85 FT. IN HOLE 13 JOINTS 412.31 FT.

REMARKS

All Threads off.

A			C			E		G		I		K		M		O		Q		
1	28	32	21	1	60	41	FLOAT	61	COLLAR	81		101		121		141		161		
2	32	58	22	1	98	42	FLOAT	62	COLLAR	82		102		122		142		162		
3	27	83	23			43		63		83		103		123		143		163		
4	32	53	24			44		64		84		104		124		144		164	FLOAT COLLAR	
5	32	60	25			45		65		85		105		125		145		165	FLOAT COLLAR	
6	32	52	26			46		66		86		106		126		146		166		
7	32	55	27			47		67		87		107		127		147		167		
8	32	56	28			48		68		88		108		128		148		168		
9	29	76	29			49		69		89		109		129		149		169		
10	32	50	30			50		70		90		110		130		150		170		
1/10	313	75	21/30			41/50		61/70		81/90		101/110		121/130		141/150		161/170		

B			D			F		H		J		L		N		P		R		
11½	32	62	31			51		71		91		111		131		151		171		
12	26	90	32	OUT		52		72		92		112		132		152		172		
13	32	52	33			53		73		93		113		133		153		173		
14	26	30	34	OUT		54		74		94		114		134		154		174		
15	33	42	35			55		75		95		115		135		155		175		
16	30	65	36	OUT		56		76		96		116		136		156		176		
17			37			57		77		97		117		137		157		177		
18			38			58		78		98		118		138		158		178		
19			39			59		79		99		119		139		159		179		
20			40			60		80		100		120		140		160		180		
11/20	182	41	31/40			51/60		71/80		91/100		111/120		131/140		151/160		171/180		

TOTALS		
A	313	75
B	182	41
C	1	60
D	1	98
E	499	74
F		
G		
H		
I		
J		
K		
L		
M		
N		
O		
P		
Q		
R		

FORM 5115-2

CASING INFORMATION

AQUITAINE
COMPANY OF CANADA LTD.

~~SURFACE CASING~~
INTERMEDIATE CASING O.D. 9 5/8
~~PRODUCTION CASING~~
~~LINER~~

WELL Aquit Silvan Plateau G-51 LOCATION G-51 (64-00-125-15) DATE February 23, 1974

JTS. ON LOC.	FT. ON LOC.	CSG. WT.	GR.	RGE.	THD.	T & C	MAKE	JTS. RUN	DEPTH LANDED	FT. RUN IN WELL
89	3467.49	36	K-55	III	8RD	ST & C	NKK	83		3231.28

ACCESSORIES

CENTRALIZERS MAKE Weatherford No. 5
POSITIONS 5' up from Shoe, Top of #2 and #4, #6, #8 Joint
SCRATCHERS MAKE -- No. ---
POSITIONS ---

No. OF COLLARS WELDED 3

SHOE: MAKE Weatherford	TYPE Float	1.70
COLLAR: MAKE Weatherford	TYPE Float	1.30
LANDING JOINT LENGTH (WHEN USED)	--	
OVERALL LENGTH OF STRING		3234.28
FEET UP FROM K.B. (SUBTRACT)	--	
DEPTH SET - DRILLER	TALLY	3234.00
SHOE JOINT OVERALL (SUBTRACT)		43.00
COLLAR DEPTH - DRILLER	TALLY	3191.00

REMARKS ---

RUNNING AND CEMENTING

RUNNING

POWER TONGS Nil TORQUE: MAX Nil NOM Nil MIN Nil

TIMES: STARTED IN: 3:00 PM ON BOTTOM 8:00 AM CIRCULATED MIN 4 hr.

FILL UP POINTS Every 8 Joints.

CEMENTING

CEMENT COMPANY Guthrie McLaren Drilling

TYPES AND QUANTITY OF CEMENT 420 sacks class G oilwell.

SLURRY WT. 15 WATER AHEAD 20 BBLS

TIMES: START MIX 1:15 PM FINISH 2:25 PM START DISP. 2:35 PM FINISH 3:00 PM

CALC. DISP. 249 BBLS PRESSURES: MAX. PUMP. 600 PSI BUMP 1000 PSI

CEMENT RETURNS ~~XXX~~/NO No. OF BBLS ---

LANDING

TIME 3:00 PM DATE February 24, 1974 WT. OF STRING (LESS BLOCKS) 130,000

WT. LANDED IN SLIPS 120,000 LANDING BOWL (SIZE × SERIES × TYPE 12" x 13 3/8 Types McAvoy 3000#

REMARKS ---

FORM 5116-1

PIPE TALLY

AQUITAINE COMPANY OF CANADA LTD.

SHEET No. 1 OF 1

SIZE 9 5/8 " O.D. WT. 36 PPF. GRADE K-55 THREAD 8RD ST & C MAKE NKK

ON LOCATION 89 JOINTS 3467.49 FT. LEFT OUT 6 JOINTS 236.21 FT. IN HOLE 83 JOINTS 3231.28 FT.

REMARKS Tallied with Threads off (Joints marked in Red Felt Out)

A			C			E			G			I			K			M			O			Q		
1	40	08	21	42	15	41	36	04	61	35	88	81	40	67	101			121			141			161		
2	34	76	22	38	82	42	41	53	62	38	84	82	40	90	102			122			142			162		
3	39	25	23	35	34	43	41	22	63	34	40	83	39	87	103			123			143			163		
4	39	35	24	38	78	44	40	07	64	34	87	84	40	95	104			124			144			164		
5	40	10	25	38	08	45	40	20	65	39	86	85	40	30	105			125			145			165		
6	40	44	26	40	97	46	39	68	66	30	53	86	40	75	106			126			146			166		
7	38	25	27	41	10	47	39	62	67	41	05	87	39	72	107			127			147			167		
8	37	85	28	40	09	48	38	00	68	39	60	88	40	95	108			128			148			168		
9	41	00	29	40	78	49	40	32	69	36	80	89	41	30	109			129			149			169		
10	40	62	30	39	19	50	42	10	70	39	00	90			110			130			150			170		
1/10	391	70	21/30	395	30	41/50	398	78	61/70	370	83	81/90	365	41	101/110			121/130			141/150			161/170		

B			D			F			H			J			L			N			P			R		
11	35	58	31	38	88	51	35	00	71	31	40	91	1	30	111	FLOAT COLLAR		131			151			171		
12	37	05	32	40	26	52	36	80	72	38	43	92	1	70	112	FLOAT SHOE		132			152			172		
13	36	24	33	38	37	53	35	55	73	39	45	93			113			133			153			173		
14	40	66	34	40	67	54	36	60	74	35	74	94			114			134			154			174		
15	40	32	35	36	22	55	39	52	75	41	90	95			115			135			155			175		
16	37	12	36	41	53	56	37	78	76	39	00	96			116			136			156			176		
17	37	95	37	41	40	57	41	14	77	42	82	97			117			137			157			177		
18	33	39	38	40	87	58	40	02	78	40	20	98			118			138			158			178		
19	38	22	39	39	00	59	41	05	79	39	95	99			119			139			159			179		
20	40	43	40	40	84	60	34	20	80	40	92	100			120			140			160			180		
11/20	379	96	31/40	398	04	51/60	377	66	71/80	389	91	91/100	3	00	111/120			131/140			151/160			171/180		

TOTALS		
A	391	70
B	379	96
C	395	30
D	398	04
E	398	78
F	377	66
G	370	83
H	389	81
I	365	41
J	3	00
K		
L		
M		
N		
O		
P		
Q		
R		
	3470	49

5112-2

BIT RECORD

AQUITAINE COMPANY OF CANADA LTD.

PAGE 1 OF 1

WELL NAME Aquit Silvan Plateau G-51
LOCATION G-51 (64-00-125-15)
CONTRACTOR Guthrie McLaren Drilling
RIG No. 2
DATE SPUDDED February 5, 1974
DATE RIG RELEASED March 22, 1974

DRILL PIPE : SIZE O.D. 4 1/2 WT. 16.6 TYPE T.J. F.H.
SIZE O.D. ____ WT. ____ TYPE T.J. ____
DRILL COLLARS : No. 6 O.D. 9" I.D. 2 3/4 TYPE T.J. 7" H90
No. 2 O.D. 7" I.D. 2 7/8 TYPE T.J. 5" H90
No. ____ O.D. ____ I.D. ____ TYPE T.J. ____
No. ____ O.D. ____ I.D. ____ TYPE T.J. ____

	BIT NO.	SIZE	MAKE	TYPE	SERIAL NO.	NOZZLE SIZES	DEPTH OUT	FEET	HOURS	CUM. HOURS	NO. of D.C.'s	WT. 1000#	RPM	DULL COND T	DULL COND B	DULL COND G	REMARKS
	1	17½	Reed	Y11J	702747	3-18	214	152	17½	17½	5	5/10	70/100	2	3	1	
	2	17½	Reed	Y13J	702339	3-18	263	49	6½	24	6	10	70/100	1	1	1	
	3	12¼	HW	X1G	58797	open	412	149	14½	38½	12	5/10	90	4	2	1	
RR	2	17½	Reed	Y13J	702339	3-18	412	149	10½	49	12	10	100	2	2	1	Reamed 12¼ to 17½.
	1	12¼	HW	X1G	58791	3-16	980	568	36	85	6-9" 2-7" 1-6¼	10	90	4	8	1	
	2	12¼	HW	X1G	63305	3-16	1508	528	16½	101½	6-9 2-7 4-6¼	25	80	3	2	1	
	3	12¼	HW	X1G	58794	3-16	1845	337	17	118½	"	20/25	60/85	5	2	1	Drilling Rough
	4	12¼	HW	XDV	59270	3-16	2091	246	27¼	145 ?	"	30	60/80	6	2	1	Shock sub 1 D C above bit.
	5	12¼	HW	XDV	59256	3-16	2173	82	11 3/4	157½	"	20/25	60/80	8	3	1	
	6	12¼	Secut	S88	404669	2-15 1-14	2829	656	48½	205 3/4	"	30	50	3	3	1	
	7	12¼	Secut	S88	421546	3-16	3266	437	42½	248¼	"	35	50	3	3	1	Intermediate hole T.D.
	1	8 3/4	Reed	SS1G	598651	3-12	3478	212	30½	278½	2-7" 13-6½	25	60	7	5	1	
	2	8 3/4	Sec	S88	914318	3-11	3937	458	46	324½	2-7" 20-6½	35	50	2	2	1	
	3	8 3/4	Sec	S88	463633	1-11 2-12	4807	870	82	406½	2-7" 1-10 x7" 26-6½	40	50	6	3	1	
	4	8 3/4	Sec	S88	914321	3-12	5060	253	28	434½	2-7" 18-6¼	40	55	3	1	1	Pulled to test.
	5	8 3/4	HW	J55	55213	3-12	5620	560	45½	479 3/4	"	45	60	4	2	1	
	6	8 3/4	HW	J55	55216	3-12	6510	890	53	532 3/4	"	45	60	8	5	1	
	7	8 3/4	Sec	M88	224179	3-12	6948	438	28	560 3/4	"	45	50	5	3	1	
	8	8 3/4	HW	RX55R	36720	3-12	6950	2	1	561 3/4	"	25	40	4	3	1	T.D.

FORM 5113-1

BIT HYDRAULICS

AQUITAINE COMPANY OF CANADA LTD.

WELL NAME Aquit Silvan Plateau G-51
LOCATION G-51-64-00-125-15
CONTRACTOR Guthrie McLaren Drilling
RIG No. 2
DATE SPUDDED February 5, 1974
DATE RIG RELEASED March 22, 1974

PUMP No.1 MAKE Ideco 7½ x 16" TYPE 600 Model 13

PUMP No.2 MAKE National Ideal 7½ x 12 TYPE C - 150

BIT NO.	PUMP No.1 LINER	PUMP No.1 SPM	PUMP No.2 LINER	PUMP No.2 SPM	G.P.M.	PUMP PRESSURE	ANNULAR VELOCITY	MUD WT	MUD VIS.	MUD YP	MUD FV	HHP AT BIT	Nozzel	REMARKS
1A	7½ x 16	50			475	600	45	9.4	56				3 - 18	
2A	7½ x 16	50			475	600	45	9.4	56				3 - 18	
3A	7½ x 16	50			475	600	45	9.4	56				open	
RR2A	7½ x 16	50			475	600	45	9.4	80				3 - 18	
1	7½ x 16	58			550	1100	110	8.8	34	10	6		3 - 16	
2	7½ x 16	58			550	1100	110	8.8	40	32	5		3 - 16	
3	7½ x 16	57			550	1100	110	8.9	37	7	10		3 - 16	
4	7½ x 16	57			550	1000	110	8.8	35	6	8		3 - 16	
5	7½ x 16	57			550	1000	110	8.9	35	7	11		3 - 16	
6	7½ x 16	44			420	1000	80	8.8	48	17	25		2 - 15 1 - 14	
7	7½ x 16	57			550	1000	110	8.8	45	12	15		3 - 16	
1	5½ x 16	55			285	1000	125	8.5	40	6	5		3 - 12	
2	5½ x 16	55			285	1200	125	8.7	50	14	18		3 - 11	
3	5½ x 16	55			285	1200	125	8.8	44	14	20		1 - 11 2 - 12	
4	5½ x 16	55			285	1200	125	8.9	44	9	24		3 - 12	
5	5½ x 16	55			285	1200	125	8.9	35	8	10		3 - 12	
6	5½ x 16	60			315	1200	135	8.9	27	1	2		3 - 12	Drilling with Water
7	5½ x 16	60/40			315/200	1230/300	135	WATER					3 - 12	Lost Circulation
8	5½ x 16	REDUCED RATE						WATER					3 - 12	Lost Circulation

Form No 5206

DRILLING FLUID DATA SHEET – WEEKLY REPORT

WELL Aguit Silvan Plateau
C-51 (64-00-125-15)

Cost F.O.B. Hay River in Bones: 15.31 5.27 6.88 6.21 4.00 26.90 11.42 9.75 8.65 8.65

DATE	TIME	DEPTH	WEIGHT LBS PER GAL. FLOWLINE	SUCTION	DISCHARGE DESANDER	UNDERFLOW DESANDER	DISCHARGE DESILTER	UNDERFLOW DESILTER	VISCOSITY FUNNEL	PLASTIC	YIELD VALUE	GELS	SOLIDS % BENT FLOWLINE	DRILL FLOWLINE	BENT DISCH. DESANDER	DRILL DISCH. DESANDER	BENT DISCH DESILTER	DRILL DISCH DESILTER	UNDERFLOW DESANDER	UNDERFLOW DESILTER	API	HPHT	DYNAMIC	RATE GAL/MIN PH	FILTRATE TOTAL HARDNESS	CHLORIDE	SHALE DENSITIES	ION ANAL. ME BLUE	GEL $ /LBS/100# sacks	BARITES 100# sacks	SHALE ANAL. Caustic 50# sacks	Bicarb 100# Bags	Sawdust 100# Sacks	Kwick Seal 100# sacks	Soda Ash 100# sacks	Lig. Cal 50#	PelTex 50#	DAILY COST	CUM. COST	REMARKS From Feb/74 Fwd $115.00
March 1/74			8.8						49	20	15	5/8									9.6			10				10											53.00	8168	8168.00
2			8.8						40	20	15	5/8									8.4			10				25											133.00	8301	8301.00
3			8.8						44	20	14	4/5								5.5	11			9.0				51			4								383.00	8684	8684.00
4			8.7						42	17	8	7/9									11.6			10				45	2										253.00	8937	8937.00
5			8.8						54	24	18	7/7									10.2			10				33	3								3		229.00	9166	9166.00
6			8.9						44	24	9	7/7									11.6			10.5				37							14	34			800.00	9966	9966.00
7			8.9						41	20	8	4/7									14			9.0				6	6								7	13	246.00	10212	10,212.00
8			8.9						35	10	8	2/4									13.6			9.5																	10,212.00
9			8.9						29	4	2	1/3									17.2			9.0																	10,212.00
10			8.9						29	4	2	1/5									17.6			9.0					1								1/3		10.00	10222	10,222.00
11			8.9						27	2	1	2/4									19.6			9.5					2										14.00	10236	10,236.00
12			8.9						29	2	1	1/4									21.3			9					1										7.00	10243	10,243.00
13			8.7						28															9.5					1										7.00	10250	10,250.00
14			8.7						28												26.4			9					2										14.00	10264	10,264.00
15																																									
16				Water.																																					Total losses at 6911' on
17																																								
18																																								
19																												60	2		130								682.00	10946	March 15 at 3:00 AM.
20																												148	3		232	43							1922.00	12868	
																												115	23	4	362	49	48	7	16						

Form No 5206

DRILLING FLUID DATA SHEET – WEEKLY REPORT

WELL AQUIT SILVAN PLATEAU G-51 (64-00-125-15)

DATE	TIME	DEPTH	WEIGHT LBS. PER GAL	VISCOSITY				SOLIDS %						RATE GAL/MIN	FILTRATE				ION ANAL.	SHALE ANAL.	COST F.O.B. HAY RIVER IN BOXES PRODUCTS $6.31 $3.27 $6.68 $6.21 $4.80 $2.65 $11.42										DAILY COST	CUM. COST	REMARKS
			FLOWLINE	SUCTION	DISCHARGE DESANDER	UNDERFLOW DESANDER	DISCHARGE DESILTER	UNDERFLOW DESILTER	FUNNEL	PLASTIC	YIELD VALUE	GELS	BENT FLOWLINE	DRILL FLOWLINE	BENT DISCH. DESANDER	DRILL DISCH. DESANDER	BENT DISCH. DESILTER	DRILL DISCH. DESILTER	UNDERFLOW DESANDER	UNDERFLOW DESILTER	API	HPHT	DYNAMIC	PH	TOTAL HARDNESS	CHLORIDE	SHALE DENSITIES	ME BLUE	GEL 5 /LBS 100# SACKS	BARITES 100# SACKS	CAUSTIC 50# SACKS	BEN-EX 25# BAGS	BICARB 100# SACKS	SAWDUST	KWICK-SEAL			
FEB 6/74			9.2						54														10					29	2							168	168	
7			9.4						56														9.5					42	2							237	405	
8			9.4						80														9.5					21	2							126	531	
9			9.5						95														10															CEMENT SURF.CSG.
10																																						
11																																						
12			WATER																																			DRLG-OUT CEMENT
13			8.8						34	6	10	3/6									25+		10					56		11	7					458	989	MUD CONTAMINATED WITH CEMENT
14			8.8						40	5	32	4/4									25+		11.5					41			3					260	1249	PUMP 300 BBLS.
15			8.9						54	7	16	15/24									14		10.5					85		28						625	1874	TIGHT CONN. & FILL RAISE VIS.
16			8.9					12.8	37	10	7	2/6									13.6		9.5					78		19						532	2406	
17			8.8						35	8	6	2/4									14.2		9					117		33						826	3232	Mud Losses 6 bbls/hr Total 45 bbls
18			8.9					12.8	35	11	7	3/5									14.8		9.5					49	1	9						330	3562	
19			8.9					9.5	38	10	9	3/5									12.8		8.5					40		9						268	3830	
20			8.8						48	25	17	6/12									9.8		9					112	1	17		117	5			1067	4897	Mud Losses Solids Total 300
21			8.8						46	20	15	6/8									9.8		9					80	2	19		50	7			668	5562	Mud Loss
22			8.8						48	15	12	4/6									9		10.5					105	3	19		20	4			795	6357	Mud Losses
23			8.8						60	15	12	4/6									7.4		10					55		11						360	6717	
24																												56	2	2						323	7040	
25																												28		16	4					264	7304	
26			8.5						40	5	6	4/8																										
27			8.7						37	13	12	4/7									10.3		10.5					50		10						340	7744	
28			8.7						50	18	14	5/8									9.4		10.0					62		6						371	8115	
																												1105	16	209	14	187	16				

FORM 5162-1

DEVIATION SURVEY REPORT

AQUITAINE
COMPANY OF CANADA LTD

WELL NAME: Aquit Silvan Plateau G-51 LOCATION: G-51 (64-00-125-15)

DEPTH	DEVIATION	DEPTH	DEVIATION
112'	3/4°	1,694'	3 1/4°
142'	1/2°	1,788'	3°
172'	1/2°	1,845'	3 1/4°
202'	0	1,922'	3 1/4°
263'	1°	2,079'	4 1/4°
293'	1°	2,173'	4 1/8°
323'	1 1/4°	2,266'	4 1/8°
353' 12 1/4" Hole	1 1/4°	2,360'	4°
410'	2°	2,453'	3°
353' 17½" Reamed	1°	2,547'	2 3/4°
412'	2° (Surface hole)	2,642'	3°
449' 12 1/4" Hole	2 1/4°	2,735'	2 3/4°
512'	2 3/4°	2,829'	2 3/4°
575'	2 1/2°	2,922'	2 1/2°
637'	2 1/4°	3,016'	2 1/4°
700'	2 3/4°	3,110'	1 3/4°
762'	3°	3,200'	1 3/4°
824'	3 1/2°	3,266'	1 3/4°
980'	4°	3,307'	1 1/4°
1,042'	3 1/4°	3,373'	1 1/4°
1,105'	2 3/4°	3,436'	1 3/4°
1,199'	3°	3,478'	1 3/4°
1,324'	2 3/4°	3,550'	1 1/2°
1,417'	2 3/4°	3,644'	3/4°
1,508'	3°	3,737'	1 1/4°
1,600'	3°	3,830'	2°

FORM 5162-1

DEVIATION SURVEY REPORT

AQUITAINE
COMPANY OF CANADA LTD

WELL NAME: Aquit Silvan Plateau G-51 LOCATION: G-51 (64-00-125-15)

DEPTH	DEVIATION	DEPTH	DEVIATION
3,924'	1 1/2°		
4,049'	1 1/2°		
4,267'	1 3/4°		
4,486'	2°		
4,807'	1 3/4°		
5,060'	1 3/4°		
5,306'	1 3/4°		
5,620'	2 1/4°		
5,960'	2 1/2°		
6,365'	2 3/4°		
6,500'	3°		
6,950'	T.D.		

FORM 5120-1

PLUG-BACK AND ABANDONMENT REPORT

AQUITAINE COMPANY OF CANADA LTD.

Well Aquit Silvan Plateau C-51 Location C-51 (64-00-125-15)

Hole Size	24	17 1/2	12 1/4	8 3/4
Depth	60	412	3258	6950

Casing in Hole	Size	Set at	Top of Cement
Surface Casing	13 3/8	412	Surface
~~Production~~ String Intermediate	9 5/8	3258	--

K.B. Elev. 2672

F.T.D. 6950

Fluid in Hole Gel Chemical

Plug Back String 4 1/2" Drill Pipe

Service Company Guthrie McLaren

Cons. Bd. Officer Yellowknife, N.W.T.

	Plug #1	Plug #2	Plug #3	Plug #4	Plug #5	Plug #6
Date	March 20, 1974					
Interval — Top Bottom	6500 6800	4590 4690	3216 3316			
Formation — Name Depth	On Bottom	Bear Rock 4680	Base 9 5/8 Casing 3258			
Calipered Hole Size (Average)	9"	9"	9"			
Type of Cement	Oilwell	Oilwell	Oilwell			
Number of Sacks	160	50	50			
Additives	Nil	Nil	Nil			
Bbls. of Water Ahead	10	10	10			
Displacement — Bbls. Water Bbls. Mud	92	65	45			
Slurry Weight	15.5	15.5	15.5			
Mixing Times — Start Finish	1:50 2:10					
Displacing Times — Start Finish	2:10 2:30					
Felt Plug Time	10:30					
Felt Plug Depth	6485	4582	3200			

Surface Casing Cut 3 Ft. Below Grd. Surface Plugs 5 Sacks. Plate Welded Yes/~~No~~

CASING SALVAGE: Shot off at Nil No. of Jts. Recovered Nil

Remarks 6 ft. Well Marker welded on cap.

Agent of Operator D.C. Moore

FORM 5120-1

PLUG-BACK AND ABANDONMENT REPORT

AQUITAINE COMPANY OF CANADA LTD.

Well Aquit Silvan Plateau G-51 Location G-51 (64-00-125-15)

Hole Size	24	17 1/2	12 1/4	8 3/4
Depth	60	412	3258	6950

Casing in Hole	Size	Set at	Top of Cement
Surface Casing	13 3/8	412	Surface
~~Production~~ String Intermediate	9 5/8	3258	--

K.B. Elev. 2672

F.T.D. 6950

Fluid in Hole Gel Chemical

Plug Back String 4 1/2" Drill Pipe

Service Company Guthrie McLaren

Cons. Bd. Officer Yellowknife, N.W.T.

	Plug #1	Plug #2	Plug #3	Plug #4	Plug #5	Plug #6
Date	March 20, 1974					
Interval — Top Bottom	6500 6800	4590 4690	3216 3316			
Formation — Name Depth	On Bottom	Bear Rock 4680	Base 9 5/8 Casing 3258			
Calipered Hole Size (Average)	9"	9"	9"			
Type of Cement	Oilwell	Oilwell	Oilwell			
Number of Sacks	160	60	60			
Additives	Nil	Nil	Nil			
Bbls. of Water Ahead	10	10	10			
Displacement — Bbls. Water Bbls. Mud	92	65	45			
Slurry Weight	15.5	15.5	15.5			
Mixing Times — Start Finish	1:50 2:10					
Displacing Times — Start Finish	2:10 2:30					
Felt Plug Time	10:30					
Felt Plug Depth	6485	4582	3200			

Surface Casing Cut 3 Ft. Below Grd. Surface Plugs 5 Sacks. Plate Welded ~~Yes~~/~~No~~

CASING SALVAGE: Shot off at Nil No. of Jts. Recovered Nil

Remarks 6 ft. Well Marker welded on cap.

Agent of Operator D.C. Moore

AQUITAINE COMPANY
OF CANADA LTD.

LOST CIRCULATION ZONES

Formation: Bear Rock (Dolomite) top at 4,680', according to log.

Depth:

at 6,825' - partial loss (180 bbl/hr) having a tendancy to seal off without plugging agent, simply by drilling.

at 6,911' - total loss. According to the log, static level is at 1,830'/KB (fresh water).

Chronology:

March 14 - 2:30 P.M., partial loss at 6,825'.
9:45 P.M., total loss at 6,911'.

March 15 - Drill blind up to 6,950', using all liquid phase contained in the drilling sump plus some water hauled by truck. Total estimate of fluid lost in the well: 2,000 bbl.

March 16/17 - Logging; decision taken to abandon the well.

March 18 - Attempted to seal off with open end drill pipe: injection of gel; (6,000#) and sawdust (130 sx) without success.

March 19 - 8:15 A.M., ran Lynes inflatable packer (product #300-80); attempt unsuccessful.
- injected more LCM (14,800# gel, 232 sx sawdust, 43 sx KwikSeal) without success.
- 9:45 P.M., spotted 110 sx class G cement on bottom, displaced with water, pulled 10 stands drill pipe.

March 20 - 6:00 A.M., felt for cement plug; no indication of any cement in hole. Tried to fill hole with water - no returns.
12:15 P.M., ran 6-3/8 OD Lynes inflatable bridge plug on drill pipe to 6,800' and set plug #1 from 6,800' to 6,500' with 160 sx cement class G. Felt top of plug #1 after 8 hours at 6,485'. Established complete circulation.
- Proceeded with final abandonment as described under Section III "Plug-Back and Abandonment Report".

SECTION IV

AQUITAINE COMPANY
OF CANADA LTD.

WELL HISTORY REPORT

Aquit Silvan Plateau G-51

SECTION IV - Logs

(a) Logging Record

(b) Final Prints of the following logs:

- DIL (Run 1 & 2)
- BHC-SGRC (Run 1 & 2)
- FDC
- SNP

FORM 5105

LOGGING RECORD

AQUITAINE
COMPANY OF CANADA LTD.

Aquit Silvan Plateau G-51 (64-00-125-15)

TYPE (ABBREVIATE)	DATE	DEPTH LOGGED		RUN No.	REMARKS (LOGGING CO. ETC.)
		FROM	TO		
DIL	Feb 23/74	3255	413	1	Schlumberger
BHC-SGRC	Feb 23/74	3255	413	1	Schlumberger
DIL	Mar 17/74	6942	3256	2	Schlumberger
BHC-SGRC	Mar 17/74	6945	3256	2	Schlumberger
FDC	Mar 17/74	6947	3256	1	GammayRay through casing to surface.
SNP	Mar 17/74	6947	3256	1	Schlumberger
HDT	Mar 17/74	6945	3256	1	Schlumberger
Velocity Survey	Mar 17/74				Unsuccessful

3834

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUITAINE SILVER PLATEAU G51(64-20-125-15)

Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.

Date: MARCH 22/74

Weather Condition | Road Conditions: FAIR | Nearest Town: WORSLEY | Water - Source: SOUGH | Miles Hauled: 2 | Pumped ... | Camp Distance from Rig: 200 YD | Reason for Extra L. Plant: STAND BY

OPERATOR: AQUITAINE OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swingle

Rig No. 2 | Drill Pipe String: No. ... Size ... | Tool Joint: 5 3/4 O.D. | Type Thd: FH

DRILLED 10-00 7-11 2

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-C 600	600	16
2.	NAT		12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	IAP	36 J55	85			3238	

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.

No. of Lines ... Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Shaw

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	8:00							FINISH DRILLING PUMPS & MUD TANKS

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Albert Potter

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	12:00							CUT OFF CASING BOWL & WELD ON PLATE - FILL CASING W/ 10 SK CEMENT
12:00	4:00							TEAR OUT RIG
								Rig Released @ 12:00 Noon for March 22/74
								D C Moore.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS

3833

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: ARNETT SILLIMAN PLATFORM "A" 651(64-00-125-15

Location — Unit ..... Sec. ..... Twp. ..... Rge. ..... W. ..... M.

Date: MARCH 21, 1974

Weather Condition: ..... Road Conditions: FAIR. Nearest Town: NORMAN 20 MILES Water - Source: SHABBY Miles Hauled: 2 Pumped: ..... Camp Distance from Rig: 200 YD Reason for Extra L. Plant: STAND BY

OPERATOR: AQUITAINE OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE: G C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Luke Lowery

Rig No. 2 DWKS DEW 2-71

Drill Pipe String: No. 2 Size 5"

Tool Joint 5 3/4 O.D. Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO 660-mod	600	16
2.	NAT		12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	9 5/8	JAP	36 J55	85			3258	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No.

No. of Lines ..... Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud

Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker .....

Trucker .....

Trucker .....

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: David Lowery

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	1 00	1						RAN E CEMENT PLUG 2# w/ 60 SK 4690 - 4590'
1 00	2 00	1						HOIST UP TO SURFACE CASING & W.O.C E LAY DOWN PIPE
2 00	8 00	6						

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker .....

Trucker .....

Trucker .....

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
PL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: David Walters

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 05	1/4						RIG SERVICE
8 15	9 00	3/4						RAN E FELL PLUG 2# @ 4582'
9 00	10 00	1						HOIST UP TO 3316'
10 00	10 15	1/4						RIG UP TO CEMENT
10 15	11 00	3/4						RAN E REPLACE PLUG 3# w/ 60 SKS
11 00	11 30	1/2						HOIST E LAY DOWN PIPE (CUT OFF)
11 30	6 00	6 1/2						W.O.C
6 00	6 30	1/2						RAN IN E FELL PLUG 3# @ 3200'
6 30	10 00	3 1/2						LAY DOWN PIPE

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker .....

Trucker .....

Trucker .....

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jake Monger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
10 00	12 00	2						DRAIN PUMPS & CLEAN MUD TANK
								LAY DOWN BOPS.

3832

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquitaine Silvan Plateau 951 (64-00-125-15)
Location: Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: March 21 1974

Weather Condition: ____ Road Conditions: Fair Nearest Town: ____ Water - Source ____ Miles Hauled ____ Pumped ____ Camp Distance from Rig ____ Reason for Extra L. Plant ____

OPERATOR: Aquitaine Co of Canada LTD.

Rig No.: DWKS

Drill Pipe String: No. ____ Size ____

Tool Joint: Type Thd. ____ O.D. ____

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Broom

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Emery

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO 660	600	16
2.	GIRD 13		12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36# J55	85			3258	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.
No. of Lines Size
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.			
Size			
Mfg.			
Type			
Nozzle No.			
Nozzle Size			
Ser. No.			
Depth Out			
Depth In			
Total Ftg.			
Total Hr. Run			
Cond. of Bit			
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker ____
Trucker ____
Trucker ____

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000		

Driller D Sikora

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	1/4						Rig Service
12 15	5 00	4 3/4						Wait on Cement Plug
5 00	6 00	1						Run in To Felt Same (No plug)
6 00	8 00	2						Pump Mud Down Annul To Fill Hole & Mix Gel
								~~Mix Gel~~

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.			
Size			
Mfg.			
Type			
Nozzle No.			
Nozzle Size			
Ser. No.			
Depth Out			
Depth In			
Total Ftg.			
Total Hr. Run			
Cond. of Bit			
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker ____
Trucker ____
Trucker ____

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller David C Sutton

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8 00	8 15	1/4						Rig Service
8 15	8 30	1/4						Mix Gel
8 30	10 15	1 3/4						Hoist out of Hole
10 15	12 15	2						Wait on Inflatable Packer
12 15	1 15	1						Run in w/ Packer
1 15	1 30	1/4						Set Packer & Break Circ
1 30	2 30	1						Pump & Cement Plug 1st w/ 160 sks
2 30	3 00	1/2						Hoist up to To Intermediate String
3 00	4 00	1						W.O.C

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
	Stands D.P.	Ft.
	Singles D.P.	Ft.
	D.C. I.D. O.D.	Ft.
	D.C. I.D. O.D.	Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
	Subs O.D.	Ft.
	Bit or C.B.	Ft.
	Kelly Down	Ft.
	Total	Ft.
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.			
Size			
Mfg.			
Type			
Nozzle No.			
Nozzle Size			
Ser. No.			
Depth Out			
Depth In			
Total Ftg.			
Total Hr. Run			
Cond. of Bit			
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker ____
Trucker ____
Trucker ____

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4 00	9 30	5 1/2						W.O.C
9 30	10 30	1						Run in To Felt Plug 1st
10 30	11 30	1						Hoist To 4680 To Run Plug 2nd
11 30	12 00	1/2						Rig up To Cement
								Felt Plug 1st @ 6485'

3827

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: AQUITAINE SILVAN PLATEAU G51(64-00-125-15 Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: MARCH 19 1974

Weather Condition | Road Conditions: FAIR | Nearest Town: NORMAN | Water - Source: SOUBIE, Miles Hauled: 2, Pumped: ___ | Camp Distance from Rig: 200YD, Reason for Extra L. Plant: STANDBY

OPERATOR: AQUITAINE OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Lachie Sweeney

Rig No. 2 (DWKS 10-200 T-41)

Drill Pipe String: No. 2, Size 4½

Tool Joint: Type Thd. FH, 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO mc-600	HP	16
2.	NIAT		12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	J55	85			3254	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating		3	
Trips	5	4¼	1¾
Lubricate Rig		¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			1¼
Drill Stem Test			
Other	2¼		4½
OTHER.	1¾		3¼
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1⅛
Feet Slipped	246
Feet Cut Off	246
Present Length	3354
Ton Mi. or Trips Since Last Cut	374
Cumulative Ton Mi. or Trips	1561
No. of Days From Spud	42
Cumulative Rotating Hrs.	569¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No. | Size | Mfg. | Type | Nozzle No. | Nozzle Size | Ser. No. | Depth Out | Depth In | Total Ftg. | Total Hr. Run | Cond. of Bit | Reamer No. | Reamer Type

Water Charges | Reg. Hrs. | O.T. Hrs.

Trucker | Trucker | Trucker

MUD RECORD

Time | Weight | Visc.-Sec. | W.L.-C.C. | FL TR. CK. | PH | SD. Cont. % | Pressure Gradient

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Lewis

FOOTAGE

From	To	Ftge.
	6950	

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SCL-S Par'el-P Com'd-C

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	2:15	2¼						RUN IN OPEN END.
2:15	2:45	½						BREAK CIRC.
2:45	4:30	1¾						PUMP LOS. CIRC MAT. DOWN HOLE.
4:30	6:45	2¼						HOIST TO RUN PLUG (PACKER)
6:45	8:15	1½						RIG UP TO RUN INFLATABLE PACKER.
8:15	8:20	~~5~~						RUN.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No. | Size | Mfg. | Type | Nozzle No. | Nozzle Size | Ser. No. | Depth Out | Depth In | Total Ftg. | Total Hr. Run | Cond. of Bit | Reamer No. | Reamer Type

Water Charges | Reg. Hrs. | O.T. Hrs.

Trucker | Trucker | Trucker

MUD RECORD

Time | Weight | Visc.-Sec. | W.L.-C.C. | FL TR. CK. | PH | SD. Cont. % | Pressure Gradient

Mud & Chemicals Added

Type	Amt.	Type	Amt.
12500 lbs Gel			
150 lbs Caustic			
232 bags Sawdust			
43 bags Linkseal			

Driller: Harold Clatter

FOOTAGE

From	To	Ftge.

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SCL-S Par'el-P Com'd-C

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Service
8:15	10:00	1¾						Run in with inflatable packer
10:00	1:00	3						Pull packer out (hole bridged off + packer partly inflated)
1:00	4:00	3						Mix gel + sawdust + pour sawdust to Swibcod (annulus)

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No. | Size | Mfg. | Type | Nozzle No. | Nozzle Size | Ser. No. | Depth Out | Depth In | Total Ftg. | Total Hr. Run | Cond. of Bit | Reamer No. | Reamer Type

Water Charges | Reg. Hrs. | O.T. Hrs.

Trucker | Trucker | Trucker

MUD RECORD

Time | Weight | Visc.-Sec. | W.L.-C.C. | FL TR. CK. | PH | SD. Cont. % | Pressure Gradient

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SCL-S Par'el-P Com'd-C

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:30	1½						Run in with open end
5:30	8:00	2½						Mixing Sawdust through mixer
8:00	9:15	1¼						PUMP LOS CIRC MAT DOWN HOLE
9:15	9:45	½						BUILD UP VOLUME
9:45	10:15	½						RUN 8 110 BAGS CEMENT (PLUG.)
10:15	10:30	¼						DISPLACE CEMENT W/ MUD.
10:30	10:45	¼						HOIST 10 STANDS OF D.P
10:45	12:00	1¼						WAITING ON CEMENT (PLUG)

KODAK SAFETY FILM

3826

GUTHRIE McLAREN Drilling Co. Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT SILVER PLATEAU 05(64-00-125-15
Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.
Date: MARCH 18 1974

Weather Condition | Road Conditions: NORMAN WELLS | Nearest Town: NORMAN WELLS | Water - Source: SOUR | Miles Hauled: 1 | Pumped | Camp Distance from Rig: 200 YD | Reason for Extra L. Plant: STANDBY

OPERATOR: AQUITAINE OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Broom

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Dempsey

Rig No. 2 | Rotary Table Drives | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 5¾ O.D., Type Thd. IF

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO mm 600	HP	16
2.	NAT		12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36 J55	85			3238	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating		½	
Trips	1	2½	4
Lubricate Rig		¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging	6		
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	1	3¾	4
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1⅛
Feet Slipped	246
Feet Cut Off	246
Present Length	3354
Ton Mi. or Trips Since Last Cut	374
Cumulative Ton Mi. or Trips	1561
No. of Days From Spud	42
Cumulative Rotating Hrs.	569¾

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
67	Stands D.P.	6303.52 Ft.
5	Singles D.P.	Ft.
2	D.C. 22⅜" I.D. 18" O.D.	60.22 Ft.
18	D.C. 22⅜" I.D. 8" O.D.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit or C.B.	3.99 Ft.
	Kelly Down	35.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs.
Pipe in Hole 202 Jts.
Pipe on Racks 88 Jts.
Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dempsey Sikora

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	6950												

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	6:00	6						LOGGING.
6:00	7:00	1						TEAR DOWN SCHLUMBERGER
7:00	8:00	1						RUN IN W/D.C. TO LAY DOWN

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

Stands D.P.	Ft.
Singles D.P.	Ft.
D.C. I.D. O.D.	Ft.
D.C. I.D. O.D.	Ft.
Stb. Body O.D.	Ft.
Stb. Body O.D.	Ft.
Rmr. Body O.D.	Ft.
Subs O.D.	Ft.
Bit or C.B.	Ft.
Kelly Down	Ft.
Total	Ft.

Wt. of String Lbs.
Pipe in Hole Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: David Chatten

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1:00	8:15	¼						Rig Service & B.O.P. Check
8:15	10:30	2¼						Lay down Drill collars
10:30	11:00	½						Put away drill collar equipment & subs
11:00	12:00	1						Pick up 20 Singles
12:00	2:30	2½						Run in with open end
2:30	4:00	1½						Mixing Coal & Sawdust

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

Stands D.P.	Ft.
Singles D.P.	Ft.
D.C. I.D. O.D.	Ft.
D.C. I.D. O.D.	Ft.
Stb. Body O.D.	Ft.
Stb. Body O.D.	Ft.
Rmr. Body O.D.	Ft.
Subs O.D.	Ft.
Bit or C.B.	Ft.
Kelly Down	Ft.
Total	Ft.

Wt. of String Lbs.
Pipe in Hole Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						Mixing Coal & Sawdust
6:00	8:00	2						Try to pump heavy mud downhole (pipe plu
8:00	11:00	3						Pull out of hole to unplug pipe
11:00	12:00	1						RUN IN W/ open END

2500

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: AQUIT-SILVAN PLATEAU M-51(64-00-125-15
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: MARCH 17 1974

Weather Condition: ____ Road Conditions: FAIR. Nearest Town: NORMAN WELLS Water - Source: SOUTH Miles Hauled: 2 Pumped: ____ Camp Distance from Rig: 200 Y.D. Reason for Extra L. Plant: STANDBY

OPERATOR: AQUITAINE OIL CO.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: C. C. Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swenson

Rig No. 3 DWKS 2-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 5¾ O.D. Type Thd. F H

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-H-M 600	HP	16
2.	NAT		12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP.	36 J55	85			3258	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼		
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging	7¾	8	
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 27562
No. of Lines 8 Size 1¼
Feet Slipped 246
Feet Cut Off 246
Present Length 3354
Ton Mi. or Trips Since Last Cut 374
Cumulative Ton Mi. or Trips 1561
No. of Days From Spud 41
Cumulative Rotating Hrs. 569¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
67	Stands D.P.	6303.52 Ft.
5	Singles D.P.	Ft.
2	D.C. 2¾ x 7" I.D. O.D.	60.22 Ft.
18	D.C. 2¾ x 6¼ I.D. O.D.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit or Sub 3 7/8 O.D.	3.99 Ft.
	Kelly Down	35.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs.
Pipe in Hole 202 Jts.
Pipe on Racks 88 Jts.
Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Dilow

FOOTAGE

From	To	Ftge.
	6950	

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	8:00	7¾						LOGGING
								FUGA 4 FT.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
67	Stands D.P.	6303.52 Ft.
5	Singles D.P.	Ft.
2	D.C. 2¾ x 7" I.D. O.D.	60.22 Ft.
18	D.C. 2¾ x 6¼ I.D. O.D.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit or Sub 3 7/8 O.D.	3.99 Ft.
	Kelly Down	35.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs.
Pipe in Hole 202 Jts.
Pipe on Racks 88 Jts.
Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Leonard Clatten

FOOTAGE

From	To	Ftge.
6950		

DR-D RM-R Core-C | Core No | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8						Logging

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
67	Stands D.P.	6303.52 Ft.
5	Singles D.P.	Ft.
2	D.C. 2¾ x 7" I.D. O.D.	60.22 Ft.
18	D.C. 2¾ x 6¼ I.D. O.D.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit or Sub 3 7/8 O.D.	3.99 Ft.
	Kelly Down	35.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs.
Pipe in Hole 202 Jts.
Pipe on Racks 88 Jts.
Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.
	6950	

DR-D RM-R Core-C | Core No | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8						Logging
								Logs Ran By Schlumberger
				D.I.L.				T.D. To Intermediate Casing @ 3256'
				F.D.C.				T.D. " " " "
				G.R.				To Surface From T.D. (6950')
				S.N.L.				T.D. To Intermediate Casing @ 3256
				B.H.C. S.				G.R.C. T.D. To Intermidate Casing
				H.D.T.				" " "
								S.R.S. (Velocity Survey)

CUTHRIE McLAREN Drilling Ltd.

2499

DAILY DRILLING REPORT

Form 6

Lease Well No. AQUIT-SILVANN PLATISAK B5(16)-10-12S-15 Location — Lsd. Sec. Twp. Rge. W. M.

Date MARCH 16 1974

Weather Condition

Road Condition FAIR.

Nearest Town NORMAN WELLS

Water - Source ST LAURENT Miles Hauled 2 Pumped

Camp Distance from Rig 200 YD Reason for Extra L. Plant STAND BY

OPERATOR AQUITAINE OIL CO.

Rig No. 2 RDB KB 7.00

Drill Pipe String: No. 2 Size 4½

Tool Joint 5¾ O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER Leslie Swaney

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-mm1000-H-P		16
2.	NAT		12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	SAP	36 J55	85			3258	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating		¼	
Trips		4¼	
Lubricate Rig	¼	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	7¾	2¾	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 27562

No. of Lines 6 Size ¼

Feet Slipped 246

Feet Cut Off 246

Present Length 3354

Ton Mi. or Trips Since Last Cut 374

Cumulative Ton Mi. or Trips 1561

No. of Days From Spud 40

Cumulative Rotating Hrs. 569¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
67	Stands D.P.	6303.52 Ft.
5	Singles D.P.	Ft.
2	23/8 x 7"	60.22
1	23/8 x D.P.	9.00
1	5 1/2 K sub	10.00
18	23/8 x 6 1/4 D.C.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit or Stb.	3.99 Ft.
	Kelly Down	16.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs.

Pipe in Hole 202 Jts.

Pipe on Racks 88 Jts.

Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	8
Size	8 3/4
Mfg.	H.W.
Type	RX55R
Nozzle No.	3
Nozzle Size	12
Ser. No.	36720
Depth Out	
Depth In	6948
Total Ftg.	2
Total Hr. Run	1
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
Fl. TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Dewayne Shaw

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	6950												

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	8:00	7¾						WAIT ON LOGGERS.
								FUEL 3 FT.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
67	Stands D.P.	6303.52 Ft.
1	Singles D.P.	Ft.
2	23/8 x 7"	60.22
1	23/8 x D.P.	9.00 Ft.
1	5 1/2 K sub	10.00
18	23/8 x 6 1/4 D.C.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit or Stb.	3.99 Ft.
	Kelly Down	16.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs.

Pipe in Hole 202 Jts.

Pipe on Racks 88 Jts.

Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	8
Size	8 3/4
Mfg.	H.W.
Type	RX55R
Nozzle No.	3
Nozzle Size	12
Ser. No.	36720
Depth Out	
Depth In	6948
Total Ftg.	2
Total Hr. Run	1
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

2400 lbs Gel
25 lbs caustic
50 lbs pelter

Driller David Cotton

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6950													

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Service & B.O.P. check
8:15	11:30	2¾						Wait on Loggers
11:30	1:00	2						Run in to bottom (no fill)
1:00	1:45	¾						Circulate heavy mud to condition hole (no return
1:45	4:30	2¾						Hoist out to Log.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
67	Stands D.P.	6303.52 Ft.
1	Singles D.P.	Ft.
2	D.C. 2 2/3 x 7" I.D. O.D.	60.22 Ft.
18	D.C. 2 2/3 x 6 1/4 I.D. O.D.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Subs X/O O.D.	3.96 Ft.
1	Bit or Stb.	3.99 Ft.
	Kelly Down	35.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs.

Pipe in Hole 202 Jts.

Pipe on Racks 88 Jts.

Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	H.W.
Type	RX55R
Nozzle No.	3
Nozzle Size	12
Ser. No.	36720
Depth Out	6950
Depth In	6948
Total Ftg.	2
Total Hr. Run	1
Cond. of Bit	3-2-1
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6950													

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:30	4:30	½						Finish out of hole
4:30	5:00	½						Break down & lay down shock sub & 9" drill collar
5:00	11:15	6¼						Wait on loggers
11:15	12:00	¾						RIG UP TO LOG.

2498

GUTHRIE & McLAREN — Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease or Well Name: Agnew T. S. Ivan Pl. A Team #5 — Location: C — 51 — 64 — 20 — 15 — 5 — Sec. — Twp. — Rge. — W. — M.

Date: MARCH 15, 19 74

Weather Condition: 10 BELOW — Road Conditions: FAIR — Nearest Town: NORMAN WELLS — Water - Source: STREAM — Miles Hauled: 2 — Pumped — Camp Distance from Rig: 1000 YDS — Reason for Extra L. Plant: STANDBY

OPERATOR: Agnew Drilling Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D. C. Broom

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lumsden

Rig No. 2 — DWKB — IDECO — Drill Pipe String: No. — Size — Tool Joint: 5 3/4 O.D. — Type Thd. F H

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
	IDECO MM 600 H.P.		16"
	NAT	C-150-B	12"

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jnr	36# J-55	85			3258	

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	4 1/4	1/4	
Running			1 3/4
Conditioning Mud & Circulating			
Trips	1 3/4	7	2 1/4
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig	3/4		
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement 2 HRS Fill Pipe			1 3/4
Drill Stem Test	1/2		1/4
Other BUILD VOLUME	1/2	1/2	3/4
Fishing			
A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 27562 — No. of Lines 8 — Size 1/4

Feet Slipped 246 — Feet Cut Off 246 — Present Length 3354 — Ton Mi. or Trips Since Last Cut 222 — Cumulative Ton Mi. or Trips 1409 — No. of Days From Spud 39 — Cumulative Rotating Hrs. 569 1/4

MORNING TOUR

NO	DRILLING ASSEMBLY AT END OF TOUR	
67	Stands D.P.	6272.19 Ft.
—	Singles D.P.	Ft.
2	3.25 DP	60.22
1	22" x 18" O.D.	9.00 Ft.
1	Stock	10.00
18	22" x 18" O.D.	542.87 Ft.
1	Stb. Body 7" O.D.	5.42 Ft.
1	Stb. Body " O.D.	5.39 Ft.
1	Rmr. Body O.D.	5.37 Ft.
1	Bit Sub O.D.	3.96 Ft.
1	Bit O.D.	3.99 Ft.
	Kelly Down	28.08 Ft.
	Total	6959.00 Ft.

Wt. of String 170,000 Lbs. — Pipe in Hole 201 Jts. — Pipe on Racks 89 Jts. — Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	SEC
Type	M-88
Nozzle No.	3
Nozzle Size	12
Ser. No.	224179
Depth Out	
Depth In	6510
Total Ftg.	436
Total Hr. Run	27 3/4
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	8.6
Visc.-Sec.	28
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jack Lukenger

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6911	6976	35	DR			50	20-25	400	5 1/2	47	5 1/2		S

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig Servi.
12:15	1:00	3/4						Repair Air Line
1:00	2:45	1 3/4						Run to Bottom
2:45	3:15	1/2						Fill Pipe (No Returns)
3:15	4:15	1						Drilling W/No Returns
4:15	4:45	1/2						Build Volume
4:45	8:00	3 1/4						Drilling Blind
								Fuel 4 feet 2 inches
								52 STROKES — 400 PSI
								49 STROKES — 300 PSI

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
67	Stands D.P.	6303.52 Ft.
5	Singles D.P.	Ft.
2	3.25 DP	60.22
1	22" x 18" O.D.	9.00 Ft.
1	Stock	10.00
18	22" x 18" O.D.	542.87 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub O.D.	3.96 Ft.
1	Bit Sub O.D.	3.99 Ft.
	Kelly Down	14.44 Ft.
	Total	6948.00 Ft.

Wt. of String 178,000 Lbs. — Pipe in Hole 202 Jts. — Pipe on Racks 88 Jts. — Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	7	8
Size	8 3/4	8 3/4
Mfg.	SEC	HW
Type	M88	RX55R
Nozzle No.	3	3
Nozzle Size	12	12
Ser. No.	224179	36720
Depth Out	6948	
Depth In	6510	6948
Total Ftg.	438	
Total Hr. Run	28	
Cond. of Bit	581	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Stone

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6976	6948	2	D			50	20	400	5 1/2	47	5 1/2		S

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						DRILLING
8:15	12:00	3 3/4						HOIST 10 STANDS - W.O.O. - PULL TO SURFACE
12:00	12:30	1/2						LAY DOWN STB.
12:30	12:45	1/4						RIG SERV. - CHECK BOP.
12:45	5:00	5 1/4						RUN IN W/BIT 8

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR	
67	Stands D.P.	6303.52 Ft.
5	Singles D.P.	Ft.
2	3.25 DP	60.22
1	22" x 18" O.D.	9.00 Ft.
1	Stock	10.00
18	22" x 18" O.D.	542.87 Ft.
1	Stb. Body 8" O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub O.D.	3.96 Ft.
1	Bit Sub O.D.	3.99 Ft.
	Kelly Down	16.44 Ft.
	Total	6950 Ft.

Wt. of String 180,000 Lbs. — Pipe in Hole 202 Jts. — Pipe on Racks 88 Jts. — Total Pipe on Lease 290 Jts.

BIT RECORD

Bit No.	8
Size	8 3/4
Mfg.	H.W.
Type	RX55R
Nozzle No.	3
Nozzle Size	12
Ser. No.	36720
Depth Out	
Depth In	6948
Total Ftg.	2
Total Hr. Run	1
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Lloyd Clotten

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6948	6950	2	D			50	10	300	5 1/2	56			S

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig Service
4:15	4:30	1/4						Run in w/bit 8
4:30	4:45	1/4						Break circulation (90' fill on bottom)
4:45	6:30	1 3/4						Reaming fill
6:30	6:45	1/4						Pull pipe 3 stands to build volume
6:45	7:30	3/4						Build volume
7:30	8:00	1/2						Run back in hole
8:00	9:00	1						Ream to bottom & drill 8 3/4" hole
9:00	10:15	1 1/4						Hoist out to casing
10:15	12:00	1 3/4						Wait on loggers

2497

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT SILVAN PLATEAU 6-51-64-00-25-15

Location — Ld. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: MARCH 14, 74

Weather Condition: 8-BELOW Road Conditions: FAIR Nearest Town: NORMAN WELLS Water - Source: SLOUGH Miles Hauled: 2 Pumped ____ Camp Distance from Rig: 1000' Reason for Extra L. Plant: STANDBY

OPERATOR: AQUITAINE OIL Co.

Rig No. 2 DWKS IDECO-74

Drill Pipe String: No. 2 Size 5"

Tool Joint: 5 3/4 O.D. Type Thd. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemaigre

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO MM-600	H.P.	16"
2.	NAT.	C-150-B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36# J-55	85			3258	

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 3/4	7 1/2	3 1/4
Reaming		1/4	
Conditioning Mud & Circulating			
Trips			3 1/4
Lubricate Rig	1/4	1/4	
Deviation Survey			1/4
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1 1/4
Feet Slipped	246
Feet Cut Off	246
Present Length	3354
Ton Mi. or Trips Since Last Cut	70
Cumulative Ton Mi. or Trips	1257
No. of Days From Spud	38
Cumulative Rotating Hrs.	563 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
61	Stands D.P.	6022.44 Ft.
5	Singles D.P.	Ft.
2	2 7/8"	60.22
1	2 7/8" x 7" O.D.	9.00 Ft.
1	Bullock	10.00
18	2 7/8" x 6 1/4" O.D.	542.87 Ft.
1	Stb. Body 7" O.D.	5.42 Ft.
1	Stb. Body 7" O.D.	5.34 Ft.
1	Rmr. Body 7" O.D.	5.37 Ft.
1	Sub 7" O.D.	3.46 Ft.
1	Bit or Sub	3.99 Ft.
	Kelly Down	22.83 Ft.
	Total	6692.00 Ft.
Wt. of String		160,000 Lbs.
Pipe in Hole		193 Jts.
Pipe on Racks		48 Jts.
Total Pipe on Lease		241 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	SEC
Type	M-84
Nozzle No.	3
Nozzle Size	12
Ser. No.	224179
Depth Out	
Depth In	6510
Total Ftg.	182
Total Hr. Run	10 1/2
Cond. of Bit	DALC
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	1 00	3 00	
Weight	8.7	8.7	8.7
Visc.-Sec.	28	28	28
W.L.-C.C.			26.4
FL TR. CK.			
PH	9.	9.	9.0
SD. Cont. %			0.1
Pressure Gradient			1/2 PSI/FT
			PPG 10.0

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC-50#			

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6550	6692	142	DR			50	45	1200	5 1/2	60	5 1/2		S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	12 15	1/4						Rig Serv.
12 15	8 00	7 3/4						Drilling

FUEL 5'4"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
66	Stands D.P.	6178.34 Ft.
	Singles D.P.	Ft.
2	2 7/8"	60.22
1	2 7/8" x 7"	9.00 Ft.
1	Bullock	10.00
18	2 7/8" x 6 1/4" O.D.	542.87 Ft.
1	Stb. Body 7" O.D.	5.42 Ft.
1	Stb. Body 7" O.D.	5.34 Ft.
1	Rmr. Body 7" O.D.	5.37 Ft.
1	Sub 7" O.D.	3.96 Ft.
1	Bit or Sub	3.99 Ft.
	Kelly Down	24.96 Ft.
	Total	6849 Ft.
Wt. of String		163,000 Lbs.
Pipe in Hole		198 Jts.
Pipe on Racks		92 Jts.
Total Pipe on Lease		290 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	SEC
Type	M88
Nozzle No.	3
Nozzle Size	12
Ser. No.	224179
Depth Out	
Depth In	6510
Total Ftg.	339
Total Hr. Run	18
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	10		
Weight	P.F		
Visc.-Sec.	"		
W.L.-C.C.			
FL TR. CK.			
PH	9 -		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Likes

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6692	6849	157	D			50	45	1200	5 1/2	60	5 1/2		S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	1/2						DRILLING 8 3/4" HOLE
8:30	8:45	1/4						RIG SERV. CHECK B.O.P.
8:45	2:15	5 1/2						DRILLING.
2:15	2:30	1/4						REAMING.
2:30	3:00	1/2						DRILLING.
								(LOSING MUD-150 BBLS PER HOUR) 32-SPM-400 PSI
								(CLOSING 6825) PUMP-20 SPM-200 PSI
								40-SPM-550 PSI

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
66	Stands D.P.	6240.78 Ft.
2	Singles D.P.	Ft.
2	2 7/8"	60.22
1	2 7/8" x 7" O.D.	9.00 Ft.
1	Bullock	10.00
18	2 7/8" x 6 1/4" O.D.	542.87 Ft.
1	Stb. Body 7" O.D.	5.42 Ft.
1	Stb. Body 7" O.D.	5.39 Ft.
1	Rmr. Body 7" O.D.	5.37 Ft.
1	Sub 7" O.D.	3.96 Ft.
1	Bit or Sub	3.99 Ft.
	Kelly Down	23.57 Ft.
	Total	6911.00 Ft.
Wt. of String		175,000 Lbs.
Pipe in Hole		200 Jts.
Pipe on Racks		90 Jts.
Total Pipe on Lease		290 Jts.

BIT RECORD

Bit No.	7
Size	8 3/4
Mfg.	SEC
Type	M88
Nozzle No.	3
Nozzle Size	12
Ser. No.	224179
Depth Out	
Depth In	6510
Total Ftg.	401
Total Hr. Run	23 1/2
Cond. of Bit	1-4
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	9 00		
Weight	8.6		
Visc.-Sec.	28		
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6849	6911	62	DR										

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						DRILLING 8 3/4" HOLE WITH PARTIAL RETURNS
8:00	8:15	1/4						RIG SERV.
8:15	9:45	1 1/2						DRILLING PARTIAL RETURNS
9:45	12:00	2 1/4						LOST CIRC. PULL UP INTO CASEING NO RETURNS. (For Repair) (6911')

PAYROLL DATA 2497

DATE MARCH 14 /74

WELL NAME & No. AQUIT SILVAN PLATEAU 6-51-64-00-25-15

COMPANY GUTHRIE McLAREN

TOOL PUSHER Leslie Lemaigre RIG No. 2

MORNING TOUR 12 00 P.M. 8 00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSEN	12
Flrman		BRUCE REWITT	12
Flrman		DAVE FUSHTEY	12
Flrman			
Fireman			

No. OF DAYS 98 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIMORA	12
Drkman		B. TEN HOVE	12
Mtrman		L LABONTE	12
Flrman		B. COULTER	12
Flrman		R. TAUDEAU	12
Flrman			
Fireman			
		Conrad Whyte	12
		George Williams	12
		Albert Moses	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4 00 P.M. 12 00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman			
Fireman			
		Bill Kenworthy	12
		Marvin Batchelor	16

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2496

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT SILVAN PLATEAU C-51 (64-00-125-15 W M.

Date: MAR. 13 74

Weather Condition: 5 BELOW Road Conditions: FAIR Nearest Town: NORMAN WELLS Water - Source: SLOUGH Miles Hauled: 2 Pumped: Camp Distance from Rig: 10 YDS Reason for Extra L. Plant: STAND BY

OPERATOR: AQUITAINE OIL Co.

Rig No. 2 DWKS TOOLPUSHER

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. 5¾ O.D. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Jake Lawrence

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO MM 600 H.P.		16"
2.	NAT	E-350-B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36# J-55	85			3258	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	4¾	2¾
Reaming			
Conditioning Mud & Circulating			
Trips		2¾	3¾
Lubricate Rig	¼	¾	¼
Deviation Survey	½	¼	
Test B.O.P.			
Cut Off Drilling Line			¾
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
CLEAN TO BOTTOM	1		½
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1⅛
Feet Slipped	346
Feet Cut Off	246
Present Length	3354
Ton Mi. or Trips Since Last Cut	90
Cumulative Ton-Mi. or Trips	1257
No. of Days From Spud	37
Cumulative Rotating Hrs.	543

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
61	Stands D.P.	4772.78	Ft.
D	Singles D.P.		Ft.
2	2⅞ X 7"	60.22	
1	2⅞ X 7" O.D.	9.00	Ft.
1	Shock	10.00	
18	7⅝ X 6¼ O.D.	542.87	Ft.
1	Sub Bod 7" O.D.	5.42	Ft.
1	Sub Bod 7" O.D.	5.39	Ft.
1	Rmr. Bod 7" O.D.	5.37	Ft.
1	Sub ⅛ O.D.	3.96	Ft.
1	Bit 8¾	3.99	Ft.
	Kelly Down	41.00	Ft.
	Total	1460.51	Ft.
Wt. of String	150,000		Lbs.
Pipe in Hole	185		Jts.
Pipe on Racks	56		Jts.
Total Pipe on Lease	241		Jts.

BIT RECORD	
Bit No.	6
Size	8¾
Mfg.	HW.
Type	J-55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55216
Depth Out	
Depth In	5620
Total Ftg.	840
Total Hr. Run	48¼
Cond. of Bit	Dalc
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD				
Time	1st	3rd	6th	
Weight	8.7	8.7	8.7	
Visc.-Sec.	28	28	28	
W.L.-C.C.				
FL. TR. CK.				
PH	9.5	✓	✓	
SD. Cont. %				
Pressure Gradient				

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jake Lawrence

FOOTAGE From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6336	6460	124	DR.			60	45	1200	5½	60	5½		5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6365	2¾°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¹⁵	¼						RIG SERV
12¹⁵	2³⁰	2¾						DRILLING
2³⁰	3²⁰	½						SURVEY
3²⁰	8⁰⁰	4½						DRILLING

FUEL 5'

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
62	Stands D.P.	5835.45	Ft.
S	Singles D.P.		Ft.
2	2⅞ X 7"	60.22	
1	2⅞ X 7" O.D.	9.00	Ft.
1	Shock	10.00	
18	7⅝ X 6¼ O.D.	542.87	Ft.
1	Sub Body 7" O.D.	5.42	Ft.
1	Sub Body 7" O.D.	5.39	Ft.
1	Rmr. Body 7" O.D.	5.37	Ft.
1	Sub ⅛ O.D.	3.96	Ft.
1	Bit 8¾	3.99	Ft.
	Kelly Down	24.82	Ft.
	Total	6506	Ft.
Wt. of String	150,000		Lbs.
Pipe in Hole	187		Jts.
Pipe on Racks	54		Jts.
Total Pipe on Lease	241		Jts.

BIT RECORD	
Bit No.	6
Size	8¾
Mfg.	HW.
Type	J-55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55216
Depth Out	6510
Depth In	5620
Total Ftg.	890
Total Hr. Run	53
Cond. of Bit	8-4-1
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD				
Time	10⁰⁰			
Weight	8.7			
Visc.-Sec.	28			
W.L.-C.C.				
FL. TR. CK.				
PH	9.5			
SD. Cont. %				
Pressure Gradient				

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Libman

FOOTAGE From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6460	6500	40	DR.			50	45	1200	5½	60	5½		5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	6500	3°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8⁰⁰	10³⁰	2½						DRILLING 8¾ HOLE
10³⁰	10⁴⁵	¼						RIG SERV. CHECK BOP's
10⁴⁵	1⁰⁰	2¼						DRILLING
1⁰⁰	1¹⁵	¼						DROP SURVEY
1¹⁵	4⁰⁰	2¾						TRIP FOR BIT.

Pump #1 at 28 SPM: 350psi
40 SPM: 550psi

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
62	Stands D.P.	5866.45	Ft.
2	Singles D.P.		Ft.
2	2⅞ X 7"	60.22	
1	2⅞ X 7" O.D.	9.00	Ft.
1	Shock	10.00	
18	7⅝ X 6¼ O.D.	542.87	Ft.
1	Sub Body 7" O.D.	5.42	Ft.
1	Sub Body 7" O.D.	5.39	Ft.
1	Rmr. Body 7" O.D.	5.37	Ft.
1	Sub ⅛ O.D.	3.96	Ft.
1	Bit 8¾	3.99	Ft.
	Kelly Down	36.64	Ft.
	Total	6550.60	Ft.
Wt. of String	160,000		Lbs.
Pipe in Hole	184		Jts.
Pipe on Racks	53		Jts.
Total Pipe on Lease	241		Jts.

BIT RECORD	
Bit No.	7
Size	8¾
Mfg.	SEC
Type	M 58
Nozzle No.	3
Nozzle Size	12
Ser. No.	224174
Depth Out	
Depth In	6510
Total Ftg.	40
Total Hr. Run	2¾
Cond. of Bit	Dalc
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD				
Time	10⁰⁰		12⁰⁰	
Weight	~~8.7~~		8.7	
Visc.-Sec.	~~28~~		28	
W.L.-C.C.				
FL. TR. CK.				
PH	9.		9.	
SD. Cont. %				
Pressure Gradient				

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	50#		

Driller

FOOTAGE From	To	Fege.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6510	6550	40	DR.			50	45	1200	5½	60	5½		5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4⁰⁰	5⁰⁰	1						HOLE FOR BIT
5⁰⁰	5³⁰	½						RUN MWD TOOL
5³⁰	5⁴⁵	¼						TOOL STUCK
5⁴⁵	6³⁰	¾						SLIP & CUT 95 FT. OF LINE
6³⁰	8⁴⁵	2¼						RUN IN W/ BIT #7
8⁴⁵	9¹⁵	½						BREAK CIRC. CLEAN TO BOTTOM
9¹⁵	12⁰⁰	2¾						DRILLING

PAYROLL DATA 2496

DATE MAR. 13 74 6-3-6 125-15

WELL NAME & No. AQUIT SILVAN PLATEAU

COMPANY GUTHRIE McLAREN

TOOL PUSHER Jake Lawrence RIG No. 2

MORNING TOUR 12⁰⁰ P.M. 8⁰⁰ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Firman		BRUCE REUTT	12
Firman		DAVE FUSHTEY	12
Firman			
Fireman			

No. OF DAYS 97 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		R TEN HOVE	12
Mtrman		L LABONTE	12
Firman		B COULTER	12
Firman		R. TRUDEAU	12
Firman			
Fireman			
		GORDEN WHITE	12
		GEORGE WILLIAMS	12
		ALBERT MOSES	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4⁰⁰ P.M. 12⁰⁰ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Firman			
Firman			
Fireman			
		WALLY PODWISKE	
		BILL KENWORTHY	12
		MARVIN ARCHIBALD	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2495

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT SILVAN PLATEAU

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.: E-51 (64-00-125-15

Date: MAR. 12 1974

Weather Condition: COLD Road Conditions: FAIR Nearest Town: NORTHERN WELLS Water - Source: STONE Miles Hauled: 2 Pumped: ____ Camp: Distance from Rig: 100 YDS Reason for Extra L. Plant: STAND BY

OPERATOR: AQUITAINE OIL CO.

Rig No. 2 DWKS Jarco 7-11

Drill Pipe String: No. 5 Size 4½

Tool Joint: Size 5 3/4 O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lweezy

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO MM600 H.P.		16"
2.	NAT	C-150B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 J-55	85			3258	

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2½	8¾	7¼
Reaming			
Conditioning Mud & Circulating			
Trips	4½		
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	1		
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			3 hours
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 1 1/4

Feet Slipped 148

Feet Cut Off 148

Present Length 3452

Ton-Mi. or Trips Since Last Cut 534

Cumulative Ton-Mi. or Trips 1197

No. of Days From Spud 36

Cumulative Rotating Hrs. 528¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
57	Stands D.P.	5335.46	Ft.
—	Singles D.P.		Ft.
2	6.85"	60.22	
1	2 7/8" x 3" O.D.	9.00	Ft.
1	D.C. Stock	10.00	Ft.
18	2 7/8" O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Rmr. Body 7" O.D.	5.37	Ft.
1	Subs 6½ O.D.	3.96	Ft.
1	Bit 8¾	2.99	Ft.
	Kelly Down	41.80	Ft.
	Total	6623.00	Ft.

Wt. of String: 144,000 lbs.

Pipe in Hole: 171 Jts.

Pipe on Racks: 70 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	6
Size	8 3/4
Mfg.	H.W.
Type	J-55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55216
Depth Out	
Depth In	5620
Total Ftg.	403
Total Hr. Run	25½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	6:00
Weight	8.7
Visc.-Sec.	29
W.L.-C.C.	20
FL TR. CK.	3/32
PH	9.0
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	50#		

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5991	6023	32	Dc			60	25-40	1200	5½	60	5½		S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	2:15	2						PULLOUT W/MAGNET
2:15	2:45	½						BREAK OFF MAGNET & FISH, CK BLIND RAMS
2:45	5:00	2¼						RUN IN W BIT
5:00	5:30	½						BREAK CIRC & CLEAN TO BOTTOM
5:30	8:00	2½						DRILLING 8¾ HOLE

FUEL 3'6"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
58	Stands D.P.	5523.54	Ft.
	Singles D.P.		Ft.
2	6.85" x 3"	60.22	
1	2 7/8" x 3" O.D.	9.00	
1	2 7/8" x 3" O.D.	10.00	
18	2 7/8" x 3" O.D.	542.87	
1	Stb. Body O.D.	5.42	
1	Stb. Body 7" O.D.	5.39	
1	Rmr. Body 7" O.D.	5.37	
1	Subs O.D.	3.96	Ft.
1	Bit 8¾	2.99	Ft.
	Kelly Down	9.76	Ft.
	Total	6179	Ft.

Wt. of String: 148,000 Lbs.

Pipe in Hole: 177 Jts.

Pipe on Racks: 64 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	6
Size	8 3/4
Mfg.	HW
Type	J 55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55216
Depth Out	
Depth In	5620
Total Ftg.	559
Total Hr. Run	33¼
Cond. of Bit	DRLG.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	10:00	2:00	4:00
Weight	8.7	8.6	8.6
Visc.-Sec.	29	30	30
W.L.-C.C.			
FL TR. CK.			
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Hans

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6023	6179	156	D			60	45	1200	5½	60	5½		5

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:15	1¼						DRILLING 8¾ HOLE
9:15	9:30	¼						RIG SERV & BOP
9:30	4:00	6½						DRILLING.

weight on Driller 105

CHANGED SAVER SUB.
CHECK & SERVICE KELLY COCK

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
60	Stands D.P.	5648.76	Ft.
5	Singles D.P.		Ft.
2	6.85" x 3"	60.22	
1	2 7/8" x 3" O.D.	9.00	Ft.
1	Stock	10.00	
18	2 7/8" x 3" O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Rmr. Body 7" O.D.	5.37	Ft.
1	Subs O.D.	3.96	Ft.
1	Bit 8¾	3.99	Ft.
	Kelly Down	41.00	Ft.
	Total	6336.49	Ft.

Wt. of String: 150,000 Lbs.

Pipe in Hole: 181 Jts.

Pipe on Racks: 60 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	6
Size	8 3/4
Mfg.	HW
Type	J-55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55216
Depth Out	
Depth In	5620
Total Ftg.	516
Total Hr. Run	41¾
Cond. of Bit	Dalg
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	6:00	10:00	
Weight	8.6	8.7	
Visc.-Sec.	29	28	
W.L.-C.C.			
FL TR. CK.			
PH	9	9.5	
SD. Cont. %			
Pressure Gradient			

DESILTER DISCHARGE 10.9 Gals. per min 855

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	50#		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
6179	6336	157	Dc			60	45	1200	5½	60	5½		5

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						DRILLING 8¾ HOLE
8:00	8:15	¼						RIG SERV
8:15	12:00	3¾						DRILLING

PAYROLL DATA

2495

DATE: MAR. 12 6-51-64-00-125-15

WELL NAME & No. AQUIT SILVAN PLATEAU

COMPANY: GUTHRIE McLAREN

TOOL PUSHER: Leslie Lweezy RIG No. 2

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Firman		BRUCE REWITT	12
Firman		DAVE FUSHTEY	12
Firman			
Fireman			

No. OF DAYS 96 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		R. TER. HAVE	12
Mtrman		L. LABONTE	12
			7
Firman		G. COULTER	12
Firman		R. TRUDEAU	12
Firman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4:00 P.M. 12:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Firman			
Firman			
Fireman			
		GORDON WHITE	12
		GEORGE WILLIAMS	12
		ALBERT MOSES	12

Wally Sidorsky
Bill Kenworthy
Mario Bucciarelli

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2494

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT SILVAN PLATEAU
Location — Lsd. 6-51 Sec. 64-60-15 Twp. 15 Rge. W. M.
Date: MAR. 11 1974

Weather Condition: 10-BELOW Road Conditions: FAIR Nearest Town: NORMAN WELLS Water Source: STREAM Miles Hauled: 2 Pumped: Camp Distance from Rig: 100 FRS Reason for Extra L. Plant: STANDBY

OPERATOR: AQUITAINE OIL Co.

Rig No. 2 DWKB
Drill Pipe String: No. 2 Size 4½
Tool Joint: Size 5¾ O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swaney

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO - MI 600	H.P.	16"
2.	NAT.	C-150-B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	JAP	36# J-55	85			3258	

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	5¾	
Reaming			
Conditioning Mud & Circulating	½		
Trips		½	
Lubricate Rig	¼	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		1¾	
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			SHACK
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1¼
Feet Slipped	148
Feet Cut Off	148
Present Length	3452
Ton Mi. or Trips Since Last Cut	406
Cumulative Ton. Mi. or Trips	1059
No. of Days From Spud	35
Cumulative Rotating Hrs.	510¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
55	Stands D.P.	5241.39	Ft.
2	Singles D.P.		Ft.
2	2¾ X 4"	60.22	
1	2¾ X 7" O.D.	9.00	
1	Shock	10.00	
18	2¾ X 6¾ O.D.	542.87	
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Rmr. Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	14.38	Ft.
	Total	5902.60	Ft.

Wt. of String: 143,000 Lbs.
Pipe in Hole: 167 Jts.
Pipe on Racks: 74 Jts.
Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	6	
Size	8¾"	
Mfg.	H.W.	
Type	J-55	
Nozzle No.	3	
Nozzle Size	12	
Ser. No.	55216	
Depth Out		
Depth In	5620	
Total Ftg.	282	
Total Hr. Run	18	
Cond. of Bit	Dalg	
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	1:00	3:00	6:00
Weight	8.8	8.9	8.8
Visc.-Sec.	29	28	29
W.L.-C.C.		19.4	↓
FL TR. CK.	3/32	↓	3/32
PH	9.5	↓	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CAUSTIC	50#		

Driller: Jack Wenger

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5785	5902	117	D			50-55	45	1200	5½	60	5½		S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	8:30	7¾						DRL LINE 8¾" HOLE
7:30	8:00	½						CIRC. SAMPLE FOR GEOLOGIST
								FUEL - 4'10"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
56	Stands D.P.	5303.96	Ft.
5	Singles D.P.		Ft.
2	2¾ X 4"	60.22	
1	2¾ X 7" O.D.	9.00	Ft.
1	D.C.		
16	2¾ X 6¾		Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Rmr. Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit or Sub	3.99	Ft.
	Kelly Down	41.80	Ft.
	Total	5991	Ft.

Wt. of String: 142,000 Lbs.
Pipe in Hole: 169 Jts.
Pipe on Racks: 172 Jts.
Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	6	
Size	8¾	
Mfg.	H.W.	
Type	J-55	
Nozzle No.	3	
Nozzle Size	12	
Ser. No.	55216	
Depth Out		
Depth In	5620	
Total Ftg.	371	
Total Hr. Run	23	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	10:00	1:00	
Weight	9.0	9.2	
Visc.-Sec.	29	29	
W.L.-C.C.			
FL TR. CK.			
PH	9	9.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dewayne Sikora

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5902	5991	89	D										S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½						CIRC SAMPLE FOR GEOLOGIST
8:30	10:00	1½						DRILLING 8¾ HOLE
10:00	10:15	¼						RIG SERV.
10:15	1:45	3½						DRILLING
1:45	2:15	½						SURVEY
2:15	3:30	1¼						FISHING FOR SURVEY.
3:30	4:00	½						HOIST FOR SURVEY.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
56	Stands D.P.	5303.96	Ft.
5	Singles D.P.		Ft.
2	2¾ X 4"	60.22	
1	2¾ X 7" O.D.	9.00	Ft.
1	Shock	10.00	
18	2¾ X 6¾ O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Rmr. Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit or Sub	3.99	Ft.
	Kelly Down	41.80	Ft.
	Total	5991	Ft.

Wt. of String: 143,000 Lbs.
Pipe in Hole: Jts.
Pipe on Racks: Jts.
Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	6
Size	8¾
Mfg.	H.W.
Type	J-55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55216
Depth Out	
Depth In	5620
Total Ftg.	371
Total Hr. Run	23
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5991			D										

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:30	2½						HOIST
6:30	7:00	½						RUN IN
7:00	7:30	½						HOIST TO RUN IN W/MAGNET
7:30	8:00	½						MAKE UP MAGNET
8:00	11:00	3						RUN IN W/MAGNET
11:00	11:30	½						WORK MAGNET & CIRC.
11:30	12:00	½						PULL OUT W/MAGNET

PAYROLL DATA

2494

DATE: MARCH 11/74 G-51-64-60-15 Sec 5
WELL NAME & No. AQUIT SILVAN PLATEAU.
COMPANY GUTHRIE McLAREN
TOOL PUSHER: Leslie Swaney RIG No. 2

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Flrman		BRUCE REUTT	12
Flrman		DAVE FUSHTEY	12
Flrman			
Fireman			

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		B. JEAN LOUIE	12
Mtrman		L. LAMONTIE	12
Flrman		G. COULTER	12
Flrman		R. TRUDEAU	12
Flrman			
Fireman			
		Gordon WHITE	12
		George WILLIAMS	12
		ALBERT MOSES	12

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4:00 P.M. 12:00 A.M.

CREW	SOC. SEC. No	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman			
Fireman			
		WALLY RADWAKE	
		BILL HENWORTHY	12
		MARVIN BEECHELD	12

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

GUTHRIE McLAREN Drilling Ltd.

2493

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT SILVAN PLATEAU 6-51-164-00W5 13-25

Date: MAR. 10 1974

Location — Lsd. — Sec. — Twp. — Rge. — W. — M.

Weather Condition: 20-BELOW SNOW Road Conditions: FAIR Nearest Town: NORMAN WELLS Water - Source: SLOUGH Miles Hauled: 2 Camp Distance from Rig: 100-400' Pumped: — Reason for Extra L. Plant: CAMP

OPERATOR: AQUITAINE O.L Co.

Rig No. 2 DWKS

Drill Pipe String: No. — Size 3½"

Tool Joint: Type Thd. F.H 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemmy

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-MM 600	H.P.	11"
2.	NAT	C-150-B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSO. HD.	Set at	Remarks
9⅝	JAP	36 K55	85			3258	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		3	7¼
Reaming			
Conditioning Mud & Circulating			
Trips		4	
Lubricate Rig	1/4	3/4	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		3¼	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 1/16

Feet Slipped 148

Feet Cut Off 148

Present Length 3452

Ton Mi. or Trips Since Last Cut 6172

Cumulative Ton Mi. or Trips 825

No. of Days From Spud 34

Cumulative Rotating Hrs. 498

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
52	Stands D.P.	4932.12	Ft.
8	Singles D.P.		Ft.
2	DP 4½ XH	60.22	
1	3½ XH Q.D.	9.00	Ft.
1	Bit Sub	10.00	
18	8" 4½ XH I.D. 8" 4½ XH O.D.	542.87	Ft.
1	Sub Body 7" O.D.	5.42	Ft.
1	Sub Body 7" O.D.	5.34	Ft.
1	Rmr. Sub Body O.D.	5.37	Ft.
1	Sub 7" O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	41.80	Ft.
	Total	5620.16	Ft.
Wt. of String		140000	Lbs.
Pipe in Hole		157	Jts.
Pipe on Racks		84	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD

Bit No.	5
Size	8¾
Mfg.	HW.
Type	J-55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55213
Depth Out	
Depth In	5060
Total Ftg.	560
Total Hr. Run	45¼
Cond. of Bit	Hold T.
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	1st	5th
Weight	8.8	8.8
Visc.-Sec.	30	31
W.L.-C.C.	17	
FL TR. CK.	2/32	C
PH	9.	C
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
5530	5620	90	D.			55-60	45	1200	5½	60			S

Deviation Record: Depth 5610 Dev. 2¾ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	5:45	5½						DRILLING 8¾" HOLE
5:45	6:45	1						RUN SURVEY, BARREL FELL OFF
6:45	8:00	1¼						HOIST FOR SURVEY.

3.4

"HELD BLOWOUT DRILL"

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
54	Stands D.P.	5117.01	Ft.
5	Singles D.P.		Ft.
2	DP 4½ XH	60.22	
1	3½ XH Q.D.	9.00	Ft.
1	Bit Sub	10.00	
18	8" 4½ XH I.D. 8" 4½ XH O.D.	542.87	Ft.
1	Sub Body 7" O.D.	5.42	Ft.
1	Sub Body 7" O.D.	5.39	Ft.
1	Rmr. Sub Body O.D.	5.37	Ft.
1	Sub 7" O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	21.76	Ft.
	Total	5785.00	Ft.
Wt. of String		143,000	Lbs.
Pipe in Hole		163	Jts.
Pipe on Racks		79	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD

Bit No.	6	
Size	8¾	
Mfg.	HW.	
Type	J-55	
Nozzle No.	3	
Nozzle Size	12	
Ser. No.	55216	
Depth Out		
Depth In	5620	
Total Ftg.	165	
Total Hr. Run	10¾	
Cond. of Bit	Dalg	
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	6:00	9:00
Weight	8.9	8.8
Visc.-Sec.	29	29
W.L.-C.C.	18.2	18.5
FL TR. CK.	2/32	V
PH	9.5	V
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
5620	5670	50	D			50-55	45	1200	5½	60	5½		S

Deviation Record: Depth — Dev. — Direction —

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:00	2	U					HOIST FOR SURVEY
10:00	12:00	2						RUN IN W/BIT 6
12:00	12:15	¼						RIG SERV.
12:15	12:30	¼						BREAK CIRC.
12:30	1:00	½						CLEAN TO BOTTOM.
1:00	4:00	3						DRILLING 8¾" HOLE

tight coming off bottom

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
5670	5785	115	DR.			50-55	45	1200	5½	60	5½		S

Deviation Record: Depth — Dev. — Direction —

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:15	2¼						DRILLING 8¾" HOLE
6:15	6:30	¼						RIG SERV.
6:30	12:00	5½						DRILLING.

PAYROLL DATA

2493

DATE: MARCH 10 1974

WELL NAME & No.: AQUIT SILVAN PLATEAU 6-51-164-00 W5 13-25

COMPANY: GUTHRIE McLAREN

TOOL PUSHER: Leslie Lemmy RIG No. 2

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mirman		TIM HENSH	12
Flrman		BRUCE REVITT	12
Flrman		DAVE FUSHTEY	12
Flrman			
Fireman			

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		A. TEN HOUVE	12
Mirman		L. LABONTE	12
Flrman		G. COULTER	12
Flrman		R. TRUDEAU	12
Flrman			
Fireman			
		GEORGE WILLIAMS	12
		ALBERT MOSES	12

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 5:00 P.M. 12:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mirman			
Flrman			
Flrman			
Flrman			
Fireman			
		WALLY PODIACHE	
		BILL KENNEDY	
		MARVIN BACHELOR	12

No. OF DAYS _____ SINCE LAST LOST TIME ACCIDENT

2492

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form. 6

Lease Well Name: AQUITAINE SILVER PLATEAU 6-3-1

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: MARCH 9 1974

Weather Condition: 25 BELOW Road Conditions: FAIR

Nearest Town: NORMAN WELLS Water - Source: LAKE Miles Hauled: 2 Pumped: ____ Camp Distance from Rig: 1000 yds. Reason for Extra L. Plant: ____

OPERATOR: AQUITAINE OIL Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lweezy

Rig No. 2 DWKS 7-41 Derrick 2 47'

Drill Pipe String: No. ____ Size ____

Tool Joint: Type Thd. 6 O.D. 5 1/4

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	ALA IDECO - CANADA	C-150-B	16"
2.	NAT.	C-150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set. at	Remarks
9 5/8	JAP	36# K55	85			3258	

PAYROLL DATA 2492

DATE MAR. 9 '74

WELL NAME & No. CS/164.00-115-15

COMPANY GUTHRIE McLAREN

TOOL PUSHER Leslie Lweezy RIG No. 2

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/4	7 3/4	7 3/4
Reaming			
Conditioning Mud & Circulating			
Trips	4 3/4		4 3/4
Lubricate Rig	1/4	1/4	1/4
Deviation Survey			
Test B.O.P.			
Cast Off Drilling Line	2		2
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	1		1
Fishing			
A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 1 1/4

Feet Slipped 148

Feet Cut Off 148

Present Length 3452

Ton Mi. or Trips Since Last Cut 55

Cumulative Ton Mi. or Trips 708

No. of Days From Spud 33

Cumulative Rotating Hrs. 481 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
49	Stands D.P.	4LR.02	Ft.
5	Singles D.P.		Ft.
2	D.C. 5 1/2"	60.22	
1	7 3/4" I.D. 9" O.D.	9.01	Ft.
1	Shock	10.00	
18	2 7/8" x 6.5# O.D.	542.87	Ft.
1	Stb. Body 7 3/4" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Near Stb. Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.46	Ft.
1	Bit 5 7/8" O.D.	3.99	Ft.
	Kelly Down	41.80	Ft.
	Total	5307.00	Ft.
Wt. of String		180,000	Lbs.
Pipe in Hole		148	Jts.
Pipe on Racks		93	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD

Bit No.		5
Size		8 3/4
Mfg.		H.W
Type		J.55
Nozzle	No.	3
	Size	12
Ser. No.		55213
Depth Out		
Depth In		5060
Total Ftg.		244
Total Hr. Run		21 1/4
Cond. of Bit		Dalg
Reamer No.		
Reamer Type		

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

MUD RECORD

Time	7:00		
Weight	8.9		
Visc.-Sec.	30		
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jack Wenger

FOOTAGE

From	To	Fage.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5307			D										

Deviation Record: Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0001	1:30	1 1/2						RIG SERV
1:30	2:00	2 1/4						HOIST OUT FOR SURVEY
3:00	3:30	1 1/2						REC. SURVEY, CK BLIND RAMS.
3:30	5:00	2						SLIP & CUT 98' LINE
5:00	7:30	2 1/2						RUN IN HOLE
7:30	8:00	1/2						BRAKE CLRS CLEAN TO BOTTOM - NO FILL
								FUEL - 1'9"

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Fireman		BRUCE REWITT	12
Fireman		DAVE TUSHTEY	12
Fireman			
Fireman			

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
50	Stands D.P.	4744.38	Ft.
5	Singles D.P.		Ft.
2	D.C. 5 1/2"	60.22	
1	7 3/4" I.D. 9" O.D.	9.01	Ft.
1	Shock	10.00	
18	2 7/8" x 6.5# O.D.	542.87	Ft.
1	Stb. Body 7 3/4" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Near Stb. Body 7" O.D.	5.37	Ft.
1	Subs O.D.	3.96	Ft.
1	Bit 5 7/8" O.D.	3.99	Ft.
	Kelly Down	24.38	Ft.
	Total	5414	Ft.
Wt. of String		140.000	Lbs.
Pipe in Hole		151	Jts.
Pipe on Racks		90	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD

Bit No.		5
Size		8 3/4
Mfg.		HW
Type		J.55
Nozzle	No.	3
	Size	12
Ser. No.		55213
Depth Out		
Depth In		5060.
Total Ftg.		351
Total Hr. Run		32.
Cond. of Bit		DOO.
Reamer No.		
Reamer Type		

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

MUD RECORD

Time	10:00	12:00	4:00	
Weight	8.9	8.9	8.9	
Visc.-Sec.	32	32	33	
W.L.-C.C.	14.6			
FL TR. CK.	1/32			
PH	9.5	9	9.5	
SD. Cont. %				
Pressure Gradient				

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	50 lbs		
Pilfer	15 "		

Driller: Dennis Adams

FOOTAGE

From	To	Fage.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5307	5414	107	D			60	45	1200	5 1/2	60	5 1/2		5

Deviation Record: Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:00	2						DRILLING 8 3/4 HOLE.
10:00	10:15	1/4						RIG SERV.
10:15	4:00	5 3/4						DRILLING.

Weight out of Dennis 10.2

HELD SAFETY MEETING ON BLOW OUT DRILL

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		B. TEN HOVE	12
Mtrman		L. LABONTE	12
Fireman		G. COULTER	12
Fireman		R. TRUDEAU	12
Fireman		GEORGE WILLIAMS	12
Fireman		ALBERT MOSES	12

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
51	Standa D.P.	4869.61	Ft.
2	Singles D.P.		Ft.
2	D.C. 5 1/2"	60.22	
1	7 3/4" I.D. 9" O.D.	9.01	Ft.
1	Shock	10.00	
18	2 7/8" x 6.5# O.D.	542.87	Ft.
1	Stb. Body 7 3/4" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Near Stb. Body 7" O.D.	5.37	Ft.
1	Subs O.D.	3.96	Ft.
1	Bit 5 7/8" O.D.	3.99	Ft.
	Kelly Down	14.16	Ft.
	Total	5530.00	Ft.
Wt. of String		140,000	Lbs.
Pipe in Hole		155	Jts.
Pipe on Racks		86	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD

Bit No.		5
Size		8 3/4
Mfg.		H.W.
Type		J.55
Nozzle	No.	3
	Size	12
Ser. No.		55213
Depth Out		
Depth In		5060
Total Ftg.		470
Total Hr. Run		39 3/4
Cond. of Bit		Dalg
Reamer No.		
Reamer Type		

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ____

Trucker ____

Trucker ____

MUD RECORD

Time	6:00		10:00
Weight	9		8.8
Visc.-Sec.	29		30
W.L.-C.C.	19.0		17
FL TR. CK.	-		3/32
PH	9		9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller ____

FOOTAGE

From	To	Fage.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5414	5530	116	DO			60	45	1200	5 1/2	60	5 1/2		5

Deviation Record: Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____ | Depth ____ Dev. ____ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:45	3/4						DRILLING 8 3/4 HOLE.
4:45	5:00	1/4						RIG SERV
5:00	12:00	7						DRILLING.

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR 4:00 P.M. 12:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Fireman			
Fireman			
Fireman			
Fireman			
Cook		BILL KENNEDY	
WATCHMAN		WALLY POTVIN	
Base		MARVIN BATCHELOR	14

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2491

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Apatite Silver Hotcake Co #1 — Date: March 8, 1974

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Weather Condition: -25° — Road Conditions: Fair — Nearest Town: Viking with — Water — Source: Lake — Miles Hauled: 2 — Pumped: ____ — Camp Distance from Rig: ____ — Reason for Extra L. Plant: ____

OPERATOR: Apatite

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swaagzy

Rig No. 2 DWKS — Drill Pipe String: No. 2, Size 4½ — Tool Joint: Type Thd. FH, O.D. 6"

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Wheeler	Duplex	16
2.	National	Cir 3	16
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Tex.	36 K-55	45			3238	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7¾	5¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey			½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			2

COMPLETION WORK: A. Perforating; B. Tubing Trips; C. Swabbing; D. Testing; E. Additional

Totals: ¼ | 8 | 8

TIME SUMMARY (Office Use Only)

Day Work; Hrs. W/DP; Hrs. WO/DP; Hrs. Standby; Total Day Work

WIRE LINE RECORD

Reel No. 27562 — No. of Lines 8 — Size 1⅛ — Feet Slipped 50 — Feet Cut Off 50 — Present Length 3550 — Ton Mi. or Trips Since Last Cut 597 — Cumulative Ton Mi. or Trips 597 — No. of Days From Spud 32 — Cumulative Rotating Hrs.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
49	Stands D.P.	4415.91	Ft.
	Singles D.P.		Ft.
3	D.C.-1	Go 33	
1	Stb. Body 7" O.D.	7.41	Ft.
1	D.C.-1	30.00	
18	8" O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Reh. Body 7" O.D.	5.37	Ft.
1	Sub 7" O.D.	3.96	Ft.
1	Bit on Sub	3.99	Ft.
	Kelly Down	29.97	Ft.
	Total	5169	Ft.

Wt. of String: 150,000 Lbs. — Pipe in Hole: 144 Jts. — Pipe on Racks: 97 Jts. — Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	5	
Size	8¾	
Mfg.	HW.	
Type	J-55	
Nozzle No.	3	
Nozzle Size	12	
Ser. No.	55213	
Depth Out		
Depth In	5060	
Total Ftg.	109	
Total Hr. Run	11¼	
Cond. of Bit	IN	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	1:00	11:00	7:00
Weight	8.9	8.9	8.9
Visc.-Sec.	36	36	35
W.L.-C.C.	14	14.2	13.6
FL TR. CK.	2/32	2/32	
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: Harold Chatters

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5043	5169	76	D			50	40	1100	5½	56			5

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:00	¼						Rig Service
12:00	8:00	7¾						Drilling 8¾ hole

Fuel 3'4"

PAYROLL DATA — 2491

DATE March 8, 1974
WELL NAME & No. Apatite Silver Hotcake Co #1
COMPANY Apatite
TOOL PUSHER Leslie Swaagzy — RIG No. 2

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	16
Drkman		Wayne Sikora	16
Mtrman		Al Wedke	16
Firman		Mac Tomchuk	16
Firman		Steve Radomski	16
Firman			
Fireman			
		4 hrs. travel time to Edmonton included	

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
49	Stands D.P.	4587.96	Ft.
	Singles D.P.		Ft.
2	D.C.	60.22	
1	D.C.	9.01	Ft.
1	Stab. Body 7" O.D.	5.42	Ft.
1	Stab. Body 7" O.D.	5.39	Ft.
1	Reh. Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit on Sub	3.99	Ft.
	Kelly Down	12.81	Ft.
	Total	5241.00	Ft.

Wt. of String: 149,000 Lbs. — Pipe in Hole: 147 Jts. — Pipe on Racks: 94 Jts. — Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	5	
Size	8¾	
Mfg.	Hwi	
Type	J-55	
Nozzle No.	3	
Nozzle Size	12	
Ser. No.	55213	
Depth Out		
Depth In	5060	
Total Ftg.	187	
Total Hr. Run	19	
Cond. of Bit	Drlg	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	9:00	11:00	2:00
Weight	8.9	8.9	8.9
Visc.-Sec.	35	32	31
W.L.-C.C.	15	13.	15
FL TR. CK.		2/32	
PH	9.5	9.5	9
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5169	5247	78	DR.			55		1100	5½	56	5½		5

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv. R.O.P. & Ck Motor Shut Off
8:15	4:00	7¾						Drilling 8¾" Hole

PAYROLL DATA — 2491

DATE March 8, 1974
WELL NAME & No. Apatite Silver Hotcake Co #1
COMPANY Apatite
TOOL PUSHER Leslie Swaagzy — RIG No. 2

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Jack Wencer	12
Drkman		Joe Tysowski	12
Mtrman		Tim Hensch	12
Firman		Bruce Rewitt	12
Firman		Dave Fushtey	12
Firman		George Williams	12
Fireman		Albert Moses	12

No. OF DAYS 92 SINCE LAST LOST TIME ACCIDENT — Wally Jedrasko

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
49	Stands D.P.	4619.02	Ft.
5	Singles D.P.		Ft.
2	D.C.	60.22	
1	D.C.	9.01	Ft.
1	D.C.	10.00	
14	D.C.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Reh. Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit on Sub	3.99	Ft.
	Kelly Down	41.60	Ft.
	Total	5307	Ft.

Wt. of String: 152,000 Lbs. — Pipe in Hole: 148 Jts. — Pipe on Racks: 93 Jts. — Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	5	
Size	8¾	
Mfg.	H.W.	
Type	J-55	
Nozzle No.	3	
Nozzle Size	12	
Ser. No.	55213	
Depth Out		
Depth In	5060	
Total Ftg.	247	
Total Hr. Run	24¼	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ____ Trucker ____ Trucker ____

MUD RECORD

Time	6:00	8:00	10:00
Weight	9	8.9	8.9
Visc.-Sec.	33	32	31
W.L.-C.C.	16		12.8
FL TR. CK.	2/32		2/32
PH	9	9	8.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: [illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
5169	5306	57	D			55-60	40	1200	5½	60	5½		5

Deviation Record: Depth / Dev. / Direction / Depth / Dev. / Direction / Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:15	2¼						DRILLING 8¾" HOLE
6:15	6:30	¼						RIG SERV
6:30	9:30	3						DRILLING
9:30	10:00	½						SLAKE
10:00	12:00	2						FISHING FOR SURVEY

PAYROLL DATA — 2491

DATE March 8, 1974
WELL NAME & No. Apatite Silver Hotcake Co #1
COMPANY Apatite
TOOL PUSHER Leslie Swaagzy — RIG No. 2

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. Sikora	16
Drkman		B. Ten Hove	16
Mtrman		L. Lagonte	16
Firman		G. Coulter	16
Firman		R. Trudeau	16
Firman			
Fireman			
		8 hr. travel time from formation to rig	
		Golden Prospect Bill Hemsworth Norm Golowich Marlin Patchelak	14

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2490

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Agwi Silvan Plateau G-51 | Date: March 7 1974

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Weather Condition: -25° | Road Conditions: Fair | Nearest Town: Norman Wells | Water - Source: Lake, Miles Hauled: 2, Pumped: ____ | Camp Distance from Rig: ____, Reason for Extra L. Plant: ____

OPERATOR: Aquitaine

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D Cmoore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lueneyer

Rig No. 2 | DWKS: Ideco 7-B | Drill Pipe String: No. 4½, Size 2 | Tool Joint: 6" O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm600	16
2.	National	C-100 B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36 K55	85			3288	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual		3½	
Reaming			
Conditioning Mud & Circulating			Shacks up
Trips	2½		2¼
Lubricate Rig	¼		
Deviation Survey	¼		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test	5		
Other			2¼
Fishing			
COMPLETION WORK A. Perforating			
B. Tubeing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 1/8

Feet Slipped 50

Feet Cut Off 50

Present Length 3550

Ton Mi. or Trips Since Last Cut 597

Cumulative Ton Mi. or Trips 597

No. of Days From Spud 31

Cumulative Rotating Hrs. 445

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
47	Stands D.P.	4399.79	Ft.
	Singles D.P.		Ft.
2	6⅝ x 7"	60.22	
1	2¼" x 3" O.D.	9.01	Ft.
	D.C. 7"	10.00	
18	7¾ x 6¾	542.87	Ft.
1	Stb. Body 7⅞ O.D.	5.42	Ft.
1	Stb. Body 7⅞ O.D.	5.39	Ft.
1	Rmr. Body 7⅞ O.D.	5.37	Ft.
1	Sub 7⅞ O.D.	3.96	Ft.
1	Bit or C.B. 7⅞	3.99	Ft.
	Kelly Down	13.98	Ft.
	Total	5060	Ft.

Wt. of String 145,000 Lbs. | Pipe in Hole 141 Jts. | Pipe on Racks 100 Jts. | Total Pipe on Lease 241 Jts.

BIT RECORD	
Bit No.	4
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	12
Ser. No.	914321
Depth Out	5060
Depth In	4807
Total Ftg.	253
Total Hr. Run	28
Cond. of Bit	3-2-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. | O.T. Hrs. | Trucker | Trucker | Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: David Chalters

FOOTAGE: From 5060 | To | Ftge.

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1: Liner Size, S.P.M. | Pump No. 2: Liner Size, S.P.M. | Method Run: SGL-S Par'el-P Com'd-C

Deviation Record: Depth 5060, Dev. 2°, Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
10:00	12:15	¼						Rig Service
12:15	12:30	¼						Drop Survey
12:30	3:00	2½						Hoist out to test
3:00	7:00	4:00						Pick up Testing Tool
7:00	8:00	1						Running in Test #1

Testing Tool 71'

Fwet 4'6"

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
47	Stands D.P.	4399.79	Ft.
2	Singles D.P.	60.22	Ft.
1	2¼" x 3" O.D.	9.01	Ft.
	D.C. 7"	10.00	
18	7¾ x 6¾	542.87	Ft.
1	Stb. Body 7⅞ O.D.	5.42	Ft.
1	Stb. Body 7⅞ O.D.	5.39	Ft.
1	Rmr. Body 7⅞ O.D.	5.37	Ft.
1	Sub 7⅞ O.D.	3.96	Ft.
1	Bit or Stab. 7⅞	3.99	Ft.
	Kelly Down	15.63	Ft.
	Total	5093	Ft.

Wt. of String 45,000 Lbs. | Pipe in Hole 142 Jts. | Pipe on Racks 99 Jts. | Total Pipe on Lease 241 Jts.

BIT RECORD	
Bit No.	5
Size	9⅞
Mfg.	HO
Type	S55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55213
Depth Out	
Depth In	5060
Total Ftg.	33
Total Hr. Run	3½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. | O.T. Hrs. | Trucker | Trucker | Trucker

MUD RECORD

Time	9:00		
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller

FOOTAGE: From 5060 | To | Ftge.

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1: Liner Size, S.P.M. | Pump No. 2: Liner Size, S.P.M. | Method Run: SGL-S Par'el-P Com'd-C

Deviation Record: Depth, Dev., Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	8:15	¼						Rig Serv., B.O.P. Ck., & Motor Shut Off
8:15	10:00	1¾						Run in w/ Test #1
10:00	11:00	1						Head up to Test
11:00	1:30	2½						Testing
1:30	3:30	2						Pull out w/ Test #1
3:30	4:00	½						Break Down Test Tool

D.S.T. #1 Int. 4830-5060

Weak Initial Decreasing to very weak on Preflow

No Blow on Main Flow Preflow 5 min IS.I. 6 min I.C.O.P. 30 Min I.C.I.P. 30

Rec 10 Ft Drlg mud.

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
47	Stands D.P.	4399.79	Ft.
2	Singles D.P.	60.22	Ft.
1	2¼" x 3" O.D.	9.01	Ft.
	D.C. 7"	10.00	
18	7¾ x 6¾	542.87	Ft.
1	Stb. Body 7⅞ O.D.	5.42	Ft.
1	Stb. Body 7⅞ O.D.	5.39	Ft.
1	Rmr. Body 7⅞ O.D.	5.37	Ft.
1	Sub 7⅞ O.D.	3.96	Ft.
1	Bit or Stab. 7⅞	3.99	Ft.
	Kelly Down	15.63	Ft.
	Total	5093	Ft.

Wt. of String 45,000 Lbs. | Pipe in Hole 142 Jts. | Pipe on Racks 99 Jts. | Total Pipe on Lease 241 Jts.

BIT RECORD	
Bit No.	5
Size	9⅞
Mfg.	HO
Type	S55
Nozzle No.	3
Nozzle Size	12
Ser. No.	55213
Depth Out	
Depth In	5060
Total Ftg.	33
Total Hr. Run	3½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. | O.T. Hrs. | Trucker | Trucker | Trucker

MUD RECORD

Time	9:00	10:00	12:00
Weight	8.9	8.9	8.9
Visc.-Sec.	44	45	44
W.L.-C.C.	14	14	14
FL TR. CK.	32		
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Driller: Jack Wenger

FOOTAGE: From 5060 | To 5093 | Ftge. 33

DR-D RM-R Core-C: D. | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM: 45 | Wt. on Bit 1000 Lbs.: 40 | Pump Press: 1200 | Pump No. 1: Liner Size 5½, S.P.M. 58 | Pump No. 2: Liner Size, S.P.M. | Method Run: SGL-S Par'el-P Com'd-C: S

Deviation Record: Depth, Dev., Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						Break Down and Load out Test Tools
6:00	8:15	2¼						Run in w/ B.I.T #5
8:15	8:30	¼						Break circulation
8:30	12:00	3½						Drilling 8¾" hole

PAYROLL DATA

2490

DATE March 7, 1974

WELL NAME & No. Agwi Silvan Plateau G-51

COMPANY Aquitaine

TOOL PUSHER Leslie Lueneyer RIG No. 2

MORNING TOUR 12:00 P.M. 2:40 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chalters	12
Drkman		Wayne Sikora	16
Mtrman		Al Medke	16
Flrman		Martin Baudreau	12
Flrman		Steve Radmanovich	12
Flrman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 12:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HEMSCH	12
Flrman		BRUCE REDITT	12
Flrman		DAVE FUSHTEY	12
Flrman			
Fireman			

No. OF DAYS 91 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman		ALBERT MOSES	12
Flrman		GEORGE WILLIAMS	12
Fireman			
		Marvin Batchelor	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2489

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 4

Lease Well Name: Aquitaine Silvan Plateau G-51

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: March 6 1974

Weather Condition: -25° Road Conditions: Fair Nearest Town: Norman Wells Water - Source: Lake Miles Hauled: 2 Pumped: ___ Camp Distance from Rig: ___ Reason for Move: L. Plant

OPERATOR: Aquitaine

Rig No. 2 DWKS Ideco T-H

Drill Pipe String: No. 2 Size 4½ Type Thd. F.H.

Tool Joint: 6" O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D. O'Brien

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemaigre

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	MM600	16
2.	National	C15A3	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Jap	36 K55	85			3258	

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7¼	4¾
Reaming			
Conditioning Mud & Circulating			2½
Trips			
Lubricate Rig	¼	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			¼
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 4½

Feet Stripped 50

Feet Cut Off 50

Present Length 3550

Ton Mi. or Trips Since Last Cut 387

Cumulative Ton Mi. or Trips 387

No. of Days From Spud 30

Cumulative Rotating Hrs. 441½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
45	Stands D.P.	4212.12	Ft.
2	Singles D.P.	62.33	Ft.
2	2⅞ x 7"	60.22	Ft.
1	2⅞ x 7" O.D.	9.01	Ft.
Sleeve	5¼ D 2⅞ x 7"	10.00	
18	3½ x 6¼ O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Sub Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit Sub O.D.	3.99	Ft.
	Kelly Down	21.12	Ft.
	Total	4942	Ft.

Wt. of String: 143,000 Lbs.

Pipe in Hole: 137 Jts.

Pipe on Racks: 104 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD	
Bit No.	4
Size	8¾
Mfg.	Sec
Type	S 88
Nozzle No.	3
Nozzle Size	12
Ser. No.	914321
Depth Out	
Depth In	4807
Total Ftg.	135
Total Hr. Run	15½
Cond. of Bit	1/0
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD			
Time	12:00	4:00	7:00
Weight	9.0	9.0	9.0
Visc.-Sec.	45	60	44
W.L.-C.C.			11.6
Fl. Tk. Ck.			2/32
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500 #	162	
Sodaash	400 #	162	
Uni-cal	150 #	162	

Driller: Daniel Chartrand

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4869	4942	73	D			60	40	1100	5½	56			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	8:00	7¾						Drilling 8¾" hole

Fuel 2" 10"

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
46	Stands D.P.	4337.44	Ft.
5	Singles D.P.		Ft.
2	2⅞ x 7"	60.22	
1	2⅞ x 7" O.D.	9.01	Ft.
Sleeve	5¼ D 2⅞ x 7"	10.00	
18	3½ x 6¼ O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Sub Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit Sub O.D.	3.99	Ft.
	Kelly Down	21.37	Ft.
	Total	5015.00	Ft.

Wt. of String: 144,000 Lbs.

Pipe in Hole: 139 Jts.

Pipe on Racks: 102 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD	
Bit No.	4
Size	8¾
Mfg.	SEC
Type	S-88
Nozzle No.	3
Nozzle Size	12
Ser. No.	914321
Depth Out	
Depth In	4807
Total Ftg.	208
Total Hr. Run	23¼
Cond. of Bit	1A
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD			
Time	9:00	10:00	3:00
Weight	9.1	9.1	9.1
Visc.-Sec.	39	50	95
W.L.-C.C.			14
Fl. Tk. Ck.			2/32
PH	9	9.5	✓
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Cell	300 #		
UniCal	~~250~~ 350 #		
PelTex	250 #		
Caustic	200 #		
Sodaash	400 #		

Driller: Jack Wenger

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4942	5015	73	D		DR.	55-60	35-40	1/1500	5½	56			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:00	9:15	¼						Rig Serv. Rig O.K. ck. Motor Shutoffs
9:15	4:00	7¾						Drilling 8¾" Hole

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
47	Stands D.P.	4399.79	Ft.
	Singles D.P.		Ft.
2	2⅞ x 7"	60.22	
1	2⅞ x 7" O.D.	9.01	Ft.
Sleeve	5¼ D 2⅞ x 7"	10.00	
18	3½ x 6¼ O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Sub Body 7" O.D.	5.37	Ft.
1	Sub O.D.	3.96	Ft.
1	Bit Sub O.D.	3.99	Ft.
	Kelly Down	13.98	Ft.
	Total	5060	Ft.

Wt. of String: 145,000 Lbs.

Pipe in Hole: 141 Jts.

Pipe on Racks: 100 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD	
Bit No.	4
Size	8¾
Mfg.	SEC.
Type	S-88
Nozzle No.	3
Nozzle Size	12
Ser. No.	914321
Depth Out	
Depth In	4807
Total Ftg.	253
Total Hr. Run	28
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD			
Time		8:00	11:00
Weight		8.9	8.9
Visc.-Sec.		43	41
W.L.-C.C.		14	14
Fl. Tk. Ck.		2/32	1/32
PH		9.0	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
PelTex	400 ±		
Caustic	100 ±		
Unical	100 ±		

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
5015	5060	45	DR.			60	40	1100	5½	56			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:00	5						Drilling 8¾" Hole
9:00	9:15	¼						Turn Degasser on mud tank
9:15	9:30	¼						Drilling 8¾" hole
9:30	12:00	2½						Circulate to condition hole prior to testing

PAYROLL DATA

2489

DATE: March 6, 1974

WELL NAME & No.: Aquit Silvan Plateau G-51

COMPANY: Aquitaine

TOOL PUSHER: Leslie Lemaigre RIG No. 2

MORNING TOUR 8:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chalters	12
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Flrman		Martin Boudreau	12
Flrman		Steve Radmanovich	12
Flrman			
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 5:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Flrman		BRUCE REWITT	12
Flrman		DAVE FUSHTEY	12
Flrman			
Fireman			
		GORDEN WHITE	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman		ALBERT MOSES	4
Flrman		GEORGE WILLIAMS	4
Fireman			
		Willy Pedurssac	
		Gordon Peppet	
		Norm McCourt	
		Marvin Batchelor	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

SAFETY ▲ FILM ✦●

2488

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Gpetit Silvan Platon Gas #1
Location — Sec. — Twp. — Rge. — W. — M.
Date: March 5, 19 74
Weather Condition: -15°
Road Conditions: Fair
Nearest Town: Norman Wells
Water - Source: Lake — Miles Hauled: 2 — Pumped —
Camp Distance from Rig — Reason for Extra L. Plant

OPERATOR: Aquitaine

Rig No. 2 — DWKS Ideco 7H

Drill Pipe String No.	Size	Tool Joint Type	Thd.	O.D.
12	4½	F.H.		6"

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Mann

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemaye

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Idaco	MA 600	16
2.	National	C150B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36 K55	84			3258	

PAYROLL DATA — 2488
DATE March 5, 1974
WELL NAME & No. Gpetit Silvan Platon Gas #1
COMPANY Aquitaine
TOOL PUSHER Leslie Lemaye — RIG No. 2

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	2	7½
Reaming			
Conditioning Mud & Circulating	½		½
Trips		8½	
Lubricate Rig	¼	¼	
Deviation Survey		¼	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Clean To Bottom		¼	
Fishing			
A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional		54 Lock Sub	
Totals	8	18	

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines on Reel	8 — Size 1/4
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	387
Cumulative Ton Mi. or Trips	387
No. of Days From Spud	29
Cumulative Rotating Hrs.	421¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
44	Stands D.P.	4119.64	Ft.
	Singles D.P.		Ft.
2	4½ XH 27	60.22	
1	4½ XH 20	9.01	Ft.
18	D.C. 8" x 6¼" I.D. O.D.	542.87	Ft.
1	Stb. Body 8" O.D.	5.42	Ft.
1	Stb. Body O.D.	5.39	Ft.
1	Stb. Body O.D.	5.37	Ft.
1	Subs O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	34.13	Ft.
	Total	4790	Ft.
Wt. of String		140,000	Lbs.
Pipe in Hole		132	Jts.
Pipe on Racks		109	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD		
Bit No.	3	
Size	8¾	
Mfg.	Sec	
Type	588	
Nozzle No.	2	1
Nozzle Size	12	11
Ser. No.	463633	
Depth Out		
Depth In	3937	
Total Ftg.	853	
Total Hr. Run	80¼	
Cond. of Bit		
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD			
Time	1:30	4:30	7:00
Weight	8.9	8.9	8.9
Visc.-Sec.	46	70	54
W.L.-C.C.	10.8	10.2	10.2
FL TR. CK.	2/32	2/32	2/32
PH	10.0	10.0	10.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Too lbs Gel			
150 lbs pottex			
1400 lbs Soda ash			

Driller: David Chalters

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4714	4790	76	D			60	35	1200	5½	53			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	12:45	½						circulate to condition mud (anhydride contamination)
12:45	8:00	7¼						Drilling 8¾" hole

Fuel 4' 3"

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chalters	12
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Flrman		Martin Boudreau	12
Flrman		Steve Redmanowich	12
Flrman			
Fireman			

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
44	Stands D.P.	4149.29	Ft.
3	Singles D.P.		Ft.
2	D.C. 4½ XH 27	60.22	
1	2¾ x 7" I.D. O.D.	9.01	Ft.
1	D.C. 7¾ x 7" 2¾ x 1¼ I.D. O.D.	10.00	
18		542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Stb. Body 7" O.D.	5.37	Ft.
1	Subs O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	14.48	Ft.
	Total	4810.00	Ft.
Wt. of String		141,000	Lbs.
Pipe in Hole		133	Jts.
Pipe on Racks		108	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD		
Bit No.	3	4
Size	8¾"	8¾
Mfg.	SEC	SEC
Type	5-88	588
Nozzle No.	2	3
Nozzle Size	12	12
Ser. No.	463633	914321
Depth Out	4807	
Depth In	3937	4807
Total Ftg.	870	3
Total Hr. Run	82	¼
Cond. of Bit	6-3-1	Dalg
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD			
Time	9:00		
Weight	8.9		
Visc.-Sec.	55		
W.L.-C.C.	20		
FL TR. CK.	2/32		
PH	9.5		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic - 50#			
Soda Ash - 2000#			
Gel - 2000#			

Driller: Jack Wenger

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4790	4810	20	DR			60	35	1200	5½	53			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	4807	1¾							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv. + B.O.P. ck.
8:15	10:00	1¾						Drilling 8¾ Hole
10:00	10:15	¼						Survey
10:15	3:30	5¼						~~Bottom~~ TRIP FOR BIT. ck BLIND RAMS AND PICK UP Stock SUB
3:30	3:45	¼						BREAK CIRC. + CLEAN TO BOTTM
3:45	4:00	¼						Drilling

No. OF DAYS 89 SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Flrman		BRUCE REWITT	12
Flrman		DAVE FUSHETSKY	12
Flrman			
Fireman			
		GORDEN WHITE	12

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
45	Stands D.P.	4212.12	Ft.
	Singles D.P.		Ft.
2	4½ XH 27	60.22	
1	2¾ x 7" I.D. O.D.	9.01	
1	D.C. 7¾ x 7" 2¾ x 1¼ I.D. O.D.	Stock 10.00	
18		542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Stb. Body 7" O.D.	5.37	Ft.
1	Subs O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	10.65	Ft.
	Total	4869	Ft.
Wt. of String		142,000	Lbs.
Pipe in Hole		135	Jts.
Pipe on Racks		106	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD		
Bit No.	4	
Size	8¾	
Mfg.	SEC	
Type	588	
Nozzle No.	3	
Nozzle Size	12	
Ser. No.	914321	
Depth Out		
Depth In	4807	
Total Ftg.	62	
Total Hr. Run	7¾	
Cond. of Bit	111	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD			
Time	7:00	10:30	12:00
Weight	8.9	8.9	9.0
Visc.-Sec.	37	40	38
W.L.-C.C.		12.4	12.0
FL TR. CK.	2/32	2/32	2/32
PH	9.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4810	4869	59	DR			60	40	1200	5½	58			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						DRILLING
6:00	6:30	½						Unplug Flowline AND DRILLING NIPPLE
6:30	12:00	5½						DRILLING 8¾" HOLE

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman			
Fireman			
		WALLY PICHURSKI	
		GORDEN POPPER	
		NORM BELCOURT	
		MARVIN RITCHELOR	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2487

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Agnit Silver Plateau C-51

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: March 4, 1974

Weather Condition: -10° | Road Conditions: Poor | Nearest Town: 100 Mile House / Wells | Water — Source: Lake | Miles Hauled: 2 | Camp Distance from Rig: ___ | Pumper: ___ | Reason for Extra L. Plant: ___

OPERATOR: Aquitaine Inc

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemaigre

Rig No. 2 — DWKS: Ideco 7-11

Drill Pipe String: No. 2 — Size 4½

Tool Joint: 6" O.D. — Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	MM 600	16
2.	National	C-150B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Jap	36 K55	85			3058	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7¼	7½
Reaming			
Conditioning Mud & Circulating			¼
Trips			
Lubricate Rig	¼	½	¼
Deviation Survey	½		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other UNPLUG JET		½	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No. 27562 — No. of Lines 8 — Size 1/8

Feet Slipped 50

Feet Cut Off 50

Present Length 3550

Ton Mi. or Trips Since Last Cut 292

Cumulative Ton Mi. or Trips 292

No. of Days From Spud 28

Cumulative Rotating Hrs. 404½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
41	Stands D.P.	3838.74 Ft.
2	Singles D.P.	61.43 Ft.
2	D.C. 7"	60.22
1	D.C. 7"	9.01 Ft.
20	D.C. 2¼ x 6¼ I.D. O.D.	542.87 Ft.
1	Sub. Body 7" O.D.	5.42 Ft.
1	Sub. Body 7" O.D.	5.39 Ft.
1	Rmr. Body O.D.	5.37 Ft.
1	Subs O.D.	3.96 Ft.
1	Bit or Sub O.D.	3.99 Ft.
	Kelly Down	33.60 Ft.
	Total	4570 Ft.

Wt. of String: 139,600 Lbs.

Pipe in Hole: 1255 Jts.

Pipe on Racks: 116 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	3
Size	8¾
Mfg.	Sec
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3927
Total Ftg.	633
Total Hr. Run	5-84
Cond. of Bit	1 1 N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	1:00	4:00	7:00
Weight	8.9	8.9	8.7
Visc.-Sec.	46	44	42
W.L.-C.C.	9.6	10.2	11.6
FL TR. CK.	2/32	4/32	4/32
PH	9.5	10.0	10.0
SD. Cont. %			
Pressure Gradient			

Plastic vis. 17

4 percent wis 21

4 roll point 8

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2200 #'s		
caustic	50 lbs		
Desil. Ferrodischarge 9-1	8 gal/min		

Driller: David Chatters

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4482	4570	88	D.			60	35	1200	5½	53			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	4486	2							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	12:45	½						Survey
12:45	8:00	7¼						Drilling 8¾" hole
								2' 10" Fuel

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
42	Stands D.P.	3994.20 Ft.
2	Singles D.P.	Ft.
2	D.C. 7"	60.22
1	D.C. 7"	9.01 Ft.
20	D.C. 2¼ x 6¼ I.D. O.D.	542.87 Ft.
1	Sub. Body 7" O.D.	5.42 Ft.
1	Sub. Body 7" O.D.	5.39 Ft.
1	Rmr. Body O.D.	5.37 Ft.
1	Subs O.D.	3.96 Ft.
1	Bit or Sub O.D.	3.99 Ft.
	Kelly Down	4180 Ft.
	Total	4672.23 Ft.

Wt. of String: 139,000 Lbs.

Pipe in Hole: 128 Jts.

Pipe on Racks: 113 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	3
Size	8¾"
Mfg.	SEC
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	703
Total Hr. Run	65½
Cond. of Bit	Drlg
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	9:00	11:00	3:00
Weight	8.8	8.8	8.8
Visc.-Sec.	43	44	49
W.L.-C.C.	10	10.4	✓
FL TR. CK.	3/32	✓	✓
PH	9.0	9.0	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL -	2600#		
CAUSTIC -	100#		
DESILTER DISCHARGE - 10.3 GALS PER MIN - 55			

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4570	4640	70	D.R.			5360	35	1300	5½	55	5½		5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv. B.O.P. Sick + Motor Shut Offs
8:15	9:15	1						Drilling 8¾" Hole
9:15	9:45	½						Unplug Jet
9:45	4:00	6¼						Drilling
								Changed Oil + Filters in Floor Motors and Standby Pump Motors

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
43	Stands D.P.	4025.67 Ft.
1	Singles D.P.	31.03 Ft.
2	D.C. 7"	60.22
1	D.C. 7"	9.01 Ft.
18	D.C. 2¼ x 6¼ I.D. O.D.	542.87 Ft.
1	Sub. Body O.D.	5.42 Ft.
1	Sub. Body O.D.	5.39 Ft.
1	Rmr. Body O.D.	5.37 Ft.
1	Subs 4½ O.D.	3.96 Ft.
1	Bit or Sub O.D.	3.99 Ft.
	Kelly Down	21.07 Ft.
	Total	47.14 Ft.

Wt. of String: 140,000 Lbs.

Pipe in Hole: 130 Jts.

Pipe on Racks: 111 Jts.

Total Pipe on Lease: 241 Jts.

BIT RECORD

Bit No.	3
Size	8¾"
Mfg.	SEC
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	777
Total Hr. Run	73
Cond. of Bit	1 1 N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	5:00	9:00	12:00
Weight	8.8	8.8	
Visc.-Sec.	50	52	
W.L.-C.C.	10.1	10.0	
FL TR. CK.	2/32	1/32	
PH	10.	10.0	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
50 lbs caustic			

Driller: ___

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4640	4714	74	D			60	35	1200	5½	53			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv.
4:15	11:45	7½						Drilling
11:45	12:00	¼						circulate to condition mud (salt/gyp/side contamination)

2487

PAYROLL DATA

DATE: March 4, 1974

WELL NAME & No.: Agnit Silver Plateau C-51

COMPANY: Aquitaine

TOOL PUSHER: Leslie Lemaigre — RIG No. 2

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	12
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Firman		Martin Boudreau	12
Firman		Steve Radmanovich	12
Firman			
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 4:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Jack Wenger	12
Drkman		Joe Tysowski	12
Mtrman		Tim Henen	12
Firman		Bruce Recht	12
Firman		Dave Fushtey	12
Firman			
Fireman			
		Gorden White	12

No. OF DAYS 88 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Fireman			
Trucks		Wally Padarske	
		Gordon Pepper	
Grader		Nolan Belcourt	
Base Camp		Marion Batchelor	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

2486

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Grant Siloam Plateau G-51 | Date: March 3, 1974

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Weather Condition: -15° | Road Conditions: Fair | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 2 | Pumped: ___ | Camp Distance from Rig: ___ | Reason for Extra L. Plant: ___

OPERATOR: Aquitaine

Rig No. 2 | DWKB: Ideco 211 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 6" O.D., Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: R C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lewycky

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	MM600	16
2.	National	C1500	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Soc	36 K55	85			3325'	

PAYROLL DATA 2486

DATE March 3, 1974

WELL NAME & No. Grant Siloam Plateau G-51

COMPANY Aquitaine

TOOL PUSHER Leslie Lewycky RIG No. 2

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7¾	7¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	½		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1¼
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	292
Cumulative Ton Mi. or Trips	292
No. of Days From Spud	27
Cumulative Rotating Hrs.	382½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
39	Stands D.P.	3653.19 Ft.
	Singles D.P.	Ft.
2	D.C. 8"x7"	60.22
1	D.C. 8"x7" O.D.	9.01 Ft.
20	D.C. 6½"x6" I.D. O.D.	542.87 Ft.
1	Stb. Body 7" O.D.	5.42 Ft.
1	Stb. Body 7" O.D.	5.39 Ft.
1	Stb. Body 7" O.D.	5.37 Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit or Sub	3.99 Ft.
	Kelly Down	35.58 Ft.
	Total	4325 Ft.

Wt. of String 133,000 Lbs. | Pipe in Hole 117 Jts. | Pipe on Racks 124 Jts. | Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	3
Size	8¾
Mfg.	Sec
Type	S88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	388
Total Hr. Run	35½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	1:00	4:00	7:00
Weight	9.8	9.8	9.8
Visc.-Sec.	47	45	44
W.L.-C.C.	9.2	9.8	11.0
FL TR. CK.	2/32	2/32	1/32
PH	9.5	9.5	9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500	*	165

Driller: David Chalters

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4235'	4325'	90	D			55	35	1200	5½	50			S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
4267	1¼							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	2:45	2½						Drilling 8 3/4" hole
2:45	3:15	½						Survey
3:15	8:00	4¾						Drilling 8 3/4" hole

Dis. Mor Discharge
Wt. - 9.8
Discharge 51.5 gal/min Fuel 1"8"

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chalters	12
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Firman		Martin Boudreau	12
Firman		Steve Radmanovich	12
Firman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
40	Stands D.P.	3747.40 Ft.
—	Singles D.P.	Ft.
2	D.C. 8"x7"	60.22
1	D.C. 8"x7" O.D.	9.01 Ft.
20	D.C. 6½"x6" I.D. O.D.	542.87 Ft.
1	Stb. Body 7" O.D.	5.42 Ft.
1	Stb. Body 7" O.D.	5.39 Ft.
1	Stb. Body 7" O.D.	5.37 Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit or Sub	3.99 Ft.
	Kelly Down	26.37 Ft.
	Total	4410 Ft.

Wt. of String 134,000 Lbs. | Pipe in Hole 120 Jts. | Pipe on Racks 121 Jts. | Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	3
Size	8¾"
Mfg.	Sec
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	473
Total Hr. Run	43¼
Cond. of Bit	Dale
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	9:00	11:00	3:00
Weight	8.8	8.8	8.8
Visc.-Sec.	45	47	54
W.L.-C.C.	10.8	✓	✓
FL TR. CK.	3/32	✓	✓
PH	9.5	✓	✓
SD. Cont. %	10	Desilter Discharge —	
Pressure Gradient		Gals Perm — 18	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	250#		
~~Barite~~			
Caustic	50#		

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4325	4410	85	D			55-60	35	1200	5½	53	5½		S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv, BOPCK, CK Motor Shut Offs
8:15	4:00	7¾						Drilling 8¾" Hole

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Jack Wenger	12
Drkman		Joe Tysowski	12
Mtrman		Tim Hensch	12
Firman		Bruce Rewitt	12
Firman		Dave Fushtey	12
Firman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
40	Stands D.P.	3747.40 Ft.
2	Singles D.P.	61.45 Ft.
2	D.C. 8"x7"	60.22
1	D.C. 8"x7" O.D.	9.01 Ft.
20	D.C. 6½"x6" I.D. O.D.	542.87 Ft.
1	Stb. Body 7" O.D.	5.42 Ft.
1	Stb. Body 7" O.D.	5.39 Ft.
1	Stb. Body 7" O.D.	5.37 Ft.
1	Sub 4½ O.D.	3.96 Ft.
1	Bit or Sub	3.99 Ft.
	Kelly Down	36.92 Ft.
	Total	4482 Ft.

Wt. of String 134,000 Lbs. | Pipe in Hole 122 Jts. | Pipe on Racks 119 Jts. | Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	3
Size	8¾"
Mfg.	Sec.
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	545
Total Hr. Run	51
Cond. of Bit	110
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	5:00	8:00	12:00
Weight	8.8	9.4	8.8
Visc.-Sec.	44	45	45
W.L.-C.C.	10.		10.0
FL TR. CK.	2/32		
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Jw.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
4410	4492	72	D			60	35	1200	5½	53			S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv
4:15	12:00	7¾						Drilling 8¾" Hole
~~4:00~~	~~4:00~~	~~¾~~						

EVENING TOUR 4:00 P.M. 12:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Firman			
Firman			
Fireman			
		Gordon White	12
		Wally Podyrsky	
		Gordon Pepper	
		Norm Belcourt	
		Marvin Batchelor	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2485

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquit Silvan Plateau Co-51

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: March 2 1974

Weather Condition: -10° | Road Conditions: good | Nearest Town: Norman Wells | Water - Source: Lake | Miles Hauled: 2 | Pumped: | Camp Distance from Rig: | Reason for Extra L. Plant:

OPERATOR: Aquitaine

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D.C. Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swampy

Rig No. 2 | DWKS 46 cco 7-11 | Drill Pipe String: No. 2, Size 4½ | Tool Joint O.D. 6" | Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm 600	16
2.	National	C-150-B	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Sap	36 K55	85			3258	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Downs			
Drilling Actual	7¼	7¼	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	½		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stems Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating	
B. Tubing Trips	
C. Swabbing	
D. Testing	
E. Additional	
Totals	8 8 8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1¼"
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	292
Cumulative Ton Mi. or Trips	292
No. of Days From Spud	26
Cumulative Rotating Hrs.	359½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
36	Stands D.P.	3370.77	Ft.
1	Singles D.P.	31.33	Ft.
2	4½ 16.6 7"	60-22	
1	2¾ 7" 7.85	9.01	Ft.
20	D.C. 8" 2¼ I.D. 6¼ O.D.	542.97	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7⅞ O.D.	5.39	Ft.
1	Stb. Body 7⅞ O.D.	5.37	Ft.
1	Subs 4½ I.D. 6⅝ O.D.	3.96	Ft.
1	Bit 8¾ Sub	3.99	Ft.
	Kelly Down	23.67	Ft.
	Total	4062	Ft.
Wt. of String		130,000	Lbs.
Pipe in Hole		109	Jts.
Pipe on Racks		132	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD	
Bit No.	3
Size	8¾
Mfg.	Sec
Type	S88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	125'
Total Hr. Run	12¾
Cond. of Bit	1/1
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD			
Time	1:00	4:00	7:00
Weight	9.9	8.8	8.8
Visc.-Sec.	45	40	44
W.L.-C.C.	8.4	8.4	9.2
FL TR. CK.	1/32	1/32	2/32
PH	10	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500	lbs	

Driller: David Matte

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'd-P Com'd-C
3987	4062	75	D			50	35	1100	5½	54			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	4049	1½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	6:30	6¼						Drilling 8¾ hole
6:30	7:00	½						Survey
7:00	9:00	1						Drilling 8¾ hole

Fuel 3'2"

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
37	Stands D.P.	3496.60	Ft.
5	Singles D.P.		Ft.
2	4½ 16.6 7"	60.22	
1	2¾ 7" 7.85	9.01	Ft.
20	D.C. 8" 2¼ I.D. 6¼ O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7⅞ O.D.	5.39	Ft.
1	Stb. Body 7⅞ O.D.	5.37	Ft.
1	Subs 4½ I.D. 6⅝ O.D.	3.96	Ft.
1	Bit 8¾ Sub	3.99	Ft.
	Kelly Down	17.17	Ft.
	Total	4150.00	Ft.
Wt. of String		130,000	Lbs.
Pipe in Hole		112	Jts.
Pipe on Racks		129	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD	
Bit No.	3
Size	8¾
Mfg.	SEC
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	213
Total Hr. Run	20½
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD			
Time	9:00	11:00	3:00
Weight	8.9	8.8	8.8
Visc.-Sec.	42	44	46
W.L.-C.C.	10.	✓	
FL TR. CK.	2/32	✓	
PH	10	✓	
SD. Cont. %	APPARENT VIS - 25		
Pressure Gradient	PLASTIC VIS - 20		
	YIELD POINT - 10		

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Bell	2200#		
Benex	8#		
DESILTER-DISCHARGE - 10.6			
GALS PER MIN - 445			

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-P Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'd-P Com'd-C
4062	4150	88	DR			50-55	35	1200	5½	54	5½		5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						RIG SERV. CK. B.O.P.& MOTOR SHUT RACES
8:15	4:00	7¾						DRILLING 8¾" HOLE

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
38	Stands D.P.	3558.97	Ft.
	Singles D.P.		Ft.
2	4½ 16.6 7"	60.22	
1	2¾ 7" 7.85	9.01	Ft.
20	D.C. 8" 2¼ I.D. 6¼ O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7⅞ O.D.	5.39	Ft.
1	Stb. Body 7⅞ O.D.	5.37	Ft.
1	Subs 4½ I.D. 6⅝ O.D.	3.96	Ft.
1	Bit 8¾ Sub	3.99	Ft.
	Kelly Down	39.80	Ft.
	Total	4235	Ft.
Wt. of String		132,000	Lbs.
Pipe in Hole		115	Jts.
Pipe on Racks		126	Jts.
Total Pipe on Lease		241	Jts.

BIT RECORD	
Bit No.	3
Size	8¾"
Mfg.	SEC.
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	298
Total Hr. Run	29¾
Cond. of Bit	1/1
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD			
Time	5:00	7:00	12:00
Weight	8.8	8.8	8.8
Visc.-Sec.	45	43	47
W.L.-C.C.	9.4		9.2
FL TR. CK.	2/32		2/32
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1400		

Driller: J.W.

FOOTAGE

From	To	Ftge.	DR-D RM-P Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'd-P Com'd-C
4150	4235	85	DR			55	35	1200	5½	52			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						DRILLING 8¾ HOLE
8:00	8:15	¼						Rig Service
8:15	12:00	3¾						Drilling 8¾" Hole

PAYROLL DATA 2485

DATE March 2, 1974

WELL NAME & No. Aquit Silvan Plateau Co-51

COMPANY Aquitaine

TOOL PUSHER Leslie Swampy RIG No. 2

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller		Dave Chatters		12
Drkman		Wayne Sikora		12
Mtrman		Al Medke		12
Flrman		Martin Boudreau		12
Flrman		Steve Radmanovich		12
Flrman				
Fireman				

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 A.M. 4 P.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller		JACK WENGER		12
Drkman		JOE TYSOWSKI		12
Mtrman		TIM HENSCH		12
Flrman		BRUCE REUTT		12
Flrman		DAVE FUSHLEY		12
Flrman				
Fireman				

No. OF DAYS 86 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller				
Drkman				
Mtrman				
Flrman				
Flrman				
Flrman				
Fireman				
		GORDEN WHITE		
		WALLY PODIASKI		
		GORDEN PEAPER		
		NORM BELCOURT		
		MARVIN BATCHELOR		

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2484

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name AQUITAINE SILKAN PLATEAU B-51-H-64-00-125-15 Location — Lsd. — Sec. — Twp. — Rge. — W. — M.

Date MARCH 1 19 74

Weather Condition — Road Conditions — Nearest Town — Water - Source — Miles Hauled — Pumped — Camp Distance from Rig 100 YD. Reason for Extra L. Plant

OPERATOR: AQUITAINE OIL CO.

Rig No. 2 — Drill Pipe String No. — Size — Tool Joint Type Thd. 5 3/4 O.D. FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D Simoon

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: B H Sweet Leslie Swaney

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Dilco-Emsco 600	MP	6 3/4 x 16
2.	NOT	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	JAP	36 K55	85		8	3258	

PAYROLL DATA 2484

DATE MARCH 1 74

WELL NAME & No. AQUITAINE SILKAN PLATEAU

COMPANY GUTHRIE McLAREN DRLG

TOOL PUSHER B H Sweet Leslie Swaney Rig No. 2

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7 1/2	14 1/2	
Reaming			
Conditioning Mud & Circulating			
Trips		2 1/2	
Lubricate Rig	1/4	1/4	
Deviation Survey	1/2		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating	
B. Tubing Trips	
C. Swabbing	
D. Testing	
E. Additional	
Totals	8 8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1/8
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	292
Cumulative Ton Mi. or Trips	292
No. of Days From Spud	25
Cumulative Rotating Hrs.	336 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
34	Stands D.P.	3214.2	Ft.
5	Singles D.P.		Ft.
2	2 7/8 x 7"	60.22	
1	2 7/8 x 9"	9.01	Ft.
	D.C.		
20	2 7/8 x 6 1/4" I.D. O.D.	542.87	Ft.
1	Stb. Body 7 1/4" O.D.	5.42	Ft.
1	Stb. Body 7 1/4 O.D.	5.39	Ft.
1	Stb. Body 7" O.D.	5.37	Ft.
1	Subs 6 1/2 O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	37.56	Ft.
	Total	3888	Ft.

Wt. of String 125,000 Lbs.

Pipe in Hole 103 Jts.

Pipe on Racks 138 Jts.

Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	2
Size	8 3/4
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	11
Ser. No.	914318
Depth Out	
Depth In	3479
Total Ftg.	409
Total Hr. Run	41 1/2
Cond. of Bit	DAIG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	9:00	2:00	6:00
Weight	8.8	8.8	8.8
Visc.-Sec.	2/21	2/9	2/9
W.L.-C.C.	17	9	
Fl. Tr. Ck.	1/32	2/32	
PH	10	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel.	1000	lbs	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
3793	3888	95	D			50	35	1200	5 1/2	63			5

Deviation Record: Depth 3830 — Dev. 2° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12.00	12.15	1/4						RIG SERV
12.15	2.45	2 1/2						DRILLING.
2.45	3.15	1/2						SURVEY
3.15	8.00	4 3/4						DRILLING
								FUEL 4 1/2 FT.

MORNING TOUR — P.M. — A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	16
Driman		R. TEN HOVE	16
Mirman		L. LABONTE	16
Fireman		G. COULTER	16
Fireman		A. TRUDEAU	16
Fireman			
Fireman			
		8 HR. TRAVELING	
		TIME TO EDMONTON	

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
35	Stands D.P.	3276.43	Ft.
	Singles D.P.		Ft.
2	2 7/8 x 7"	60.22	
1	2 7/8 x 9"	9.01	Ft.
	D.C.		
20	2 7/8 x 6 1/4" I.D. O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Stb. Body 7" O.D.	5.37	Ft.
1	Subs 6 1/2 O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	23.94	Ft.
	Total	3937	Ft.

Wt. of String 130,000 Lbs.

Pipe in Hole 105 Jts.

Pipe on Racks 136 Jts.

Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	2
Size	8 3/4
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	11
Ser. No.	914318
Depth Out	3937
Depth In	3479
Total Ftg.	458
Total Hr. Run	46
Cond. of Bit	2-2-1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	9:00	12:00
Weight	8.7	8.7
Visc.-Sec.	46	43
W.L.-C.C.	7.2	7.2
Fl. Tr. Ck.	3/32	2/32
PH	10	10
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller David Chatters

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
3888	3937	49	D			60	35	1200	5 1/2	50			

Deviation Record: Depth 3924 — Dev. 1 1/4° — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:30	8:30	1/2						Drilling 8 3/4" hole
9:30	9:45	1/4						Rig Service & BOP check
9:45	1:15	4 1/2						Drilling 8 3/4" hole
1:15	4:00	2 3/4						Hoist Bit #2

DAY TOUR — A.M. — P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	12
Driman		Wayne Sikora	12
Mirman		Al Medke	12
Fireman		Martin Boudreau	12
Fireman		Steve Radmanovich	12
		Gordon White	12
TRANS. TIME included		Archie Williams	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
35	Stands D.P.	3308.27	Ft.
1	Singles D.P.		Ft.
2	D.C. 2 7/8 x 7"	60.22	
1	2 7/8 x 9"	9.01	Ft.
	D.C.		
20	2 7/8 x 6 1/4" I.D. O.D.	542.87	Ft.
1	Stb. Body 7" O.D.	5.42	Ft.
1	Stb. Body 7" O.D.	5.39	Ft.
1	Stb. Body 7" O.D.	5.37	Ft.
1	Subs O.D.	3.96	Ft.
1	Bit Sub	3.99	Ft.
	Kelly Down	41.80	Ft.
	Total	3987.30	Ft.

Wt. of String 130,000 Lbs.

Pipe in Hole 106 Jts.

Pipe on Racks 135 Jts.

Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	3
Size	8 3/4
Mfg.	SEC
Type	S-88
Nozzle No.	2 1
Nozzle Size	12 11
Ser. No.	463633
Depth Out	
Depth In	3937
Total Ftg.	50
Total Hr. Run	5 1/2
Cond. of Bit	Daig
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	8:00	10:00
Weight	8.8	8.8
Visc.-Sec.	45	46
W.L.-C.C.		7.5
Fl. Tr. Ck.		
PH		10.0
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
3937	3987	50	DR			50 60	25-35	1200	5 1/2	53	5 1/2		5

Deviation Record: Depth — Dev. — Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						RUN IN WIBIT #3
6:00	6:30	1/2						BREAK CIRC. & CLEAN TO BOTTOM
6:30	12:00	5 1/2						DRILLING 8 3/4" HOLE

EVENING TOUR — P.M. — A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	16
Driman		JOE TYSOWSKI	16
Mirman		TIM HENSCH	16
Fireman		BRUCE REITT	16
Fireman		DAVE FUSHEY	16
Fireman			
		8-HRS TRAVEL	
		TIME FROM EDMONTON	
		LARRY GARRARD JR.	
		GORDON PEPPER	
		W. PODISKE	
		NORM BOUCHARD	
		MARVIN BUTCHER	16

No. OF DAYS 85 SINCE LAST LOST TIME ACCIDENT

2483

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: SUSAN PLATT 2-11 — Location: Lse. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: FEB 28 1974

Weather Condition | Road Conditions | Nearest Town | Water - Source / Miles Hauled / Pumped | Camp Distance from Rig / Reason for Extra Light Plant

OPERATOR: AQUITAINE OIL CO.

Rig No. 3 — Rig Type: 1000 DWS — 7-11

Drill Pipe String: No. 2 — Size 4½ — Type Thd. FH — Tool Joint 5¾ O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: B B Burns

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-M-H-600	H.P.	5¾x16
2.	NAT	C-150	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG./HD.	Set at	Remarks
9⅝	JAP	36 K 65	85			3234	
			Correction to Log			3225	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7½	7¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	½		½
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		¼	
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 — Size 1/8
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	217
Cumulative Ton Mi. or Trips	217
No. of Days From Spud	24
Cumulative Rotating Hrs.	318½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
32	Stands D.P.	2992.15 Ft.
	Singles D.P.	Ft.
2	8¾x7"	60.22
1	8¾x7"	9.01 Ft.
	D.C.	
20	8¾x6¼	542.87 Ft.
1	Sub Body 7" O.D.	5.42 Ft.
1	Sub Body 7" O.D.	5.39 Ft.
1	Bit Sub O.D.	5.37 Ft.
1	Sub O.D.	3.96 Ft.
1	Bit of 5¼	3.99 Ft.
	Kelly Down	10.62 Ft.
	Total	3643.90 Ft.

Wt. of String 120,000 Lbs. — Pipe in Hole 96 Jts. — Pipe on Racks 145 Jts. — Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	2
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	11
Ser. No.	914318
Depth Out	
Depth In	3479
Total Ftg.	164
Total Hr. Run	19
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	12:00	200	6.00
Weight	8.7	8.7	8.7
Visc.-Sec.	44	45	50
W.L.-C.C.		9.4	
FL TR. CK.		2/32	
PH	10.5	10.	10.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	3000		

Driller: Dwayne Sibert

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3572	3643	71	DRLG			50	35	1200	5½	53			S

Deviation Record: Depth 3644 — Dev. ¾ — Direction

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:45	¾						DRILLING.
12:45	1:00	¼						RIG SERV.
1:00	7:30	6½						DRILLING.
7:30	8:00	½						SURVEY

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
32	Stands D.P.	2997.15 Ft.
2	Singles D.P.	62.20 Ft.
2	8¾x7"	60.22
1	8¾x7"	9.01 Ft.
	D.C.	
20	8¾x6¼	542.87 Ft.
1	Sub Body 7" O.D.	5.42 Ft.
1	Sub Body 7" O.D.	5.39 Ft.
1	Sub Body 7" O.D.	5.37 Ft.
1	Subs ¼ O.D.	3.96 Ft.
1	Bit Sub O.D.	3.99 Ft.
	Kelly Down	11.42 Ft.
	Total	3707 Ft.

Wt. of String 123,000 Lbs. — Pipe in Hole 98 Jts. — Pipe on Racks 143 Jts. — Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	2
Size	8¾
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	11
Ser. No.	914318
Depth Out	
Depth In	3479
Total Ftg.	228
Total Hr. Run	26¼
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker ___ Trucker ___ Trucker ___

MUD RECORD

Time	9:15	12:00	4:00
Weight	8.8	8.7	8.7
Visc.-Sec.	50	50	48
W.L.-C.C.	9.2	8.6	6.4
FL TR. CK.	2/32	2/32	2/32
PH	10.0	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: David Slatton

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3643	3707	64	D			50	35	1200	5½	53			S

Deviation Record: Depth 3707 — Dev. 1¼ — Direction

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2½						Drilling 8¾" hole
10:30	10:45	¼						Consequation board check
10:45	12:15	1½						Drilling 8¾ hole
12:15	12:30	¼						Rig Service & B.O.P. Check
12:30	4:00	3½						Drilling 8¾" hole
								Changed oil in D 342 cat light plant

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3707	3793	86	D			55	35	1200	5½	53			S

Deviation Record: Depth 3737 — Dev. 1¼ — Direction

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Service
4:15	7:00	2¾						Drilling 8¾" hole
7:00	7:30	½						Survey
7:30	1200	4½						Drilling 8¾" hole

2482

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease or Well Name: AQUIT SILVAN PLATEAU
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.: 051-064-00-125-15

Date: FEB 22 1974

Weather Condition | Road Conditions | Nearest Town | Water — Source ____ Miles Hauled ____ Pumped ____ | Camp Distance from Rig: 100 YD. Reason for Extra Plant

OPERATOR: AQUITAINE OIL CO.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: B A Bruce

Rig No. 2 (DWKS 10-1000 7-11)

Drill Pipe String: No. 2, Size 4½

Tool Joint: Size 5¾ O.D., Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-mm600	HP	5½x16
2.	KAT	C150	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CRG. HD.	Set at	Remarks
9⅝	JAP	36 K55	85			3234	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	2¾	4	7½
Reaming		1½	
Conditioning Mud & Circulating			
Trips	3		
Lubricate Rig	¼	¼	¼
Deviation Survey	¼		¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	2	2¼	
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 27562
No. of Lines 8 Size ⅛
Feet Slipped 50
Feet Cut Off 50
Present Length 3550.
Ton Mi. or Trips Since Last Cut 217
Cumulative Ton Mi. or Trips 217
No. of Days From Spud 23
Cumulative Rotating Hrs.

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
32	Stands D.P.	2997.15	Ft.
	Singles D.P.		Ft.
2	D.C. 7¾" x 2¾" I.D.	O.D. 60.22	Ft.
13	D.C. 6¼" x 2¼" I.D.	O.D. 392.46	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
1	Sub	O.D. 3.96	Ft.
1	Bit	O.D. 399.	Ft.
	Kelly Down	21.22	Ft.
	Total	3478.00	

Wt. of String 108,000 Lbs.
Pipe in Hole 96. Jts.
Pipe on Racks ____ Jts.
Total Pipe on Lease ____ Jts.

BIT RECORD

Bit No.	1
Size	8¾
Mfg.	REED
Type	SSIGJ
Nozzle No.	3
Nozzle Size	12
Ser. No.	598651
Depth Out	3479
Depth In	3266.
Total Ftg.	213.
Total Hr. Run	30¼
Cond. of Bit	7.51
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. ____ O.T. Hrs. ____
Trucker ____
Trucker ____
Trucker ____

MUD RECORD

Time	2 °°
Weight	8.7
Visc.-Sec.	39
W.L.-C.C.	10.8
FL TR. CK.	2/32
PH	10.5
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500	PDS	
Benex	2 PDS		

Driller: Dwayne Sibbald

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3457	3479	22	D			60	25	1000	5½	55			

Deviation Record: Depth 3478 Dev. 1¾ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	1:00	1						DRILLING 8¾ HOLE
1:00	1:15	¼						RIG SERV.
1:15	3:00	1¾						DRILLING.
3:00	6:00	3						HOIST FOR BIT
6:00	8:00	2						PICKUP STB & D.C.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7¾" x 2¾"	60-22	
1	D.C. 6¼" x 2¼"	9.01	Ft.
20	D.C. 6¼" x 2¼" I.D.	O.D. 542.87	Ft.
1	Stb. Body	7" O.D. 5.42	Ft.
1	Stb. Body	7" O.D. 5.39	Ft.
1	Stb. Body	7" O.D. 5.37	Ft.
1	Sub	O.D. 3.96	Ft.
1	Bit	O.D. 3.99	Ft.
	Kelly Down	32.74	Ft.
	Total	3510	Ft.

Wt. of String 120,000 Lbs.
Pipe in Hole 91 Jts.
Pipe on Racks 150 Jts.
Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	2
Size	8¾
Mfg.	SEC.
Type	S88
Nozzle No.	3
Nozzle Size	11
Ser. No.	914318
Depth Out	
Depth In	3479
Total Ftg.	31
Total Hr. Run	4
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. ____ O.T. Hrs. ____
Trucker ____
Trucker ____
Trucker ____

MUD RECORD

Time	12:00	2:00	4:00
Weight	8.7	8.7	8.7
Visc.-Sec.	40	42	40
W.L.-C.C.	11.2	11.4	9.6
FL TR. CK.			
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2200	#/bgs	
Benex	4 bags		

Driller: David Watts

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3479	3510	31	D			50	40	1300	5½	53			5

Deviation Record: Depth ____ Dev. ____ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Service & B.O.P check
8:15	10:30	2¼						Pick up stabilizers & Drill collars
10:30	11:30	1						Run in with bit #2
11:30	12:00	½						Break circulation & ream stabalizers to bottom
12:00	4:00	4						Drilling 8¾" hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
31	Stands D.P.	2903.85	Ft.
	Singles D.P.		Ft.
2	D.C. 7¾" x 2¾"	60.22	
1	D.C. 6¼" x 2¼"	9.01	Ft.
20	D.C. 6¼" x 2¼" I.D.	O.D. 542.87	Ft.
1	Stb. Body	7" O.D. 5.42	Ft.
1	Stb. Body	7" O.D. 5.39	Ft.
1	Stb. Body	7" O.D. 5.37	Ft.
1	Sub	O.D. 3.96	Ft.
1	Bit	O.D. 3.99	Ft.
	Kelly Down	31.92	Ft.
	Total	3572.00	

Wt. of String 120,000 Lbs.
Pipe in Hole 93 Jts.
Pipe on Racks 148 Jts.
Total Pipe on Lease 241 Jts.

BIT RECORD

Bit No.	2
Size	8¾
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	11
Ser. No.	914318
Depth Out	
Depth In	3479
Total Ftg.	93
Total Hr. Run	11½
Cond. of Bit	DRLG.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. ____ O.T. Hrs. ____
Trucker ____
Trucker ____
Trucker ____

MUD RECORD

Time	7:00
Weight	8.7
Visc.-Sec.	48
W.L.-C.C.	10
FL TR. CK.	2/32
PH	10
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	1000		
BEN-EX	4 LBS.		

Driller: ____

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3510	3572	62				50	35	1200	5½	53			

Deviation Record: Depth 3550 Dev. 1½ Direction ____

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:45	4¾						Drilling 8¾ hole
8:45	9:00	¼						SURVEY
9:00	9:15	¼						RIG SERV.
9:15	12:00	2¾						DRILLING.

GUTHRIE McLAREN Drilling Lab

2481

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUITAINE SILVAN PLOTAGE B-51-16 4-00-125-15
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: FEB 26 1974
Weather Condition | Road Conditions | Nearest Town | Water — Source | Miles Hauled | Pumped | Camp Distance from Rig 100 yd | Reason for Extra L. Plant

OPERATOR: AQUITAINE OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE: DC Broom

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: RA Brucar

Rig No. 2 DWKS IDECO 7-11 | Drill Pipe String No. 3 Size 4½ | Tool Joint 5¾ O.D. Type Thd. F H

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-M-A 600	HP	5½16
2.	NAT	C 150	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9 5/8	Jap	36 K55	65			3234	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7½	7¼	7
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	
Deviation Survey	¼	½	1
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1/8
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	1
Cumulative Ton Mi. or Trips	
No. of Days From Spud	22
Cumulative Rotating Hrs.	274

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
30	Stands D.P.	2872.38 Ft.
D	Singles D.P.	Ft.
2	D.C. 2¾ x 7" I.D. O.D.	60.22 Ft.
13	D.C. 2 2/4 x 6¼ I.D. O.D.	392.46 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 6⅝ O.D.	3.96 Ft.
	Bit Sub O.D.	3.99 Ft.
	Kelly Down	27.99 Ft.
	Total	3361.00 Ft.
Wt. of String	105	Lbs.
Pipe in Hole	92	Jts.
Pipe on Racks	70	Jts.
Total Pipe on Lease	162	Jts.

BIT RECORD

Bit No.	4
Size	8¾
Mfg.	REED
Type	SS16-J
Nozzle No.	3
Nozzle Size	12
Ser. No.	598651
Depth Out	
Depth In	3266.
Total Ftg.	95
Total Hr. Run	12¼
Cond. of Bit	DAIG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	8:00	4:00	6:00
Weight	8.5	8.5	8.5+
Visc.-Sec.	38	39	40
W.L.-C.C.			
FL TR. CK.			
PH	10.5	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	2000		
BEN-EX	8 LOS		

Driller: Dwayne Howe

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3306	3361	55	DRLG			50	35	1000	5½	60			

Deviation Record: Depth 3307 Dev. 1¼ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½						DRILLING
12:30	12:45	¼						SURVEY
12:45	5:00	4¼						DRILLING
5:00	5:15	¼						RIG SERV.
5:15	8:00	2¾						DRILLING

FUEL 2½

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
31	Stands D.P.	2903.85 Ft.
1	Singles D.P.	31.47 Ft.
2	D.C. 2¾ x 7" I.D. O.D.	60.22 Ft.
13	D.C. 2¾ x 6¼ I.D. O.D.	392.46 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 6⅝ O.D.	3.96 Ft.
1	Bit Sub O.D.	3.99 Ft.
	Kelly Down	15.71 Ft.
	Total	3411 Ft.
Wt. of String	105,000	Lbs.
Pipe in Hole	94	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	4
Size	8¾
Mfg.	Reed
Type	SS16-J
Nozzle No.	3
Nozzle Size	12
Ser. No.	598651
Depth Out	
Depth In	3266
Total Ftg.	145
Total Hr. Run	19½
Cond. of Bit	110
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	10:00	12:00	4:00
Weight	8.6	8.6	8.6
Visc.-Sec.	36	38	42
W.L.-C.C.	17.8	16.2	10.4
FL TR. CK.	3/32	2/32	2/32
PH	11.0	10.5	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	4500 #lbs		
Benex	9 bags.		

Driller: David Chatten

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3361	3411	50	D			60	25	1000	5½	60			5

Deviation Record: Depth 3373 Dev. 1¼ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:15	2¼						Drilling 8¾" hole
10:15	10:30	¼						Rig Service & Rathole
10:30	11:00	½						Survey
11:00	4:00	5						Drilling 8¾" hole

Held Blowout Drill with crew

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
31	Stands D.P.	2906.00 Ft.
D	Singles D.P.	Ft.
2	D.C. 2¾ x 7" I.D. O.D.	60.22 Ft.
13	D.C. 2¾ x 6¼ I.D. O.D.	392.46 Ft.
	Stb. Body O.D.	Ft.
	Stb. Body O.D.	Ft.
	Rmr. Body O.D.	Ft.
1	Sub 6⅝ O.D.	3.96 Ft.
1	Bit Sub O.D.	3.99 Ft.
	Kelly Down	30.37 Ft.
	Total	3457.00 Ft.
Wt. of String	105,000	Lbs.
Pipe in Hole	95	Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	1
Size	8¾
Mfg.	REED
Type	SS16-J
Nozzle No.	3
Nozzle Size	12
Ser. No.	598651
Depth Out	
Depth In	3266.
Total Ftg.	191
Total Hr. Run	26½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	7:00	9:00	
Weight	8.6	8.6	
Visc.-Sec.	42	45	
W.L.-C.C.	10.4		
FL TR. CK.	2/32		
PH	10.5	10.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3411	3457	46	DRLG			60	25	1000	5½	55			

Deviation Record: Depth 3436 Dev. 1¾ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:00	4						Drilling 8¾" hole
8:00	9:00	1						SURVEY & FISHING FOR SURVEY
9:00	12:00	3						DRILLING

2480

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease, Well Name: AQUITAINE SILVAN PLATEAU C-51-C64-00-125-15
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: FEB 25 1974

Weather Condition | Road Conditions | Nearest Town | Water - Source, Miles Hauled | Pumped | Camp, Reason for Extra L. | Distance from Rig, Plant

OPERATOR: AQUITAINE OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D Cl...

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: B K ...

Rig No.	Drill Pipe String No.	Drill Pipe String Size	Tool Joint	Type Thd.
2 DWKS IDECO	2	4½	5¾ O.D.	EH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-mm-600	H.P.	7½16
2.	NAT	C-150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
9⅝	Jap	36 K55	83	3234		3234	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			11¾
Reaming			
Conditioning Mud & Circulating			
Trips		1	
Lubricate Rig	¼	¼	¼
Deviation Survey			
Test B.O.P.			¼
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement	7¾	6¾	
Drill Stem Test			
Other			2½
Fishing			
COMPLETION WORK: A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	21562
No. of Lines	8
Size	1⅛
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton. Mi. or Trips Since Last Cut	158
Cumulative Ton. Mi. or Trips	158
No. of Days From Spud	21
Cumulative Rotating Hrs.	247½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String			Lbs.
Pipe in Hole			Jts.
Pipe on Racks			Jts.
Total Pipe on Lease			Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Hinz

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1215	¼						RIG SERV.
1215	8:00	7¾						W.O.C.
								CLEAN MUD TANKS, CHANGE HEADS E LINERS IN MAIN PUMP, FINISH INSTAL & SET SEAL ASS. INSTAL BIT GUIDE, CUT OFF CASING & TIGHTEN BOPS, BACK UP & INSTAL KILL LINE & BLEED OFF LINES

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
29	Stands D.P.	2715.98	Ft.
1	Singles D.P.	31.35	Ft.
2	D.C. 2¼ I.D. 7" O.D.	60.22	Ft.
13	D.C. 2¼ I.D. 6¼ O.D.	392.46	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs NC 40 O.D.	3.96	Ft.
1	Bit or C.B. 8¾ O.D.	3.99	Ft.
	Kelly Down		Ft.
	Total		Ft.
Wt. of String	180,000		Lbs.
Pipe in Hole	88		Jts.
Pipe on Racks	74		Jts.
Total Pipe on Lease	162		Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	Reed
Type	S51GJ
Nozzle No.	3
Nozzle Size	12
Ser. No.	598651
Depth Out	
Depth In	3266
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	8000 #'lbs		
Benex	16 bags		
Bicarbonate of soda	400 lbs		

Driller: David Carter

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
3206													

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Service
8:15	3:00	6¾						W.O.C.
3:00	4:00	1						Run in to drill out float

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
30	Stands D.P.	2809.82	Ft.
	Singles D.P.		Ft.
2	D.C. 2¼ I.D. 7" O.D.	60.22	Ft.
13	D.C. 2¼ I.D. 6¼ O.D.	392.46	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
1	Subs NC 40 O.D.	3.96	Ft.
1	Bit or C.B. 8¾ O.D.	3.99	Ft.
	Kelly Down	35.54	Ft.
	Total	3306.00	Ft.
Wt. of String	105		Lbs.
Pipe in Hole	90		Jts.
Pipe on Racks	72		Jts.
Total Pipe on Lease	162		Jts.

BIT RECORD

Bit No.	8
Size	8¾
Mfg.	Reed
Type	S51GJ
Nozzle No.	3
Nozzle Size	12
Ser. No.	598651
Depth Out	
Depth In	3266
Total Ftg.	40
Total Hr. Run	4¾
Cond. of Bit	DRLG.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	6:00	8:00	
Weight	8.7	8.5	
Visc.-Sec.	43	35	
W.L.-C.C.	14.8		
FL TR. CK.	2/32		
PH	10.0	10.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller:

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
3266	3306	40	Drlg			50	25	1000	5½	60			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Service
4:15	4:30	¼						Pressure up Hydril & pipe rams (OK)
4:30	7:00	2½						Drilling out float & shoe
7:00	8:30	1½						Drilling 8¾" hole
8:30	8:45	¼						RIG SERV
8:45	12:00	3¼						DRILLING 8¾"

2479

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: AQUIT SULLIVAN PLATEAU Q-51-164-00-425-15

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: FEB 24 1974

Weather Condition | Road Conditions | Nearest Town | Water - Source / Miles Hauled / Pumped | Camp Distance from Rig / Reason for Extra L. Plant

OPERATOR: AQUITAINE OIL CO.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moon

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: F H Burnell

Rig No. 2 | Derrick IDECO 7-11

Drill Pipe String: No. 2 | Size 4½

Tool Joint: Type Thd. F.H. | 5¾ O.D.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO mm 600	H.P.	7½x6
2.	NAT	C-150	12
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	13¾	JAP	K55 54.5	13			442	
TUBING OR LINER								

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating		5	
Trips			
Lubricate Rig	¼	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing	7½	1¼	
Waiting on Cement		1	8
Drill Stem Test			
Other		½	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size ⅛
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	158
Cumulative Ton Mi. or Trips	158
No. of Days From Spud	20
Cumulative Rotating Hrs.	212½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C.		Mfg.		Visc.-Sec.	
	I.D. O.D.	Ft.	Type		W.L.-C.C.	
	D.C.		Nozzle No.		FL TR. CK.	
	I.D. O.D.	Ft.	Nozzle Size		PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.		
Pipe on Racks		Jts.	Trucker			
Total Pipe on Lease		Jts.	Trucker			
			Trucker		Driller: Dwayne Silva	

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth / Dev. / Direction | Depth / Dev. / Direction | Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV
12:15	8:00	7¾						RUNNING 9⅝ CASING

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C.		Mfg.		Visc.-Sec.	
	I.D. O.D.	Ft.	Type		W.L.-C.C.	
	D.C.		Nozzle No.		FL TR. CK.	
	I.D. O.D.	Ft.	Nozzle Size		PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.		
Pipe on Racks		Jts.	Trucker			
Total Pipe on Lease		Jts.	Trucker			
			Trucker		Driller: David Chatto	

Gel 5600 #'s
caustic 100 #'s
Benex 2 bags

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth / Dev. / Direction | Depth / Dev. / Direction | Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Service
8:15	1:15	5						Circulating casing to clean fill on Bottom
1:15	2:30	1¼						Cementing 9⅝" casing
2:30	3:00	½						Displacing cementing plug
3:00	4:00	1						W.O.C.

Ran 9 Cemented 83 Jts 9⅝"-36# K55
57 of C Csg Cemented w/ 425 sack allwill
cement. Csg Landed @ 3234 K.B.
Plug down @ 3:00 P.M. Feb/24/75
Bumped w/ 1000 P.S.I
(Floats Held)

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C.		Mfg.		Visc.-Sec.	
	I.D. O.D.	Ft.	Type		W.L.-C.C.	
	D.C.		Nozzle No.		FL TR. CK.	
	I.D. O.D.	Ft.	Nozzle Size		PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	Water Charges	Reg. Hrs. O.T. Hrs.		
Pipe on Racks		Jts.	Trucker			
Total Pipe on Lease		Jts.	Trucker			
			Trucker		Driller	

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth / Dev. / Direction | Depth / Dev. / Direction | Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8						W.O.C.
								Pick up B.O.P's Set 9⅝" Slips
								Cut OFF Csg, cleaning mud
								Tanks

2478

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease or Well Name: AQUIT SILVAN PLATEAU C51-10000-125-15

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: FEB 23 1974

Weather Condition | Road Conditions | Nearest Town | Water: Source ____ Miles Hauled ____ Pumped ____ | Camp Distance from Rig Plant 100 40 | Reason for Extra L.

OPERATOR: AQUITAINE OIL CO

SIGNATURE OF OPERATOR'S REPRESENTATIVE: W C Mann

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: B A Burns

Rig No. 2 | DWKS 10300 7-11

Drill Pipe String: No. 2 | Size 4½

Tool Joint: Size 5¾ O.D. | Type Thd. FH

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO-MM600	HP	7¾6
2.	NAT	C-150B	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13¾	JAP	K55 S45	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging	4¾	¾	
Running Casing & Cementing		7¾	
Waiting on Cement			
Drill Stem Test			
Other	3	1	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 1⅛

Feet Slipped 50

Feet Cut Off 50

Present Length 3550

Ton Mi. or Trips Since Last Cut 158

Cumulative Ton Mi. or Trips 158

No. of Days From Spud 18

Cumulative Rotating Hrs. 242½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
	Stb. Body O.D.	Ft.	Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Rmr. Body O.D.	Ft.	Depth Out	
	Subs O.D.	Ft.	Depth In	
	Bit or C.B.	Ft.	Total Ftg.	
	Kelly Down	Ft.	Total Hr. Run	
	Total	Ft.	Cond. of Bit	
Wt. of String		Lbs.	Reamer No.	
Pipe in Hole		Jts.	Reamer Type	
Pipe on Racks		Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
Total Pipe on Lease		Jts.	Trucker	
			Trucker	
			Trucker	

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Dwayne Sikora

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	3:00	3						LAY DOWN 9" DRILL COLLARS
3:00	3:15	¼						RIG SERV
3:15	4:00	¾						RIG UP TO LOG.
4:00	8:00	4						LOGGING
								FUEL 4 Ft

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
	Stb. Body O.D.	Ft.	Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Rmr. Body O.D.	Ft.	Depth Out	
	Subs O.D.	Ft.	Depth In	
	Bit or C.B.	Ft.	Total Ftg.	
	Kelly Down	Ft.	Total Hr. Run	
	Total	Ft.	Cond. of Bit	
Wt. of String		Lbs.	Reamer No.	
Pipe in Hole		Jts.	Reamer Type	
Pipe on Racks		Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
Total Pipe on Lease		Jts.	Trucker	
			Trucker	
			Trucker	

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: David Patterson

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	3:00	7						Logging
3:00	4:00	1						Rig up to run casing
								SENT BACK TO CONJ
								BITS 12¼
								SEC - 914360 - DMR
								SEC - 347344 MMR
								HW - 63290 - 116
								HW - 63303 - 116
								SEC - 443068 - 135
								HW - 59254 - MV11
								REED - 393147 - S3T
								REED 4011 - MAB
								HW 63304 - 116

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD	
	Stands D.P.	Ft.	Bit No.	
	Singles D.P.	Ft.	Size	
	D.C. I.D. O.D.	Ft.	Mfg.	
	D.C. I.D. O.D.	Ft.	Type	
	Stb. Body O.D.	Ft.	Nozzle No. / Size	
	Stb. Body O.D.	Ft.	Ser. No.	
	Rmr. Body O.D.	Ft.	Depth Out	
	Subs O.D.	Ft.	Depth In	
	Bit or C.B.	Ft.	Total Ftg.	
	Kelly Down	Ft.	Total Hr. Run	
	Total	Ft.	Cond. of Bit	
Wt. of String		Lbs.	Reamer No.	
Pipe in Hole		Jts.	Reamer Type	
Pipe on Racks		Jts.	Water Charges Reg. Hrs. O.T. Hrs.	
Total Pipe on Lease		Jts.	Trucker	
			Trucker	
			Trucker	

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:00	5						Running 9⅝" casing
9:00	9:15	¼						RIG SERV.
9:15	12:00	2¾						RUNNING 9⅝ CASING.

2477 GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUITAINE SILVER PLATEAU C-51 (6400-125-15)
Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.
Date: FEB. 22/74
Weather Condition: 20-BELOW Road Conditions: FAIR
Nearest Town: NORMAN WELLS
Water — Source: LAKE Miles Hauled: 1 Pumped: ____
Camp Distance from Rig: 1.00 FT. Reason for Extra L. Plant: ____

OPERATOR: AQUITAINE OIL CO.
SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore
SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lovejoy

Rig No. 2 (DWKS 30-20 7-11) | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 5¾ O.D., Type Thd. F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO MM 600	H.P. 9¾ x 16"	
2.	NOT	C-150-B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13⅜	JAP	K55 54.5	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	7½	3
Reaming			
Conditioning Mud & Circulating			2¾
Trips			1¼
Lubricate Rig	¼	¼	
Deviation Survey	¼	¼	¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			1
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No. 27562
No. of Lines 8 Size 1⅛
Feet Slipped 50
Feet Cut Off 50
Present Length 3500
Ton Mi. or Trips Since Last Cut 158
Cumulative Ton Mi. or Trips 158
No. of Days From Spud 18
Cumulative Rotating Hrs. 242½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
27	Stands D.P.	2778.55	Ft.
2	Singles D.P.		Ft.
6	D.C. 8" x 2¾" I.D.	182.57	Ft.
2	D.C. 2¾" I.D.	60.22	Ft.
4	D.C. 2¾" x 6¼" I.D. 8" O.D.	120.90	Ft.
	Stb. Body O.D.		Ft.
1	Stab. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub 6⅝ O.D.	2.57	Ft.
1	Bit 12¼	4.00	Ft.
	Kelly Down	16.00	Ft.
	Total	3378	Ft.
Wt. of String	106,000		Lbs.
Pipe in Hole	89		Jts.
Pipe on Racks	75		Jts.
Total Pipe on Lease	164		Jts.

BIT RECORD

Bit No.	7
Size	12¼
Mfg.	SEC
Type	S-88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	2829
Total Ftg.	349
Total Hr. Run	37
Cond. of Bit	DALG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	2:00	4:00	6:30
Weight	8.6+	8.8	8.8
Visc.-Sec.	44	48	47
W.L.-C.C.			
FL TR. CK.			
PH	9.5	V	V
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	75 00 #		
BENEX	28 #		
QUICKSEAL	4 BAGS		
CAUSTIC	150 #		
SAWDUST	20 BAGS		

Driller: Jack Lenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SOL-S Par'el-P Com'd-C
3110	3178	68	D			50	30-45	1000	7¼	57			S

Deviation Record: Depth 3110 | Dev. 1¾° | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	3:30	3¼						DRILLING
3:30	3:45	¼						SURVEY
3:45	8:00	4¼						DRILLING

FUEL - 2'
LOST APPROXIMATELY 100 BARRELS TO FORMATION

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
30	Stands D.P.	2841.03	Ft.
5	Singles D.P.		Ft.
6	D.C. 8" x 2¾"	182.57	Ft.
2	D.C. 2¾" x 6¼"	60.22	Ft.
4	D.C. 2¾" x 6¼"	120.90	Ft.
	Stb. Body O.D.		Ft.
1	Stab. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit 12¼	4.00	Ft.
	Kelly Down	21.50	Ft.
	Total	3245.95	Ft.
Wt. of String	106,000		Lbs.
Pipe in Hole	91		Jts.
Pipe on Racks	73		Jts.
Total Pipe on Lease	164		Jts.

BIT RECORD

Bit No.	7
Size	12¼
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	2829
Total Ftg.	416
Total Hr. Run	39½
Cond. of Bit	DRLG.
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	9:00	12:00	2:00
Weight	8.8	8.8	8.8
Visc.-Sec.	43	44	42
W.L.-C.C.			
FL TR. CK.			
PH	10.5	10	10
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel 2500 LBS			
Benex 10 LBS			

Driller: Dwayne Hess

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SOL-S Par'el-P Com'd-C
3178	3245	67	D			50	45	1000	7¼	43			S
						50	45	1000	7¼	43			

Deviation Record: Depth 5200 | Dev. 1¾° | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2½						DRILLING.
10:30	10:45	¼						RIG SERV.
10:45	2:15	3½						DRILLING.
2:15	2:30	¼						SURVEY.
2:30	4:00	1½						DRILLING.

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
30	Stands D.P.	2809.83	Ft.
1	Singles D.P.	31.20	Ft.
6	D.C. 8" x 2¾"	182.57	
2	D.C. 2¾" I.D.	60.22	Ft.
4	D.C. 2¾" x 6¼" O.D.	120.90	Ft.
	Stb. Body O.D.		Ft.
1	Stab. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	41.55	Ft.
	Total	3266	Ft.
Wt. of String	106,000		Lbs.
Pipe in Hole	91		Jts.
Pipe on Racks	73		Jts.
Total Pipe on Lease	164		Jts.

BIT RECORD

Bit No.	7
Size	12¼
Mfg.	Sec.
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	2829
Total Ftg.	437
Total Hr. Run	42½
Cond. of Bit	1D
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	6:00	6:00	
Weight	8.8	8.8	
Visc.-Sec.	48	60	
W.L.-C.C.	7/32	4/32	
FL TR. CK.	9.0	7.4	
PH	10.0	10	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3000		
Benex	6 Bags		

Driller: Norman Hatton

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3245	3266	21	D			50	45	1000	7¼	43			S

Deviation Record: Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	7:00	3						Drilling 12¼" hole
7:00	9:00	2						Circulating & Condition Hole For Log
9:00	9:15	¼						Drop Survey
9:15	11:00	1¾						Hoist Bit #7
11:00	12:00	1						Lay down 9" dr.ll collars

2476

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. AQUIT SILOAM PLATEAU C-51 (64-00-125-15

Date FEB. 21 74

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Weather Condition 30-BELOW Road Conditions FAIR Nearest Town NORMAN WELLS Water - Source Miles Hauled 7 LAKE Pumped ___ Camp Distance from Rig 100 FT Reason for Extra Loc. Plant

OPERATOR: AQUITAINE OIL Co.

Rig No. 2 Derrick No. 9-11

Drill Pipe String: No. 3 Size 4½

Tool Joint O.D. 5¼ Type Thd. F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER Linda Sweeney

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO - MM 600	H.P.	9¼x6"
2.	NAT-	C-80B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13⅜	JAP	K-55 64.5	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	7¾	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	¼	¼	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 1¼

Feet Slipped 50

Feet Cut Off 50

Present Length 3550

Ton Mi. or Trips Since Last Cut 96

Cumulative Ton-Mi. or Trips 96

No. of Days From Spud 17

Cumulative Rotating Hrs. 924½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
27	Stands D.P.	2528.59	Ft.
—	Singles D.P.		Ft.
6"	DC. 7 9"	182.57	
2	2¾"x2¼" I.D. O.D.	60.22	Ft.
4	D.C. 2¾"x6¼" I.D. O.D.	120.90	Ft.
	Stb. Body O.D.		Ft.
1	Stab. 6" Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit 3RR	4.00	Ft.
	Kelly Down		Ft.
	Total	2951.00	Ft.
Wt. of String	100,000		Lbs.
Pipe in Hole	81		Jts.
Pipe on Racks	83		Jts.
Total Pipe on Lease	164		Jts.

BIT RECORD	
Bit No.	7
Size	12¼
Mfg.	SEC
Type	S-84
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	3829
Total Ftg.	124
Total Hr. Run	9¼
Cond. of Bit	Dr Lg
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD			
Time	10P	4A	6A
Weight	9.7	8.7	8.7
Visc.-Sec.	46	44	46
W.L.-C.C.			
FL TR. CK.			
PH	9.5		9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Cell -	300 lbs		
Benex -	12 lbs		
Caustic	50 lbs		
Quick Sem	4 bags		
Sawdust	20 bags		

Driller Jack Wenger

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2851	2953	102	DR.			50	35	1000	7¼	57			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	2922	2½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12M	12⁵	¼						Rig Serv
12⁵	7⁴⁵	7½						Drilling
9⁴⁵	9⁵⁰	¼						Survey

LOST FUEL - 3'4" 75 BARRELS TO FORMATION

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
28	Stands D.P.	2652.36	Ft.
—	Singles D.P.		Ft.
6"	DC. 7 9"	182.57	
2	2¾"x2¼" I.D. O.D.	60.22	Ft.
4	D.C. 2¾"x6¼" I.D. O.D.	120.90	Ft.
1	Stab. 6" Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit 3RR	4.00	Ft.
	Kelly Down	43.22	Ft.
	Total	3050.00	Ft.
Wt. of String	106,000		Lbs.
Pipe in Hole	85		Jts.
Pipe on Racks	79		Jts.
Total Pipe on Lease	164		Jts.

BIT RECORD	
Bit No.	7
Size	12¼
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	2829
Total Ftg.	221
Total Hr. Run	16¾
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD			
Time	8"	12"	3"
Weight	8.8	8.8	8.8
Visc.-Sec.	60	47	45
W.L.-C.C.			
FL TR. CK.			
PH	9	9	9
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500	lbs	
Barex	2	bbls	

Driller Dwayne Lilman

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2953	3050	97	DR.			50	35	1000	7¼	57			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	3016	2¼							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2½						DRILLING
10:30	10:45	¼						RIG SERV & CHECK BOP.
10:45	3:45	5						DRILLING.
3:45	4:00	¼						SURVEY

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
28	Stands D.P.	2652.36	Ft.
2	Singles D.P.	60.22	Ft.
6"	DC. 7 9"	182.57	
2	2¾"x2¼" I.D. O.D.	60.22	Ft.
4	D.C. 2¾"x6¼" I.D. O.D.	120.90	Ft.
1	Stab. 6" Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit 3RR	4.00	Ft.
	Kelly Down	41.80	Ft.
	Total	3110.13	Ft.
Wt. of String	106,000		Lbs.
Pipe in Hole	96		Jts.
Pipe on Racks	98		Jts.
Total Pipe on Lease	194		Jts.

BIT RECORD	
Bit No.	7
Size	12¼
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	2829
Total Ftg.	281
Total Hr. Run	24½
Cond. of Bit	Dr Lg
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD			
Time	6"	11"	
Weight	8.8	8.8	
Visc.-Sec.	43	42	
W.L.-C.C.			
FL TR. CK.			
PH	9	9.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500	lbs	
Barex			
Benex	8	bbls	

Driller JW

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3050	3118	68	DR			50	35	1000	7¼	57			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						RIG SERV.
4:15	12M	7¾						DRILLING.

PAYROLL DATA 2476

DATE FEB. 21/74 C-51 (64-00-125-15

WELL NAME & No. AQUIT SILOAM PLATEAU

COMPANY GUTHRIE McLAREN

TOOL PUSHER Linda Sweeney RIG No. 2

MORNING TOUR 12M P.M. 8A A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Driller		JOE TYSOWSKI	12
Mitman		TIM HENSCH	12
Fireman		BRUCE REWITT	12
Fireman		DAVE FISHTEY	12
Fireman		ALBERT MOOSE	12

No. OF DAYS 83 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Driller		B. TEN MODE	12
Mitman		L LABONTE	12
Fireman		D. NICHOLS	12
Fireman		R. TRUDEAU	12
Fireman		B. COULTER	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Driller			
Mitman			
Fireman			
Fireman			
Fireman			
Fireman			
Loader		ARCHIE WILLIAMS	12
Trucker		Gordon Pepper	
Trucker		Wally Pedrick	
Cleaner		Nolan Belcourt	
K.D.		Kelly Cochrane	
Roustabout		Warren Bucholz	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

KODAK SAFETY FILM

2476

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. AQUIT SILOAM PLATEAU C-51 (64-00425-15

Date FEB. 21 74

Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.

Weather Condition 30-BELOW Road Conditions FAIR Nearest Town NORMAN WELLS Water - Source LAKE Miles Hauled 1 Pumped ... Camp Distance from Rig ... Reason for Extra L. Plant

OPERATOR: AQUITAINE OIL Co.

Rig No. 2 DWKS IDECO 7-11

Drill Pipe String: No. 5 Size 3½

Tool Joint O.D. 5¾ Type Thd. F.H

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO - MM. 600	H.P. 9½ X 6"	
2.	NAT-	C-150 A	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13⅜	JAP	K-55 54.5	13			472	

PAYROLL DATA 2476

DATE FEB. 21/74 C-51 (64-00-125-15

WELL NAME & No. AQUIT SILOAM PLATEAU

COMPANY GUTHRIE McLAREN

TOOL PUSHER Jack Swanger RIG No. 2

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	4½	7½	7¾
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	¼	¼	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No. 27562

No. of Lines 8 Size 1¼

Feet Slipped 50

Feet Cut Off 50

Present Length 3550

Ton Mi. or Trips Since Last Cut 96

Cumulative Ton Mi. or Trips 96

No. of Days From Spud 17

Cumulative Rotating Hrs. 92½

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
27	Stands D.P.	2528.59	Ft.
—	Singles D.P.		Ft.
6"	D.C. 2¾ X 9" I.D. O.D.	182.57	Ft.
2	D.C. 2¾ X 9" I.D. O.D.	60.22	Ft.
4	D.C. 2¾ X 6¼ I.D. O.D.	120.90	Ft.
	Sub. Body O.D. Stuck 9"	9.20	Ft.
1	Kmy Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit Sub	4.00	Ft.
	Kelly Down	41.80	Ft.
	Total	2951.00	Ft.

Wt. of String 100,000 Lbs.

Pipe in Hole 81 Jts.

Pipe on Racks 83 Jts.

Total Pipe on Lease 164 Jts.

BIT RECORD

Bit No.	7
Size	12¼
Mfg.	SEC
Type	S-88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	3829
Total Ftg.	124
Total Hr. Run	9¼
Cond. of Bit	Dalg
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	10P	4A	6.30
Weight	9.7	8.7	8.7
Visc.-Sec.	46	47	46
W.L.-C.C.			
FL TR. CK.			
PH	9.5		9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Cell -	3000 #		
Benex -	100 #		
Caustic	50 #		
Quick Seal	4 Bags		
Sawdust	- 20 Bags		

Driller Jack Wenger

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2852	2953	102	DR.			50	35	1000	7¼	57			S

Deviation Record: Depth 2922 Dev. 2½ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 MN	12 PM	¼						RIG SERV.
12 PM	7 PM	7½						DRILLING
7 PM	9 PM	¼						SURVEY
								FUEL - 3'4"
								LOST 75 BARRELS TO FORMATION

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
28	Stands D.P.	2653.86	Ft.
—	Singles D.P.		Ft.
6"	D.C. 3" X 9"	182.57	Ft.
2	D.C. 2¾ X 9"	60.22	Ft.
4	D.C. 2¾ X 6¼ I.D. O.D.	120.90	Ft.
1	Sub. Body O.D. Stuck 9"	9.20	Ft.
1	Kmy Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit Sub	4.00	Ft.
	Kelly Down	13.22	Ft.
	Total	3050.00	Ft.

Wt. of String 106,000 Lbs.

Pipe in Hole 85 Jts.

Pipe on Racks 79 Jts.

Total Pipe on Lease 164 Jts.

BIT RECORD

Bit No.	7
Size	12¼
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	2829
Total Ftg.	221
Total Hr. Run	16¾
Cond. of Bit	DALG
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	8"	12"	3"
Weight	8.8	8.8	8.8
Visc.-Sec.	60	47	45
W.L.-C.C.			
FL TR. CK.			
PH	9	9	9
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500	Lbs	
Barex	2	Lbs	

Driller Dwayne Libman

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2953	3050	97	DR.			50	35	1000	7¼	57			S

Deviation Record: Depth 3016 Dev. 2¼ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	10:30	2½						DRILLING.
10:30	10:45	¼						RIG SERV & CHECK BOP.
10:45	3:45	5						DRILLING.
3:45	4:00	¼						SURVEY

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
28	Stands D.P.	2684.86	Ft.
1	Singles D.P.		Ft.
6"	D.C. 3" X 9"	182.57	Ft.
2	D.C. 2¾ X 9"	60.22	Ft.
4	D.C. 2¾ X 6¼ I.D. O.D.	120.90	Ft.
1	Sub. Body O.D. Stuck	9.20	Ft.
1	Kmy Body O.D.	4.00	Ft.
1	Sub O.D.	2.57	Ft.
1	Bit Sub	4.00	Ft.
	Kelly Down	41.80	Ft.
	Total	3110.13	Ft.

Wt. of String 106,000 Lbs.

Pipe in Hole 86 Jts.

Pipe on Racks 78 Jts.

Total Pipe on Lease 164 Jts.

BIT RECORD

Bit No.	7
Size	12¼
Mfg.	SEC
Type	S88
Nozzle No.	3
Nozzle Size	16
Ser. No.	421546
Depth Out	
Depth In	2829
Total Ftg.	281
Total Hr. Run	24½
Cond. of Bit	Dalg
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	6"	11"	1
Weight	8.8	8.8	
Visc.-Sec.	43	42	
W.L.-C.C.			
FL TR. CK.			
PH	9	9.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500	Lbs	
Barex	8		
Benex	8		

Driller JW.

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
3050	3110	60	DR			50	35	1000	7¼	57			S

Deviation Record: Depth ... Dev. ... Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						RIG SERV.
4:15	12 MN	7¾						DRILLING.

MORNING TOUR 12 P.M. 8 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Flrman		BRUCE REWITT	12
Flrman		DAVE FISHTEY	12
Flrman		ALBERT MOSES	12
Fireman			

No. OF DAYS 83 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ... A.M. ... P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		B. TEN HOOVE	12
Mtrman		L. LABONTE	12
Flrman		D. NICHOLS	12
Flrman		R. TRUDEAU	12
Flrman		B. COULTER	12
Fireman			

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ... P.M. ... A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman			
Fireman			
LEASE		ARCHIE WILLIAMS	12
TRUCKS		GORDON PEPPER	
		WALLY PODOSKE	
CHARTER		MACK BOLGER	
KD		LARRY CARBAUGH	
BASECAMP		NATIONAL BUILDING	12

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

2475

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT S.LUAN PLATEAU
Location: C-51 (64-00 125 -15 Lsd. Sec. Twp. Rge. W. M.
Date: FEB. 20 '74

Weather Condition: 32 BELOW Road Conditions: FAIR
Nearest Town: NORMAN WELLS Water - Source: LAKE Miles Hauled: 1 Pumped:
Camp Distance from Rig: 100 yds. Reason for Extra L. Plant:

OPERATOR: AQUITAINE OIL Co.

Rig No. 2 DAYS 10 TO 11

Drill Pipe String: No. 2 Size 4½

Tool Joint: 5 3/4" O.D. Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Jack Lwenger

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	EMSCO-NM 600	7¾ X 14"	
2.	C-150-B	NATIONAL	12"
3.			

	Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
LAST CASING	13 3/4	JAP.	K55 54.5	13			413	
TUBING OR LINER								

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7½	7½	2
Reaming			
Conditioning Mud & Circulating			
Trips			5½
Lubricate Rig	¼	¼	
Deviation Survey	¼	¼	¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1/4
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	96
Cumulative Ton Mi. or Trips	96
No. of Days From Spud	16
Cumulative Rotating Hrs.	201 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
24	Stands D.P.	2309.88	Ft.
2	Singles D.P.		Ft.
6	D.C. 3" x 2" I.D.	182.57	Ft.
2	D.C. 2¾ x 2" I.D.	60.22	Ft.
4	D.C. 2¾ x 2¼ I.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Stb. O.D.	2.58	Ft.
1	Bit O.D.	4.00	Ft.
	Kelly Down	38.65	Ft.
	Total	2732	Ft.

Wt. of String: 96,000 Lbs.
Pipe in Hole: 44 Jts.
Pipe on Racks: 70 Jts.
Total Pipe on Lease: 164 Jts.

BIT RECORD

Bit No.	6
Size	12¼
Mfg.	SEC
Type	S-88
Nozzle No.	2 1
Nozzle Size	15 14
Ser. No.	404669
Depth Out	
Depth In	2773
Total Ftg.	557
Total Hr. Run	40½
Cond. of Bit	D16
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

	1st	4th	8th
Time	1st	4th	8th
Weight	8.8	8.8	8.8
Visc.-Sec.	42	48	49
W.L.-C.C.			
FL TR. CK.			
PH			9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GEL	350		
BENEX	14		
SAWDUST	85 bags		
QUICKSEAL	5 BAGS		
CAUSTIC	50		

Driller: Jack Lwenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
2642	2732	90	DR			40-50	20-30	1000	7¾	45			S

Deviation Record: Depth 2642 Dev. 3° Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	12:30	¼						SURVEY
12:30	8:00	7½						DRILLING

FUEL - 2'
LOSSING MUD TO FORMATION

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
25	Stands D.P.	2403.70	Ft.
2	Singles D.P.		Ft.
6	D.C. 3" x 2" I.D.	182.67	Ft.
2	D.C. 2¾ x 2" I.D.	60.22	Ft.
4	D.C. 2¾ x 2¼ I.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Stb. O.D.	2.58	Ft.
1	Bit O.D.	4.00	Ft.
	Kelly Down	39.83	Ft.
	Total		Ft.

Wt. of String: 100,000 Lbs.
Pipe in Hole: 77 Jts.
Pipe on Racks: 87 Jts.
Total Pipe on Lease: 164 Jts.

BIT RECORD

Bit No.	6
Size	12¼
Mfg.	SEC
Type	S88
Nozzle No.	2 1
Nozzle Size	15 14
Ser. No.	404669
Depth Out	
Depth In	2773
Total Ftg.	652.
Total Hr. Run	48
Cond. of Bit	2 IN
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

	10th	12th	3rd
Time	10th	12th	3rd
Weight	8.8	8.8	8.8
Visc.-Sec.	44		43
W.L.-C.C.			
FL TR. CK.			
PH	9		9.
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	5000 LBS		
Benex	20 LBS		
Sawdust	20 Sacks		

Driller: Dwayne Shaw

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
2732	2825	93				50	30-40	1000	7¾	45			

Deviation Record: Depth 2735 Dev. 2¾ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	11:00	3						DRILLING.
11:00	11:15	¼						RIG SERV - CHECK BOPs.
11:15	11:30	¼						SURV.
11:30	4:00	4½						DRILLING.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
26	Stands D.P.	2434.85	Ft.
—	Singles D.P.		Ft.
6	D.C. 3" x 2" I.D.	182.57	Ft.
2	D.C. 2¾ x 2" I.D.	60.22	Ft.
4	D.C. 2¾ x 2¼ I.D.	120.90	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Stb. O.D.	2.58	Ft.
1	Bit O.D.	4.00	Ft.
	Kelly Down	32.68	Ft.
	Total	2850	Ft.

Wt. of String: 100,000 Lbs.
Pipe in Hole: 78 Jts.
Pipe on Racks: 86 Jts.
Total Pipe on Lease: 164 Jts.

BIT RECORD

Bit No.	6	7
Size	12¼	12¼
Mfg.	SEC	SEC
Type	S88	S88
Nozzle No.	2 1	3
Nozzle Size	15 14	16
Ser. No.	404669	421546
Depth Out	2829	
Depth In	2773	2829
Total Ftg.	656	
Total Hr. Run	48¾	
Cond. of Bit	T3-2	Drlg
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

	11th		
Time	11th		
Weight	8.7+		
Visc.-Sec.	45		
W.L.-C.C.			
FL TR. CK.			
PH	9.		
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000		
Benex	8		
Caustic	D		
Quickseal	3 bags		
Sawdust	10 Bags		

Driller: [illegible]

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
2825	2851	26	DR			50	30	1000	7¾	57			S

Deviation Record: Depth 2829 Dev. 2¾ Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						DRILLING.
4:15	4:30	¼						SURVEY
4:30	10:00	5½						HOIST FOR BIT & RUN IN
10:00	10:15	¼						BREAK CIRC & CLEAN TABOTTM.
10:15	12:00	1¾						DRILLING

PAYROLL DATA 2475

DATE FEB. 20 '74
WELL NAME & NO. AQUIT S.LUAN PLATEAU
COMPANY GUTHRIE McLAREN
TOOL PUSHER Jack Lwenger RIG No. 2

MORNING TOUR 12 P.M. 8 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK LWENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Firman		BRUCE REUITT	12
Firman		DAVE HUSHAY	12
Firman		ALBERT MOSES	12
Fireman			

No. OF DAYS 82 SINCE LAST LOST TIME ACCIDENT

DAY TOUR A.M. P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		B. TEN HOUSE	12
Mtrman		L. LABONTE	12
Firman		D. NICHOLS	12
Firman		R. TRUDEAU	12
Firman		G. COULTIER.	12
Fireman			

No. OF DAYS SINCE LAST LOST TIME ACCIDENT

EVENING TOUR P.M. A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Firman			
Firman			
Fireman		A. WILLIAMS	12
Trucks		GEORGE PEPPER	
Caterer		WALLY DAPRESKE	
		NORM BOUCHARD	
Asst Cook		MARVIN BUCKHOLZ	16

No. OF DAYS SINCE LAST LOST TIME ACCIDENT

2474

GUTHRIE McLAREN Drilling Co. Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUIT SILVAN PLATEAU C-51-C64-00-125-15
Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.
Date: FEB. 19 1974

Weather Condition: 20 BELOW Road Conditions: FAIR Nearest Town: NORMAN WELLS Water - Source: LAKE Miles Hauled ___ Pumped ___ Camp Distance from Rig: 100 yds Reason for Extra L. Plant

OPERATOR: AQUITAINE OIL Co.

Rig No. 2 DWKS 10ECO 5-11 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: Type Thd. F.H. 5 3/4 O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lanergan

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO (MUDMASTER)	600-H.P.	9¾ x 16"
2.	NAT.	C-150-B	12"

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13 3/8	J&L	K-55 54.5	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	9½	6½	6¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	
Deviation Survey	¼	¾	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		½	1¼
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	27562
No. of Lines	8 Size 1/8
Feet Slipped	50
Feet Cut Off	50
Present Length	3550
Ton Mi. or Trips Since Last Cut	48
Cumulative Ton Mi. or Trips	48
No. of Days From Spud	15
Cumulative Rotating Hrs.	184 3/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
21	Stands D.P.	2029.54	Ft.
2	Singles D.P.		Ft.
6	D.C. 8" x 3"	182.57	Ft.
	I.D. O.D.		Ft.
2	D.C. 8" x 3"	60.22	
4	2¾ x 6¼ I.D. O.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stab. Hock Body 9" O.D.	9.20	Ft.
1	Rmr. Body 10 O.D.	4.00	Ft.
1	Subs X/6 O.D.	2.58	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	38.00	Ft.
	Total	2450.00	Ft.
	Wt. of String	94,000	Lbs.
	Pipe in Hole	65	Jts.
	Pipe on Racks	99	Jts.
	Total Pipe on Lease	164	Jts.

BIT RECORD

Bit No.	
Size	12¼
Mfg.	SEC
Type	S-88
Nozzle No.	2 1
Nozzle Size	15 14
Ser. No.	404469
Depth Out	
Depth In	2173
Total Ftg.	277
Total Hr. Run	19¾
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	100	338	700
Weight	8-9	8.8	8.8
Visc.-Sec.	39	38	39
W.L.-C.C.			
FL TR. CK.			
PH	9.5	9	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
CELL	2000#		
BENEX	4 BAGS		

Driller: Jack Wenger

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
23	Stands D.P.	2186.41	Ft.
	Singles D.P.		Ft.
6	D.C. 8" x 3"	182.57	Ft.
	I.D. O.D.		Ft.
2	D.C. 8" x 3"	60.22	
4	2¾ x 6¼ I.D. O.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stab. Hock Body 9" O.D.	9.20	Ft.
1	Rmr. Body 10 O.D.	4.00	Ft.
1	Subs X/6 O.D.	2.58	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	36.62	Ft.
	Total	2575.00	Ft.
	Wt. of String	96,000	Lbs.
	Pipe in Hole	70	Jts.
	Pipe on Racks	94	Jts.
	Total Pipe on Lease	164	Jts.

BIT RECORD

Bit No.	6
Size	12¼
Mfg.	SEC
Type	S-88
Nozzle No.	2 1
Nozzle Size	15 14
Ser. No.	404469
Depth Out	
Depth In	2173
Total Ftg.	402
Total Hr. Run	26¼
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	1100	2-00	4--
Weight	8.5	8.5	8.8
Visc.-Sec.	42	55	37
W.L.-C.C.			
FL TR. CK.			
PH	9.5	9.5	9.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500	FCLS	
Benex	2	CCLS	

Driller: Dwayne Shaw

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
23	Stands D.P.	2217.61	Ft.
2	Singles D.P.		Ft.
6	D.C. 8" x 3"	182.57	Ft.
	I.D. O.D.		Ft.
2	D.C. 8" x 3"	60.22	
4	2¾ x 6¼ I.D. O.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stab. Hock Body 9" O.D.	9.20	Ft.
1	Rmr. Body 10 O.D.	4.00	Ft.
1	Subs X/6 O.D.	2.58	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	41.80	Ft.
	Total	2469.89	Ft.
	Wt. of String	96,000	Lbs.
	Pipe in Hole	71	Jts.
	Pipe on Racks	93	Jts.
	Total Pipe on Lease	164	Jts.

BIT RECORD

Bit No.	6
Size	12¼
Mfg.	SEC
Type	S88
Nozzle No.	2-1
Nozzle Size	15-14
Ser. No.	404469
Depth Out	
Depth In	2173
Total Ftg.	469
Total Hr. Run	33
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time			11⁰⁰
Weight			8.8
Visc.-Sec.			31
W.L.-C.C.			
FL TR. CK.			
PH			8.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Cell	7200#		
Benex	26 LBS		
Soda Ash	32 SACKS		
Caustic	100#		

Driller: Jack

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2350	2450	100	DRL			80	30	1050	7¾	45			S

Deviation Record: Depth 2360 | Dev. 4° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12⁰⁰	12¼	¼						RIG SERV.
12.15	12.30	¼						SURVEY
12.30	8⁰⁰	7½						DRILLING
								FUEL - 3'2"

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2450	2575	125	D			50	30	1000	7¼	44			S

Deviation Record: Depth 2415 | Dev. 3° | Direction [illegible] | Depth 2547 | Dev. 2¼ | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8.00	8.15	¼						RIG SERV. & CHECK BOP.
8.15	8.30	¼						SURVEY
8.30	11.15	2¾						DRILLING
11.15	11.45	½						CIRC.
11.45	3.30	3¾						DRILLING
3.30	3.00	½						SURVEY
3.00	4.00	1						DRILLING
								LOST CIRC AT 2600
								LOST 150 BARRELS OF MUD

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
125													
2575	2642	67	DR			50	30	1000	7¼	44			S
						50	20	900	7½				

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4.00	6.15	2¼						DRILLING
6.15	7.30	1¼						MIX LCM CIRC MAT.
7.30	12⁰⁰	4½						DRILLING
								LOSING MUD TO FORMATION

PAYROLL DATA

2474

DATE: FEB. 19/74 C-51-C64-00-125-15
WELL NAME & No.: AQUIT. SILVAN PLATEAU
COMPANY: GUTHRIE McLAREN
TOOL PUSHER: Leslie Lanergan RIG No. 2

MORNING TOUR 12⁰⁰ P.M. 8⁰⁰ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		TIM HENSCH	12
Flrman		BRUCE REVITT	12
Flrman		DALE HUSHLEY	12
Flrman		ALBERT MOSES	12
Fireman			

No. OF DAYS 81 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		B. TEA HOUSE	12
Mtrman		L. LABONTE	12
Flrman		D. NICHOLS	12
Flrman		R. TRUDEAU	12
Flrman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman		ARCHIE WILLIAMS	12
Fireman			
		LARRY GERBRANDT	
Loader		NORM BELCOURT	
Trucks		GORDON PEPPER	
		WALLY PODWORNY	
Base Camp		MARVIN BATHELOR	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2473

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: AQUITAINE SILURIAN PLATEAU C-51 64-00-125-15
Location — Lsd. Sec. Twp. Rge. W. M.

Date: FEB. 18 74

OPERATOR: AQUITAINE OIL Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE:

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swingle

Rig No. 2 | DWKS IDECO 7-11 | Drill Pipe String No. 2 Size 4½ | Tool Joint Type Thd F H. O.D. 5 3/4

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO	600-HP.	14
2.	NAT.	C-150-B	12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13⅜	Jap	K-55 54.5#	13			412	

Weather Condition: G-ABOVE Road Conditions: FAIR Nearest Town: NORMAN WELLS Water - Source: LAKE Miles Hauled: / Pumped: Camp Distance from Rig: 100 YDS Reason for Extra L. Plant:

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6	13	7½
Reaming			
Conditioning Mud & Circulating			
Trips	1½	7½	
Lubricate Rig	¼	½	¼
Deviation Survey	¼		¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other		¾	
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	15	8

TIME SUMMARY (Office Use Only)

	Day Work							Total Day Work
Hrs. W/DP								
Hrs. W/O/DP								
Hrs. Standby								

WIRE LINE RECORD

Reel No. 27562
No. of Lines 9 Size 1¼
Feet Slipped 50
Feet Cut Off 50
Present Length
Ton Mi. or Trips Since Last Cut 46
Cumulative Ton Mi. or Trips 48
No. of Days From Spud 14
Cumulative Rotating Hrs. 164¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
18	Stands D.P.	1749.27 Ft.
2	Singles D.P.	Ft.
6	D.C. 9"	182.15 Ft.
	I.D. O.D.	Ft.
2	D.C. 7¾ x 2¼	60.22
4	D.C. 7¾ x 2¼	120.96 Ft.
	Sub Body O.D.	Ft.
1	Sub Shock O.D.	9.20 Ft.
1	Sub Rmr. Body O.D.	4.80 Ft.
1	Sub O.D.	2.58 Ft.
1	Bit Sub O.D.	4.00 Ft.
	Kelly Down	10.08 Ft.
	Total	Ft.
Wt. of String	90,000	Lbs.
Pipe in Hole	55	Jts.
Pipe on Racks	108	Jts.
Total Pipe on Lease	164	Jts.

BIT RECORD

Bit No.	5
Size	12¼
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	14
Ser. No.	59256
Depth Out	2173
Depth In	2091
Total Ftg.	82
Total Hr. Run	12½
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges · Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	1st	3rd	5th
Weight	8.9	8.9	8.9
Visc.-Sec.	35	38	37
W.L.-C.C.			
FL TR. CK.			
PH			9.0
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GELL-	1800#		
BENEX	3 BAGS		

Driller: Jackie Swingle

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
19	Stands D.P.	1942.59 Ft.
D	Singles D.P.	Ft.
6	D.C. 9"	182.57
	I.D. O.D.	Ft.
2	D.C. 7¾ x 2¼	60.22
4	D.C. 7¾ x 6¼	120.96 Ft.
	Sub Body O.D.	Ft.
1	Sub Shock O.D.	9.20 Ft.
1	Sub Rmr. Body O.D.	4.00 Ft.
1	Sub O.D.	2.55 Ft.
1	Bit O.D.	4.00 Ft.
	Kelly Down	2086 Ft.
	Total	2246.92 Ft.
Wt. of String	92000	Lbs.
Pipe in Hole	59	Jts.
Pipe on Racks	105	Jts.
Total Pipe on Lease	164	Jts.

BIT RECORD

Bit No.	6
Size	12¼
Mfg.	SEC
Type	S 88
Nozzle No.	2 1
Nozzle Size	15 14
Ser. No.	401669
Depth Out	
Depth In	2173
Total Ftg.	73
Total Hr. Run	4¾
Cond. of Bit	DRLG.
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	12:00	3:00	4:00
Weight	8.8	8.8	8.8
Visc.-Sec.	35	41	38
W.L.-C.C.			
FL TR. CK.			
PH		9	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500	LBS	
Benex	6	LBS	

Driller: Duncan Hume

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
20	Stands D.P.	1962.00 Ft.
2	Singles D.P.	Ft.
6	D.C. 9"	182.57
	I.D. O.D.	Ft.
2	D.C. 7¾ x 2¼	60.22
4	D.C. 7¾ x 6¼	120.96 Ft.
	Sub Body O.D.	Ft.
1	Sub Shock O.D.	9.20 Ft.
1	Sub Rmr. Body O.D.	4.00 Ft.
1	Sub O.D.	2.58 Ft.
1	Bit Sub O.D.	4.00 Ft.
	Kelly Down	37.80 Ft.
	Total	2360.00 Ft.
Wt. of String	94,000	Lbs.
Pipe in Hole	62	Jts.
Pipe on Racks	102	Jts.
Total Pipe on Lease	164	Jts.

BIT RECORD

Bit No.	6
Size	12¼
Mfg.	SEC
Type	S 88
Nozzle No.	2 1
Nozzle Size	15 14
Ser. No.	401669
Depth Out	
Depth In	2173
Total Ftg.	177
Total Hr. Run	12¼
Cond. of Bit	Drlg
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	6:00	11:00	
Weight	8.8+	8.9	
Visc.-Sec.	37	38	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500	LBS	
Benex	2½	LBS	

Driller: J.W.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
2132	2173	41	DR			60-80	20-25	1000	7½	57			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	2173	4½°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						RIG SERV.
12:15	6:00	5¾						DRILLING
6:00	8:00	1½						HOIST FOR BIT
								FUEL - 2'6" AT 6:00 AM.
								"BLOWOUT DRILL HELD"

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
2173	2246	73				55	3000	1000	7½	44			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:30	½						LAY DOWN SHOCK SUB TO BREAK BIT
8:30	8:45	¼						PICK UP SHOCK SUB
8:45	9:00	¼						RIG SERV & CHECK BOP
9:00	11:00	2						RUN IN W/ BIT 6
11:00	11:15	¼						BREAK CIRC
11:15	4:00	4¾						DRILLING
								SAFETY MEATING
								HOUSEKEEPING & STEAM HOSE

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
2246	2350	104	DR.			53	3000	1000	7½	44			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	2266	4½							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1						DRILLING
5:00	5:15	¼						RIG SERV.
5:15	5:30	¼						SURVEY
5:30	12:00	6½						DRILLING.

PAYROLL DATA

2473

DATE FEB. 18 74 G-51 64-00-125-15
WELL NAME & No. AQUITAINE SILURIAN PLATEAU
COMPANY GUTHRIE McLAREN
TOOL PUSHER Leslie Swingle RIG No. 2

MORNING TOUR 7:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE LYSOWSKI	12
Mtrman			
Flrman		BRUCE REVITT	12
Flrman		DAVE HUSHLEY	12
Flrman		ALBERT MOSES	12
Fireman			

No. OF DAYS 80 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ..... A.M. ..... P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		R. TEN HOUVE	12
Mtrman		L. LABONTE	12
Flrman		D. NICHOLS	12
Flrman		R. TAUDEAU	12
Fireman			

No. OF DAYS ..... SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ..... P.M. ..... A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman		ARCHIE WILLIAMS	12
Flrman			
Flrman			
Fireman			

No. OF DAYS ..... SINCE LAST LOST TIME ACCIDENT

2472

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well No. SILVAN PLATEAU C-51 (64-00-125-15) Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.

Date FEB 17 1964

Weather Condition 10-BELOW Road Conditions FAIR Nearest Town NORMAN WELLS Water - Source LAKE Miles Hauled 1 Pumped ... Camp Distance from Rig 100 yds. Reason for Extra L. Plant

OPERATOR: AQUITAINE OIL Co.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Jack Lenger

Rig No. 2 DWKS IDECO 9-11

Drill Pipe String: No. 7 Size 4½

Tool Joint: Size 5¾ O.D. Type Thd F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO		16"
2.	NAT.	C-250-B	12"
3			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13 3/8	K-J&P	K-55 54.5	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¾	3	5¼
Running			
Conditioning Mud & Circulating			
Trips		3	1½
Lubricate Rig	¼	¼	
Deviation Survey		¼	
Test B.O.P.			
Cut Off Drilling Line		1½	
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other Clean out			1
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No. 27562
No. of Lines 8 Size 1/4
Feet Slipped 50
Feet Cut Off 50
Present Length
Ton Mi. or Trips Since Last Cut 16
Cumulative Ton Mi. or Trips 16
No. of Days From Spud 13
Cumulative Rotating Hrs. 146

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
17	Stands D.P.	1655.09	Ft.
2	Singles D.P.		Ft.
6	D.C. 9" I.D. O.D.	182.57	Ft.
2	8" I.D. 7" O.D.	60.22	Ft.
4	8" I.D. 6¼ O.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	9" — 9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.58	Ft.
1	Bit 8½	4.00	Ft.
	Kelly Down	27.47	Ft.
	Total	2065.00	Ft.
Wt. of String		88,000	Lbs.
Pipe in Hole		53	Jts.
Pipe on Racks		111	Jts.
Total Pipe on Lease		164	Jts.

BIT RECORD

Bit No.	4
Size	12¼
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	16
Ser. No.	59270
Depth Out	
Depth In	1845
Total Ftg.	220
Total Hr. Run	24¼
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	1ST	4TH	7TH
Weight	8.9	8.9	8.9
Visc.-Sec.	36	35	36
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

DESILTER DISCHARGE 128 M

Mud & Chemicals Added

Type	Amt.	Type	Amt
CELL	7200#		
BENEX	15 bags.		

Driller Jack Lenger

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
18	Stands D.P.	1686.44	Ft.
	Singles D.P.		Ft.
6	D.C. 9" I.D. 8" O.D.	182.57	Ft.
2	D.C. 8" I.D. 7" O.D.	60.22	Ft.
4	D.C. 8" I.D. 6¼ O.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.58	Ft.
1	Bit 8½	4.00	Ft.
	Kelly Down	27.47	Ft.
	Total	2091.62	Ft.
Wt. of String		90,000	Lbs.
Pipe in Hole		54	Jts.
Pipe on Racks		110	Jts.
Total Pipe on Lease		164	Jts.

BIT RECORD

Bit No.	4
Size	12¼
Mfg.	H.W.
Type	XDV
Nozzle No.	3
Nozzle Size	16
Ser. No.	54270
Depth Out	2065
Depth In	1845
Total Ftg.	246
Total Hr. Run	27¼
Cond. of Bit	6 2 1
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
4 LGS	BE-N-FX		
1 CASE	CEL		

Driller Jack Lenger

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
18	Stands D.P.	1717.93	Ft.
5	Singles D.P.		Ft.
6	D.C. 9" I.D. 8" O.D.	182.57	Ft.
2	D.C. 8" I.D. 7" O.D.	60.22	Ft.
4	D.C. 8" I.D. 6¼ O.D.	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body O.D.	9.20	Ft.
1	Rmr. Body O.D.	4.00	Ft.
1	Sub O.D.	2.58	Ft.
1	Bit 8½	4.00	Ft.
	Kelly Down	31.60	Ft.
	Total	3132.30	Ft.
Wt. of String		90,000	Lbs.
Pipe in Hole		55	Jts.
Pipe on Racks		109	Jts.
Total Pipe on Lease		164	Jts.

BIT RECORD

Bit No.	5
Size	12¼
Mfg.	HW
Type	XDV
Nozzle No.	3
Nozzle Size	16
Ser. No.	59256
Depth Out	
Depth In	2090
Total Ftg.	41
Total Hr. Run	5¾
Cond. of Bit	DRLG
Reamer No.	
Reamer Type	

Water Charges — Reg. Hrs. — O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time		8:00	11:00
Weight		8.9	8.9
Visc.-Sec.		34	36
W.L.-C.C.		8.9	8.9
FL TR. CK.			
PH		9	9
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Cell	2,100#		
BENNEX	4 bags.		
CAUSTIC	2 bags.		

Driller Jack

FOOTAGE / FORMATION / DETAILS OF OPERATIONS

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1985	2065	80	D			60-80	30	1000	7½	57			S

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200	1330	1½						DRILLING
1330	1345	¼						RIG SERV.
1345	2400	6¼						DRILLING

FUEL - 1'
LOOSING SOME MUD TO FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2065	2090	26	D			60-80	30	1000	7½	57			

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
800	915	1¼						DRILLING
915	930	¼						RIG SERV. CHECK BOP
930	1115	1¾						DRILLING
1115	1130	¼						SURVEY
1130	1300	1½						HOIST BIT 4
1300	200	1						RUN IN BIT 5
200	330	1½						SLIP & CUT LINE 50 FT LINE
330	400	½						RUN IN

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
2090	2132	41	D			60-80	20-25	1050	7¼	57			5

Deviation Record: Depth / Dev. / Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
400	530	1½						RUN IN
530	615	¾						CLEAN TO BOTTOM
615	1200	5¾						DRILLING

PAYROLL DATA 2472

DATE FEB-17/64 (C-51-64-00-125-15)
WELL NAME & No. SILVAN PLATEAU
COMPANY GUTHRIE McLAREN
TOOL PUSHER Jack Lenger RIG No. 2

MORNING TOUR 12 P.M. 8 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman			
Flrman		BRUCE REWITT	12
Flrman		DAVE HUSHLEY	12
Flrman			
Fireman			

No. OF DAYS 7-9 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ... A.M. ... P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		B. TEN HOVE	12
Mtrman		L. LABONTE	12
Flrman		D. NICHOLS	12
Flrman		R. TRUDEAU	12
Flrman			
Fireman			

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ... P.M. ... A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman			
Fireman			
		GORDEN PEPPER	
		WALLY PODURKE	
		NORM BELCOURT	
		MARVIN BATCHELOR	12

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

2471

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: 6-51 AQUITAINE SULVAN PLATEAU
Location — Lsd. 6 Sec. 00 Twp. 125 Rge. 15 W. M.

Date: FEB. 16 74

Weather Condition: 20 ABOVE Road Conditions: FAIR
Nearest Town: HAMMAY WELLS Water - Source ____ Miles Hauled ____ Pumped ____ Camp Distance from Rig 100 yds Reason for Extra L. Plant ____

OPERATOR: AQUITAINE OIL CO.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Dunlop

Rig No. 2 DWKS IDECO 7-11

Drill Pipe String: No. 5 Size 4½

Tool Joint: Size 5-7/8 O.D. Type Thd F.H.

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	IDECO		16"
2.	C-150-B.		12"
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13 3/8	Jos.	K-55 54.5#	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	13½	7½	16
Reaming			
Conditioning Mud & Circulating			
Trips	½		½
Lubricate Rig		½	½
Deviation Survey	¼		¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No. ____
No. of Lines 8 Size 1/4
Feet Slipped
Feet Cut Off
Present Length
Ton Mi. or Trips Since Last Cut
Cumulative Ton Mi. or Trips
No. of Days From Spud
Cumulative Rotating Hrs.

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
15	Stands D.P.	1436.05	Ft.
5	Singles D.P.		Ft.
6	D.C. 9" I.D. O.D.	182.51	Ft.
2	7"	60.22	
4	6¼	120.96	Ft.
	Stb. Body O.D.		Ft.
	Kmr. Body O.D.	9.20	Ft.
1	Kmr. Body 8 O.D.	4.00	Ft.
1	Sub 8 O.D.	2.58	Ft.
1	Bit	4.00	Ft.
	Kelly Down	34.48	Ft.
	Total	1853.00	Ft.

Wt. of String 86,000 Lbs.
Pipe in Hole 46 Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

Bit No.	3	4
Size	12¼	12¼
Mfg.	H.W.	H.W
Type	3XG	XDV
Nozzle No.	3	3
Nozzle Size	16	16
Ser. No.	58294	59270
Depth Out	1845	
Depth In	1508	1845
Total Ftg.	337	8
Total Hr. Run	19	1¼
Cond. of Bit	6-2-1	DALG
Reamer No.		
Reamer Type		

Water Charges Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	9:30		
Weight	8.9		
Visc.-Sec.	38		
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GELL	1000#		

Driller Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
1837	1853	16	DR			65	20	1600	7¼	57			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1845	2¼°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:30	½						DRILLING
12:30	12:45	¼						SURVEY
12:45	6:45	6						HOIST & TRIP FOR BIT AND PICK UP SLOCK SUB & 9" D.C.'S HARD TO BREAK, HOLE A LITTLE TIGHT
6:45	8:00	1¼						DRILLING

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
16	Stands D.P.		Ft.
5	Singles D.P.	1529.29	
6	D.C. 9" I.D. O.D.	182.51	Ft.
2	7"	60.22	
4	6¼	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Kmr. Body O.D.	9.20	Ft.
1	Kmr. Body 8 O.D.	4.00	Ft.
1	Sub O.D.	2.58	Ft.
1	Bit	4.00	Ft.
	Kelly Down	10.81	Ft.
	Total	1924	Ft.

Wt. of String 88000 Lbs.
Pipe in Hole 49 Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

Bit No.	4	
Size	12¼	
Mfg.	H.W.	
Type	XDV	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	59270	
Depth Out		
Depth In	1845	
Total Ftg.	88	
Total Hr. Run	9½	
Cond. of Bit	DALG	
Reamer No.		
Reamer Type		

Water Charges Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	10:00	1900	3:00
Weight	8.9	8.9	8.9
Visc.-Sec.	33	35	34
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000 #'s		
Ben-ex	22 #'s		

Driller Dwayne Shaw

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
1853	1924	71	DR			65	20	1000	7¼	57			S
						65	20	1000	7¼	57			
						60-70	20-25	1000	7¼	57			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						DRILLING
8:15	8:30	¼						RIG SERV. & CHECK BOP's
8:30	4:00	7½						DRILLING

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
16	Stands D.P.	1560.99	Ft.
2	Singles D.P.		Ft.
6	D.C. 9" I.D. O.D.	182.51	Ft.
2	7"	60.22	
4	6¼	120.96	Ft.
	Stb. Body O.D.		Ft.
1	Kmr. Body O.D.	9.20	Ft.
1	Kmr. Body 8 O.D.	4.00	Ft.
1	Sub O.D.	2.58	Ft.
1	Bit	4.00	Ft.
	Kelly Down	41.80	Ft.
	Total	1885.00	Ft.

Wt. of String 88,000 Lbs.
Pipe in Hole 50 Jts.
Pipe on Racks Jts.
Total Pipe on Lease Jts.

BIT RECORD

Bit No.	4	
Size	12¼	
Mfg.	XDV	
Type	3-H.W	
Nozzle No.	16	
Nozzle Size		
Ser. No.	59270	
Depth Out		
Depth In	1845	
Total Ftg.	140	
Total Hr. Run	16½	
Cond. of Bit	Dalg	
Reamer No.		
Reamer Type		

Water Charges Reg. Hrs. O.T. Hrs.
Trucker
Trucker
Trucker

MUD RECORD

Time	7:00		10:00
Weight	8.9		8.9
Visc.-Sec.	34		34
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2500 #'s		
Ben-ex	10 #'s		

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SCL-S Par'el-P Com'd-C
1924	1985	61	DR			60-70	20-25	1000	7¼	57			S
						60-70	25-30	1050	7¼	57			

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1922	3¼°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	8:45	4¾						DRILLING.
8:45	9:00	¼						RIG SERV.
9:00	9:15	¼						SURVEY
9:15	12:00	2¾						DRILLING

PAYROLL DATA 2471

DATE FEB 16/74 6-51-064-00-125-15 W1

WELL NAME & No. SULVAN PLATEAU

COMPANY GUTHRIE McLAREN

TOOL PUSHER Leslie Dunlop RIG No. 2

MORNING TOUR 8:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman			
Flrman		BRUCE REDIT	12
Flrman		DAVE BUSHTEY	12
Flrman			
Fireman			

No. OF DAYS 78 SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		D. SIKORA	12
Drkman		B. TEN HOVE	12
Mtrman		L. LABONTE	12
Flrman		D. NICHOLS	12
Flrman		R. TRUDEAU	12
Flrman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman		GORDON BOPPART	
Flrman		WESLEY NADEAU KE	
Flrman		NORM BATCHELOR	
Fireman			
		MARVIN BATCHELOR	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2470

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Agu't Silver Plateau G-51 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date: Feb 15 1974

Weather Condition: 0° | Road Conditions: Rough | Nearest Town: Norman Wells | Water - Source: Lake, Miles Hauled: 2, Pumped: ___ | Camp Distance from Rig: ___, Reason for Extra L. Plant: ___

OPERATOR: Aquitaine

Rig No. 2 | DWKS | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 6" O.D., Type Thd. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [signature]

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swezey

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm600	16
2.	National	C-120	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13¾	Sap	54.4 K55	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	3½	7¼	
Reaming			
Conditioning Mud & Circulating			
Trips	¼		
Lubricate Rig	¼	¼	
Deviation Survey	¼	½	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No. ___
No. of Liner ___ Size ___
Feet Slipped ___
Feet Cut Off ___
Present Length ___
Ton Mi. or Trips Since Last Cut ___
Cumulative Ton Mi. or Trips ___
No. of Days From Spud ___
Cumulative Rotating Hrs. ___

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
12	Stands D.P.	1123.69	Ft.
1	Singles D.P.	31.34	Ft.
6	D.C. 7" x 6" I.D. O.D.	182.51	Ft.
2	7"	60.22	
4	6¼"	120.96	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body 8⅛ O.D.	4.00	Ft.
1	Sub 8⅛ O.D.	2.58	Ft.
1	Bit 8½	4.60	Ft.
	Kelly Down	30.70	Ft.
	Total	1560	Ft.

Wt. of String: 80,000 Lbs.
Pipe in Hole: 37 Jts.
Pipe on Racks: 34 Jts.
Total Pipe on Lease: 71 Jts.

BIT RECORD

Bit No.	2	3
Size	12¼	12¼
Mfg.	H.W.	H.W.
Type	X1G	X1G
Nozzle No.	3	3
Nozzle Size	16	16
Ser. No.	63305	58794
Depth Out	1508	
Depth In	980	1508
Total Fte.	528	52
Total Hr. Run	16½	2
Cond. of Bit	3-2-1	I/I
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. ___ O.T. Hrs. ___
Trucker ___
Trucker ___
Trucker ___

MUD RECORD

Time			7:00
Weight			8.9
Visc.-Sec.			54
W.L.-C.C.			13.0
FL TR. CK.			
PH			10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1500 lbs		
3 bags Benex			

Driller: Harold Chatters

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1472	1560	88	D			40-50	20	1600	7¼	57			S

Deviation Record: Depth 1508 | Dev. 30 | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	1:45	1½						Drilling 12¼" hole
1:45	2:00	¼						Drop Survey
2:00	4:00	2						Hoist B.H.#2
4:00	6:00	2						Pick up 1 stand 6½" collars & run in bit #3
6:00	8:00	2						Drilling 12¼" hole

Desilter puts out 2.5 gal/min discharge

Fuel 4 ft.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
14	Stands D.P.	1342.46	Ft.
3	Singles D.P.		Ft.
6	D.C. 7" x 6" I.D. O.D.	182.51	Ft.
2	7"	60.22	
4	6¼"	120.96	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body 8⅛ O.D.	4.00	Ft.
1	Sub 8⅛ O.D.	2.58	Ft.
1	Bit 8½	4.00	Ft.
	Kelly Down	19.27	Ft.
	Total	1735.00	Ft.

Wt. of String: 82,000 Lbs.
Pipe in Hole: 43 Jts.
Pipe on Racks: 121 Jts.
Total Pipe on Lease: 164 Jts.

BIT RECORD

Bit No.	3	
Size	12¼	
Mfg.	H.W.	
Type	X1G	
Nozzle No.	3	
Nozzle Size	16	
Ser. No	58794	
Depth Out		
Depth In	1508	
Total Fte.	227	
Total Hr. Run	9¼	
Cond. of Bit	Dal-9	
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. ___ O.T. Hrs. ___
Trucker ___
Trucker ___
Trucker ___

MUD RECORD

Time	9:00	10:00	3:00
Weight	8.9	8.9	8.9
Visc.-Sec.	35	37	38
W.L.-C.C.			
FL TR. CK.			
PH			9.5
SD. Cont. %			
Pressure Gradient			

UNDER FLOW OF DESILTER 12-8 # PER GAL

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Cell	4800 #		
Bennex	11 bags		

Driller: Jack Wenger

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1560	1735	175	DR			60-85	20-25	1600	7¼	57	5½		S

Deviation Record: Depth 1600 | Dev. 3° | Direction ~~NOW~~ | Depth 1694 | Dev. 3¼° | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv. + B.O.P. ck. ck motor shut off
8:15	10:00	1¾						Drilling
10:00	10:15	¼						Survey
10:15	2:30	4¼						Drilling 6
2:30	2:45	¼						Survey
2:45	4:00	1¼						Drilling

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
16	Stands D.P.	1436.05	Ft.
3	Singles D.P.		
6	D.C. 7" x 6" I.D. O.D.	182.51	Ft.
2	7"	60.22	
4	6¼"	120.96	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body 8⅛ O.D.	4.00	Ft.
1	Sub 8⅛ O.D.	2.58	Ft.
1	Bit 8½	4.00	Ft.
	Kelly Down	26.68	Ft.
	Total	1837	Ft.

Wt. of String: 84,000 Lbs.
Pipe in Hole ___ Jts.
Pipe on Racks ___ Jts.
Total Pipe on Lease ___ Jts.

BIT RECORD

Bit No.	3	
Size	12¼	
Mfg.	HW	
Type	X1G	
Nozzle No.	3	
Nozzle Size	16	
Ser. No.	58794	
Depth Out		
Depth In	1508	
Total Fte.	329	
Total Hr. Run	16½	
Cond. of Bit	DR-E	
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. ___ O.T. Hrs. ___
Trucker ___
Trucker ___
Trucker ___

MUD RECORD

Time	5:00	8:00	10:00
Weight	8.9	8.9	8.9
Visc.-Sec.	40	37	39
W.L.-C.C.			
FL TR. CK.			
PH	9.5	9.5	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	9000 lbs		
Bennex	8		

Driller: Dwayne Sikora

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Mud Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1735	1837	102	DR			60-80	30000	1000	7¼	57			S
						70-80	20000		7¼	57			

Deviation Record: Depth 1788 | Dev. 3° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	9:45	5¾						DRILLING
9:45	10:00	¼						CIRC TO SURVEY
10:00	10:15	¼						~~SURVEY~~ SAND
10:15	10:30	¼						RIG SERVICE
10:30	12:00	1½						DRILLING

PAYROLL DATA

2470

DATE Feb 15, 1974
WELL NAME & No. Agu't Silver Plateau
COMPANY Aquitaine
TOOL PUSHER Leslie Swezey RIG No. 2

MORNING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	16
Drkman		Wayne Sikora	16
Mtrman		Al Medke	16
Flrman		Martin Boudreau	16
Flrman		Steve Radmanovich	16
Flrman			
Flreman			
		8 hrs travel time to Edmonton	

No. OF DAYS 7 SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman			
Flrman		BRUCE REWITT	12
Flrman		DAVE FUSHTEY	12
Flrman			
Flreman			

No. OF DAYS 77 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		DWAYNE SIKORA	12
Drkman		BILL TICKHOLE	12
Mtrman		LINDEN LABONTE	12
Flrman			
Flrman		ROGER TRUDEAU	12
Flrman			
Flreman			
		8-HR-TRAVEL-TIME	
		MURRY BURSTEAD	12
Trucks		CLIFF WARD	12
		WALLY PODOSKE	12
Grader		NORM BELCOURT	12
Base Camp		Douglas NICHOLS	12
		MARILYN BATCHELOR	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

2469

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Agnit Silvan Plateau G-51

Location — Lsd. ____ Sec. ____ Twp. ____ Rge. ____ W. ____ M.

Date: Feb 14 1974

Weather Condition: -10 | Road Conditions: rough | Nearest Town: Norman Wells | Water - Source: Lake, Miles Hauled: 2, Pumped: ____ | Camp Distance from Rig: ____, Reason for Extra L. Plant: ____

OPERATOR: Aquitaine

Rig No. 2 | Drill Pipe String: No. 2, Size 4½ | Tool Joint: 6" O.D. | DWKS: Ideco 7-11 | Type Thd: F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Jack Lunny

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm600	16
2.	National	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13⅜	Jap	68.4 K55	13			412	

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	4¼	6¾	7½
Reaming			
Conditioning Mud & Circulating			
Trips	½		
Lubricate Rig	¼	¼	¼
Deviation Survey		¾	¾
Test B.O.P.			4
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			¼
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	
No. of Lines	Size 1⅛
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	17
Cumulative Ton Mi. or Trips	17
No. of Days From Spud	7
Cumulative Rotating Hrs.	93¼

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
7	Stands D.P.	655.06	Ft.
1	Singles D.P.	30.83	Ft.
6	D.C. 7" 6' I.D. 6" O.D.	182.51	Ft.
2	D.C. 7" I.D. 6" O.D.	60.22	Ft.
1	D.C. 7" I.D. 6" O.D.	30.61	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Kmr Body O.D.	2.58	Ft.
1	Sub O.D.	4.00	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	41.19	Ft.
	Total	1011	Ft.
Wt. of String	72		Lbs.
Pipe in Hole	22		Jts.
Pipe on Racks	49		Jts.
Total Pipe on Lease	71		Jts.

BIT RECORD		
Bit No.	1	2
Size	12¼	12¼
Mfg.	H.W.	H.W.
Type	XIG	XIG
Nozzle No.	3	3
Nozzle Size	16	16
Ser. No.	58791	63305
Depth Out	980	
Depth In	412	980
Total Ftg.	568	31
Total Hr. Run	36	1
Cond. of Bit	8-8-1	1N
Reamer No.		
Reamer Type		

Water Charges: Reg. Hrs. ____ O.T. Hrs. ____
Trucker ____
Trucker ____
Trucker ____

MUD RECORD			
Time	2:00		8:00
Weight	8.8		8.8
Visc.-Sec.	38		40
W.L.-C.C.			
FL TR. CK.			
PH			11.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	600 #lbs		

Driller: David Chatters

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
9	Stands D.P.	904.70	Ft.
2	Singles D.P.		Ft.
6	D.C. 9" I.D. O.D.	182.51	Ft.
2	D.C. 7" I.D. 6" O.D.	60.22	Ft.
1	D.C. 7" I.D. 6" O.D.	30.61	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Kmr Body O.D.	4.00	Ft.
1	Sub O.D.	2.58	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	41.80	Ft.
	Total	1230.42	Ft.
Wt. of String	73,000		Lbs.
Pipe in Hole	29		Jts.
Pipe on Racks	42		Jts.
Total Pipe on Lease	71		Jts.

BIT RECORD	
Bit No.	2
Size	12¼"
Mfg.	H.W.
Type	XIG
Nozzle No.	3
Nozzle Size	16
Ser. No.	63305
Depth Out	0
Depth In	980
Total Ftg.	250
Total Hr. Run	9¾
Cond. of Bit	Dalg
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. ____ O.T. Hrs. ____
Trucker ____
Trucker ____
Trucker ____

MUD RECORD			
Time	9:00	12:00	3:00
Weight	8.8	8.8	8.8
Visc.-Sec.	33	35	36
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	4000 #		
Benex	5 Bags		

Driller: Jack Wenger

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
12	Stands D.P.	1123.69	Ft.
1	Singles D.P.	31.34	Ft.
6	D.C. 9" I.D. O.D.	182.51	Ft.
2	D.C. 7" I.D. 6" O.D.	60.22	Ft.
1	D.C. 7" I.D. 6" O.D.	30.61	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Kmr Body O.D.	4.00	Ft.
1	Sub O.D.	2.58	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	33.05	Ft.
	Total	1472	Ft.
Wt. of String	74,000		Lbs.
Pipe in Hole	37		Jts.
Pipe on Racks	34		Jts.
Total Pipe on Lease	71		Jts.

BIT RECORD	
Bit No.	2
Size	12¼
Mfg.	H.W.
Type	XIG
Nozzle No.	3
Nozzle Size	16
Ser. No.	63305
Depth Out	
Depth In	980
Total Ftg.	492
Total Hr. Run	14¾
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. ____ O.T. Hrs. ____
Trucker ____
Trucker ____
Trucker ____

MUD RECORD			
Time	4:30	7:00	12:00
Weight	8.8	8.8	8.8
Visc.-Sec.	34	37	43
W.L.-C.C.			14
FL TR. CK.			
PH		11.0	10.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	3000		
Benex	6 Bags		

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
918	1011	93	D			90	10	900	7¼	52			3

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	980	4°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service.
12:15	3:30	3¼						Drilling 12¼" hole
3:30	5:30	2						Hoist Bit #1
5:30	7:00	1½						Run in Bit #2
7:00	8:00	1						Drilling 12¼" hole

Sub 3 4"

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1011	1230	219	D			80-90	20-25	1000	7¼	57			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1042	3¼°	1105-2¾°				1199 -	3°	

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv., B.O.P. Ck., MOTOR SHUTOFF
8:15	10:00	1¾						DRILLING
10:00	10:15	¼						SURVEY
10:15	12:00	1¾						DRILLING
12:00	12:15	¼						SURVEY
12:15	12:30	¼						RIG CHECK By Cons. Board ✓
12:30	3:15	2¾						DRILLING
3:15	3:30	¼						SURVEY
3:30	4:00	½						DRILLING
								Rig Inspection by Greg Wood Conservation Engineer. Feb 14/73

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
1230	1472	242	DR			80-90	20-25	1000	7¼	57			5

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	1324	2¾°		1417	2°				

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv.
4:15	6:30	2¼						DRILLING
6:30	6:45	¼						SURVEY
6:45	9:30	2¾						DRILLING
9:30	10:00	½						Survey (hole tight)
10:00	12:00	2						Drilling 12¼" hole

PAYROLL DATA

2469

DATE: Feb 14, 1974

WELL NAME & No.: Agnit Silvan Plateau G-51

COMPANY: Aquitaine

TOOL PUSHER: Jack Lunny RIG No. 2

MORNING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller		Dave Chatters		12
Drkman		Wayne Sikora		12
Mtrman		Al Medke		12
Flrman		Martin Boudreau		12
Flrman		Steve Radmanovich		12
Flrman				
Fireman				

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8 am A.M. 4 00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller		JACK WENGER		12
Drkman		JOE TYSOWSKI		12
Mtrman		DON TYSOWSKI		12
Flrman		BRUCE REDDIT		12
Flrman		MIKE TIAHLO		12
Flrman		DAVE FISHTEY		12
Fireman				

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller				
Drkman				
Mtrman				
Flrman				
Flrman				
Flrman	Grader	Norm Belcourt		
Fireman		Murry Bumstead		
	trucks	Wally Podrudski		14
		Cliff Ward		
		Douglas Nichols		12
		Marvin Batchelor		12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2468

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name Aquit Silver Plateau G-51 | Date Feb 13 1974

Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.

Weather Condition -25° | Road Conditions rough | Nearest Town Norman Wells | Water - Source Lake, Miles Hauled 2, Pumped | Camp Distance from Rig, Reason for Extra L. Plant

OPERATOR: Aquitaine

Rig No. 2 | DWKS Edeco 7-11 | Drill Pipe String No. 2, Size 4½ | Tool Joint Type Thd. F.H., O.D. 6"

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lemay

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Edeco	mm 600	16
2.	National	C-150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No. Joints	Feet	RKB. to CSC. HD.	Set at	Remarks
13⅜	Jap	54.5 K55	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	7¼	6¼	10½
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey	½	½	¾
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig		1	
Coring			
Ware Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK: A. Perforating; B. Tubing Trips; C. Swabbing; D. Testing; E. Additional

Totals: 8 8 8

TIME SUMMARY (Office Use Only)

Day Work | Hrs. W/DP | Hrs. WO/DP | Hrs. Standby | Total Day Work

WIRE LINE RECORD

Reel No. | No. of Lines, Size | Feet Slipped | Feet Cut Off | Present Length | Ton Mi. or Trips Since Last Cut | Cumulative Ton Mi. or Trips | No. of Days From Spud 6 | Cumulative Rotating Hrs. 73¼

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
4	Stands D.P.	374.56 Ft.
	Singles D.P.	Ft.
6	D.C. 3" 9" I.D. O.D.	182.51 Ft.
2	7"	60.22
1		30.61 Ft.
	Sub. Body O.D.	Ft.
	Sub. Body O.D.	Ft.
1	Kelly Bush. O.D.	4.00 Ft.
1	Sub O.D.	2.58 Ft.
1	Bit Sub O.D.	4.00 Ft.
	Kelly Down	36.52 Ft.
	Total	695 Ft.

Wt. of String 71,000 Lbs. | Pipe in Hole 12 Jts. | Pipe on Racks 59 Jts. | Total Pipe on Lease 71 Jts.

BIT RECORD

Bit No.	1
Size	12¼
Mfg.	H.W.
Type	X1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	58791
Depth Out	
Depth In	412
Total Ftg.	283
Total Hr. Run	20¼
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker ... Trucker ... Trucker ...

MUD RECORD

Time	2:00	4:00	7:00
Weight	8.7	8.8	8.8
Visc.-Sec.	35	34	33
W.L.-C.C.			
FL TR. CK			
PH		10	
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

200 lbs bicarbonate soda

Driller: David Chatters

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGLS Par'el-P Com'd-C
575	695	120	D.			90	10	950	7¼	50			5

Deviation Record: Depth 637 | Dev. 2¼ | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	4:00	3¾						Drilling 12¼" hole
4:00	4:30	½						Survey
4:30	8:00	3½						Drilling 12¼" hole

Fuel 4"

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
5	Stands D.P.	467.56 Ft.
—	Singles D.P.	Ft.
6	D.C. 3" 9" I.D. O.D.	182.51 Ft.
2	7"	60.22
1		30.61 Ft.
	Sub. Body O.D.	Ft.
	Sub. Body O.D.	Ft.
1	Kelly Bush. O.D.	4.00 Ft.
1	Sub O.D.	2.58 Ft.
1	Bit Sub O.D.	4.00 Ft.
	Kelly Down	41.80 Ft.
	Total	793.28 Ft.

Wt. of String 72,000 Lbs. | Pipe in Hole 15 Jts. | Pipe on Racks 56 Jts. | Total Pipe on Lease 71 Jts.

BIT RECORD

Bit No.	1
Size	12¼
Mfg.	H.W.
Type	X1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	58791
Depth Out	
Depth In	412
Total Ftg.	381
Total Hr. Run	28¼
Cond. of Bit	DRLG.
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker ... Trucker ... Trucker ...

MUD RECORD

Time	9:00	11:00
Weight	8.8	8.6
Visc.-Sec.	37	50
W.L.-C.C.		
FL TR. CK.		
PH	12	
SD. Cont. %		
Pressure Gradient		

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Bicarbonate Soda - 300 #
Cell - 500 #

Driller: Jack Wenger

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGLS Par'el-P Com'd-C
695	793	98	Dr.			80-90	10-15	900	7¼	52	5½		5

Deviation Record: Depth 700' | Dev. 2 3/4 | Direction 762.3° | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv. & Motors shut off + B.O.P.
8:15	8:30	¼						Survey
8:30	12:30	4						Drilling 12¼" Hole
12:30	12:45	¼						Survey
12:45	3:00	2¼						Drilling 12¼" Hole
3:00	4:00	1						Repair Air Line on Rotary Clutch

Started up Desilter 8 p.m. Feb 13-74

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		
6	Stands D.P.	561.29 Ft.
1	Singles D.P.	31.24 Ft.
6	D.C. 3" 9" I.D. O.D.	182.51 Ft.
2	7"	60.22
1		30.61 Ft.
	Sub. Body O.D.	Ft.
	Sub. Body O.D.	Ft.
1	Kelly Bush. O.D.	4.00 Ft.
1	Sub O.D.	2.58 Ft.
1	Bit Sub O.D.	4.00 Ft.
	Kelly Down	41.53 Ft.
	Total	918 Ft.

Wt. of String 72,000 Lbs. | Pipe in Hole 19 Jts. | Pipe on Racks 52 Jts. | Total Pipe on Lease 71 Jts.

BIT RECORD

Bit No.	1
Size	12¼
Mfg.	H.W.
Type	X1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	58791
Depth Out	
Depth In	412
Total Ftg.	506
Total Hr. Run	32¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.
Trucker ... Trucker ... Trucker ...

MUD RECORD

Time	4:00	8:00	12:00
Weight	8.8	8.8	8.8
Visc.-Sec.	34	34	35
W.L.-C.C.			
FL TR. CK.			
PH		12.5	12.5
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added: Type / Amt. / Type / Amt.

Cell - 3000 #lbs.

Driller: J.W.

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGLS Par'el-P Com'd-C
793	918	125	Dr.			80-90	10	1000	7¼	52			5

Deviation Record: Depth 824' | Dev. 3½° | Direction | Depth 887 | Dev. 3¾° | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Rig Serv.
4:15	5:30	1¼						Drilling 12¼" Hole
5:30	5:45	¼						Survey
5:45	9:30	3¾						Drilling 12¼ Hole
9:30	10:00	½						Survey
10:00	12:00	2						Drilling 12¼" hole

Changed oil in No 2 pump motor.

PAYROLL DATA — 2468

DATE Feb 13, 1974

WELL NAME & No. Aquit Silver Plateau G-51

COMPANY Aquitaine

TOOL PUSHER Leslie Lemay RIG No. 2

MORNING TOUR ... P.M. ... A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	12
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Flrman		Martin Boudreau	12
Flrman		Steve Radmanovich	12
Flrman			
Fireman			

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

DAY TOUR 8:00 A.M. 4:00 P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Jack Wenger	12
Drkman		Joe Tysowski	12
Mtrman		Don Tysowski	12
Flrman		Bruce Revitt	12
Flrman		Mike Tiahlo	12
Flrman		Dave Fushtey	12
Fireman			

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ... P.M. ... A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman	Casual	Norm Belcourt	12
Fireman		Murray Bruneau	12
		Woody Dodwell	
		Clem Evard	12
		Note Mike Chenard & Pete Chenard Quit Job Feb 12-74	
		Marvin Botchelor	

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

2467

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquit Silvan Plateau G-57

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: Feb 12 1974

Weather Condition: -35° Road Conditions: tough

Nearest Town: Morgan wells

Water - Source: Lake Miles Hauled: 2 Pumped: ___

Camp Distance from Rig ___ Reason for Extra L. Plant

OPERATOR: Aquitaine

Rig No. 2 DWKS Edco 7-11

Drill Pipe String: No. 2 Size 4½

Tool Joint: Type Thd. 6" O.D. F.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D E McLaren

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swierzyn

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Edco	mm 600	16
2.	National	9-P-100	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13⅜	Sap	55# K55	13			412	

PAYROLL DATA 2467

DATE Feb 12, 1974

WELL NAME & No. Aquit Silvan Plateau G-57

COMPANY Aquitaine

TOOL PUSHER Leslie Swierzyn RIG No. 2

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	12	7½	4¼
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	¼	¼	¼
Deviation Survey		¼	¼
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			2¼
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	¼		
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work			

WIRE LINE RECORD

Reel No.

No. of Lines Slit

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud: 5

Cumulative Rotating Hrs.: 54¾

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.	93.54	Ft.
3	Singles D.P.		Ft.
6	D.C. 9" 2¾ I.D. O.D.	182.51	Ft.
2	D.C. 6¼ 2¼ I.D. O.D.	60.22	Ft.
1	D.C. 6¼ 2¼ I.D. O.D.	30.61	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body 10 O.D.	4.00	Ft.
1	Subs X/O O.D.	2.58	Ft.
1	Bit or C.B.	4.00	Ft.
	Kelly Down	34.50	Ft.
	Total	419	Ft.

Wt. of String: 68,000 Lbs.

Pipe in Hole: 3 Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	#1
Size	12¼
Mfg.	H.W.
Type	X1G
Nozzle No.	3
Nozzle Size	16
Ser. No.	58791
Depth Out	
Depth In	412
Total Ftg.	7
Total Hr. Run	½
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	
Weight	
Vis.-Sec.	
W.L.-C.C.	XC
FL TR. CK.	WO
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: David Chatters

FOOTAGE

From	To	Fige.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
412	419	7	D.			65	10	700	7¼	46			5
								600		50			

Deviation Record: Depth ___ Dev. ___ Direction ___ | Depth ___ Dev. ___ Direction ___ | Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:30	12:15	¼						Rig Service
12:15	2:15	2						PICK up collars + drill pipe
2:15	2:30	¼						Circulate Heavy mud from casing
2:30	3:00	½						Pressure up pipe rams to 1500/15 - 15 min (OK)
3:00	3:15	¼						Pressure up Hydril to 1500 #/in² pressure for 15 min. (O.K)
3:15	7:30	4¼						Drilling out flyt + shoe
7:30	8:00	½						Drilling 12¼ hole

Fuel 2'6"

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
2	Stands D.P.	186.71	Ft.
—	Singles D.P.		Ft.
6	D.C. 9" 3" I.D. O.D.	182.51	Ft.
2	D.C. 7" 2⅛ I.D. O.D.	60.22	Ft.
1	D.C. 6¼ 2¼ I.D. O.D.	30.61	Ft.
	Stb. Body O.D.		Ft.
1	Stb. Body X/O O.D.	4.00	Ft.
1	Rmr. Body 10 O.D.	2.58	Ft.
1	Subs 15 50 O.D.	4.00	Ft.
	Bit or C.B.		Ft.
	Kelly Down	41.00	Ft.
	Total	512.43	Ft.

Wt. of String: 68,000 Lbs.

Pipe in Hole: 6 Jts.

Pipe on Racks: 65 Jts.

Total Pipe on Lease: 71 Jts.

BIT RECORD

Bit No.	1
Size	12¼
Mfg.	H.W.
Type	X16
Nozzle No.	3
Nozzle Size	16
Ser. No.	58791
Depth Out	
Depth In	412
Total Ftg.	100
Total Hr. Run	.8
Cond. of Bit	Dale
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	10:00	1:00	3:00
Weight	8.6	8.6	8.6
Vis.-Sec.	30	33	34
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
GELL	3000 #		
BICARB-SODA	400 #		
BENEX	11 BAGS		

Driller: Jack Wenger

FOOTAGE

From	To	Fige.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
419	512	93	Dr.			80-90	10	1000	7¼	58			5

Deviation Record: Depth 449 Dev. ¾ Direction ___ | Depth ___ Dev. ___ Direction ___ | Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig Serv + B.O.P. ck
8:15	12:00	3¾						Drilling
12:00	12:15	¼						Survey
12:15	4:00	3¾						Drilling

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
3	Stands D.P.	280.64	Ft.
	Singles D.P.		Ft.
6	D.C. 9" 3" I.D. O.D.	182.51	Ft.
2	D.C. 6¼ 2¼ I.D. O.D.	60.22	Ft.
1	D.C. 6¼ 2¼ I.D. O.D.	30.61	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
1	Rmr. Body 10 O.D.	4.00	Ft.
1	Subs X/O O.D.	2.58	Ft.
1	Bit Sub O.D.	4.00	Ft.
	Kelly Down	10.44	Ft.
	Total	575	Ft.

Wt. of String: 70,000 Lbs.

Pipe in Hole: 9 Jts.

Pipe on Racks: 62 Jts.

Total Pipe on Lease: 71 Jts.

BIT RECORD

Bit No.	1
Size	12¼
Mfg.	H.W.
Type	X16
Nozzle No.	3
Nozzle Size	16
Ser. No.	58791
Depth Out	
Depth In	412
Total Ftg.	163
Total Hr. Run	12¾
Cond. of Bit	IN
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	5:00	9:00	12:00
Weight	8.6	8.6	8.6
Vis.-Sec.	35	35	34
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
9500 # GEL			
150 # Bicarbonate Soda			

Driller: JW

FOOTAGE

From	To	Fige.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
512	575	63	Dr.			90	8-10	1100	7¼	58			

Deviation Record: Depth ___ Dev. ___ Direction 5:12 2¾ | Depth 575 Dev. 2½ Direction ___ | Depth ___ Dev. ___ Direction ___

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	¼						Survey
4:15	4:30	¼						Rig Serv.
4:30	9:15	4¾						Drilling
9:15	12:00	2¾						Work on compressor + air lines

Rig Move

MORNING TOUR — P.M. — A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	12
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Flrman		Martin Boudreau	12
Flrman		Steve Radmanovich	12
Flrman			
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR — A.M. — P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		DON TYSOWSKI	12
Flrman		BRUCE REWITT	12
Flrman		MIKE TIABLO	12
Flrman	LEASE	MIKE CHENARD	11
Fireman	LEASE	PETE CHENARD	11
		DAVE FUSHTEY	12

No. OF DAYS 74 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR — P.M. — A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman		MURRY BUSTARD	
Fireman	TRUCK	CLIFF WARD	
		WALLY DESROSIER	12
	GRADER	NORM BELCOURT	12
		DOUGLAS NICHOLS	12
		MARVIN BATCHELOR	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

2466

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquitaine Silver Plateau Co. #1

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: FEB 11 19 74

Weather Condition: -30 Road Conditions: rough Nearest Town: Norman Wells

Water - Source: lake Miles Hauled: 2 Pumped ___ Camp Distance from Rig ___ Reason for Extra L. Plant ___

OPERATOR: Aquitaine

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Drover

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swaggy

Rig No. 2 DWKS Idco 7-H

Drill Pipe String: No. ___ Size ___

Tool Joint: Type Thd. ___ O.D. ___

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm600	16
2.	National	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13 3/8	Tap	54.5 K55	13			412	

PAYROLL DATA 2466

DATE FEB. 11-74

WELL NAME & No. Aquit Silvan Plateau Co #1

COMPANY Aquitaine

TOOL PUSHER Leslie Swaggy RIG No. 2

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	8	8	8
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	
No. of Lines	Size
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	
Cumulative Rotating Hrs.	

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
Stands D.P.		
Singles D.P.		
D.C. I.D.	O.D.	
D.C. I.D.	O.D.	
Stb. Body	O.D.	
Rmr. Body	O.D.	
Subs	O.D.	
Bit or C.B.		
Kelly Down		
Total		
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller David Chatters

FOOTAGE

From	To	Ftge.
412		

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig Service
12:15	7:00	6 3/4						Heading up
7:00	8:00	1						Rig Up to drill mouse hole

Fuel 3.6

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
Stands D.P.		
Singles D.P.		
D.C. I.D.	O.D.	
D.C. I.D.	O.D.	
Stb. Body	O.D.	
Rmr. Body	O.D.	
Subs	O.D.	
Bit or C.B.		
Kelly Down		
Total		
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller Jack Wenger

FOOTAGE

From	To	Ftge.

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
9:45	10:00	2						RIG TO DRILL MOUSE HOLE
10:00	10:15	1/4						PRESSURE TEST BLIND RAMS TO 1500# - 15 MINS.
10:15	10:30	1/4						PRESSURE TEST MANIFOLD TO 1500# - 15 MINS.
10:30	10:45	1/4						PRESSURE TEST KELLY COCK - 1500# - 15 MINS.
10:45	11:00	1/4						CHECK MOTOR SHUTOFF ✓ - OK.
11:00	8	1 3/5						DRILL MOUSE HOLE

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.		Ft.
Stands D.P.		
Singles D.P.		
D.C. I.D.	O.D.	
D.C. I.D.	O.D.	
Stb. Body	O.D.	
Rmr. Body	O.D.	
Subs	O.D.	
Bit or C.B.		
Kelly Down		
Total		
Wt. of String		Lbs.
Pipe in Hole		Jts.
Pipe on Racks		Jts.
Total Pipe on Lease		Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE

From	To	Ftge.

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1						DRILL MOUSE HOLE
5:00	8:00	3						WARM UP ON DRILL COLLARS, AND
8:00	12:30	4 1/2						PICK UP, PUT BIT ON
								picking up drill collars (9" & 7")

NOTE
Rec 2 joints 3½ DRILL PIPE
FROM RIG #7 By HELICOPTER
(FOR FLAIR LINE)

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

MORNING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller		Dave Chatters	12	
Drkman		Wayne Sikora	12	14
Mtrman		Al Medke	12	
Flrman		Martin Boudreau	12	
Flrman		Steve Radmanovich	12	
Flrman				
Fireman				

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller		JACK WENGER	12	
Drkman		JOE TYSOWSKI	12	
Mtrman		DON TYSOWSKI	12	
Flrman		BRUCE REVITT	12	
Flrman		MIKE TIAHLO	12	
Flrman		MIKE CHENARD	12	
Fireman		PETE CHENARD	12	
		DAVE FUSHTEY	12	

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.	
Driller				
Drkman				
Mtrman				
Flrman				
Flrman				
Flrman				
Fireman				
Truck		Murry Bumstead		
		Cliff Ward		
grader		Norm Belcourt		
		Douglas Nichols	12	
		Marvin Batchelor	12	

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

2465

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquit Silvan Plateau G-51

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Date: Feb 10 1974

Weather Condition: -25° Road Conditions: rough

Nearest Town: Norman Wells

Water - Source: Lake Miles Hauled: 2 Pumped:

Camp Distance from Rig: Reason for Extra L. Plant:

OPERATOR: Aquitaine

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Swaggy

Rig No. 2 — DWKS Ideco 7-H

Drill Pipe String: No. ___ Size ___

Tool Joint: O.D. ___ Type Thd. ___

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm600	16
2.	National	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13 3/4		54.5 K55	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	4		
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Tst			
Other	7 1/2	8	8
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	9	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.

No. of Lines ___ Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud: 4

Cumulative Rotating Hrs.: 295

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C.		Mfg		Visc.-Sec.	
	I.D. O.D.	Ft.	Type		W.L.-C.C.	
	D.C.		Nozzle No.		FL TR. CK.	
	I.D. O.D.	Ft.	Nozzle Size		PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.	
Pipe on Racks		Jts.	Trucker			
Total Pipe on Lease		Jts.	Trucker			
			Trucker		Driller: David Chatters	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
412													

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	4						Rig Service
12:15	8:00	7 3/4						Heading up.
								Fuel 4'3"

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C.		Mfg		Visc.-Sec.	
	I.D. O.D.	Ft.	Type		W.L.-C.C.	
	D.C.		Nozzle No.		FL TR. CK.	
	I.D. O.D.	Ft.	Nozzle Size		PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.	
Pipe on Racks		Jts.	Trucker			
Total Pipe on Lease		Jts.	Trucker			
			Trucker		Driller: Jack Wenger	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
412													

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	4:00	8						Heading up B.O.P & Flare Line

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
	Stands D.P.	Ft.	Bit No.		Time	
	Singles D.P.	Ft.	Size		Weight	
	D.C.		Mfg.		Visc.-Sec.	
	I.D. O.D.	Ft.	Type		W.L.-C.C.	
	D.C.		Nozzle No.		FL TR. CK.	
	I.D. O.D.	Ft.	Nozzle Size		PH	
	Stb. Body O.D.	Ft.	Ser. No.		SD. Cont. %	
	Stb. Body O.D.	Ft.	Depth Out		Pressure Gradient	
	Rmr. Body O.D.	Ft.	Depth In			
	Subs O.D.	Ft.	Total Ftg.		Mud & Chemicals Added	
	Bit or C.B.	Ft.	Total Hr. Run		Type / Amt. / Type / Amt.	
	Kelly Down	Ft.	Cond. of Bit			
	Total	Ft.	Reamer No.			
Wt. of String		Lbs.	Reamer Type			
Pipe in Hole		Jts.	Water Charges	Reg. Hrs.	O.T. Hrs.	
Pipe on Racks		Jts.	Trucker			
Total Pipe on Lease		Jts.	Trucker			
			Trucker		Driller: Jack	

FOOTAGE From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
412													

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	12:00	8						Heading up

PAYROLL DATA 2465

DATE Feb 10

WELL NAME & No. Aquit Silvan Plateau G-51

COMPANY Aquitaine

TOOL PUSHER Leslie Swaggy RIG No. 2

MORNING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	
Drkman		Wayne Sikora	
Mtrman		Al Medke	
Flrman		Martin Boudreau	
Flrman		Steve Radmanovich	
Flrman			
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		DON TYSOWSKI	12
Flrman		BRUCE REWITT	12
Flrman		MIKE TIAHLO	12
Flrman		MIKE CHENARD	12
Fireman		PETE CHENARD	12
		ODDE FUGHTEY	12

No. OF DAYS 72 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman			
Flrman			
Flrman			
Fireman			
	TRUCKS	MURRAY BURGESS	12
		CLYDE WARD	12
	GRADER	NORM BELCOURT	12
		DOUGLAS NICHOLS	12
		MARVIN BATCHELOR	12

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

AFETY ▲ FILM +●

2464

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquit Silvan Plateau G-51 | Date: Feb 9 1974

Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M.

Weather Condition: -2° | Road Conditions: rough | Nearest Town: Norman Wells | Water • Source: lake | Miles Hauled: 2 | Pumped ___ | Camp Distance from Rig ___ | Reason for Extra L. Plant ___

OPERATOR: Aquitaine

Rig No. 2 | DWKS Ideco 7-11

Drill Pipe String: No. 5 | Size 4½

Tool Joint: Size 5 7/16 O.D. | Type Thd FH

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Meaon

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Sweezey

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm 600	16
2.	National	C 150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks
13-3/8	STLC	54.5 K55	13			412	

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig	½		
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing	5½		
Waiting on Cement		8	2
Drill Stem Test			
Other	2		6
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No. | No. of Lines ___ Size ___ | Feet Slipped | Feet Cut Off | Present Length | Ton Mi. or Trips Since Last Cut | Cumulative Ton Mi. or Trips

No. of Days From Spud: 4

Cumulative Rotating Hrs.: 29½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" 22# I.D. O.D.	60.18	Ft.
10	D.C. 6" 22# I.D. O.D.	313.06	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.14	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.42	Ft.
	Total	412	Ft.
	Wt. of String	54,000	Lbs.
	Pipe in Hole		Jts.
	Pipe on Racks		Jts.
	Total Pipe on Lease		Jts.

BIT RECORD: Bit No. | Size | Mfg. | Type | Nozzle No. | Size | Ser. No. | Depth Out | Depth In | Total Ftg. | Total Hr. Run | Cond. of Bit | Reamer No. | Reamer Type

Water Charges: Reg. Hrs. ___ O.T. Hrs. ___ | Trucker ___ | Trucker ___ | Trucker ___

MUD RECORD: Time | Weight | Visc.-Sec. | W.L.-C.C. | FL TR. CK. | PH | SD. Cont. % | Pressure Gradient

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: Harold Mathers

DAY TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
	Wt. of String		Lbs.
	Pipe in Hole		Jts.
	Pipe on Racks		Jts.
	Total Pipe on Lease		Jts.

BIT RECORD: Bit No. | Size | Mfg. | Type | Nozzle No. | Size | Ser. No. | Depth Out | Depth In | Total Ftg. | Total Hr. Run | Cond. of Bit | Reamer No. | Reamer Type

Water Charges: Reg. Hrs. ___ O.T. Hrs. ___ | Trucker ___ | Trucker ___ | Trucker ___

MUD RECORD: Time | Weight | Visc.-Sec. | W.L.-C.C. | FL TR. CK. | PH | SD. Cont. % | Pressure Gradient

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: Jack Wenger

EVENING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D. O.D.		Ft.
	D.C. I.D. O.D.		Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
	Subs O.D.		Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.
	Wt. of String		Lbs.
	Pipe in Hole		Jts.
	Pipe on Racks		Jts.
	Total Pipe on Lease		Jts.

BIT RECORD: Bit No. | Size | Mfg. | Type | Nozzle No. | Size | Ser. No. | Depth Out | Depth In | Total Ftg. | Total Hr. Run | Cond. of Bit | Reamer No. | Reamer Type

Water Charges: Reg. Hrs. ___ O.T. Hrs. ___ | Trucker ___ | Trucker ___ | Trucker ___

MUD RECORD: Time | Weight | Visc.-Sec. | W.L.-C.C. | FL TR. CK. | PH | SD. Cont. % | Pressure Gradient

Mud & Chemicals Added: Type | Amt. | Type | Amt.

Driller: J.W.

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	412												

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	3:30	3¼						Run surface casing
3:30	4:00	½						Circulate casing & rig up cementer
4:00	6:00	2						Cementing surface casing
6:00	8:00	2						Tear out cementer & clean cellar
								Ran 4 Centralizers 13 Jts 13 3/8 54.5 K55 Csg Landed @ 412' K.B. Cemented w/ 460 sacks Dowell Cement Plug Down @ 6:00 AM Feb 9/74 Good Returns

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
412													

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	6:00	8						W.O.C. Clean Tanks Blow out all Lines

FOOTAGE / FORMATION

From	To	Ftge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
412													

Deviation Record: Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:00	2						W.O.C.
6:00	11:00	5						Cut off Casing & Weld on Bowl
11:00	12:00	1						Heading up B.O.P.

PAYROLL DATA

2464

DATE Feb 9 1974

WELL NAME & No. Aquit Silvan Plateau G-51

COMPANY Aquitaine

TOOL PUSHER Leslie Sweezey RIG No. 2

MORNING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	8
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Flrman		Martin Boudreau	16
Flrman		Steve Radmanovich	12
Flrman			
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		JACK WENGER	12
Drkman		JOE TYSOWSKI	12
Mtrman		DON TYSOWSKI	12
Flrman		MIKE TIBILLO	12
Flrman		MIKE CHENARD	12
Flrman		PETE CHENARD	12
FLOOR Fireman		DAVE FUSHTEY	12

JACK WENGER - 12 HRS - FEB 8/1974

No. OF DAYS 71 SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Flrman		BRUCE REDITT	12
Flrman			
Flrman			
Fireman	[illegible]	MURRY BRASTEAD. CLIFF WARD.	
	[illegible]	HORN BELCOURT	12
		DOUGLAS NICHOLS ½	
		MARVIN RITCHELAS ½	

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

2463

GUTHRIE McLAREN Drilling Co.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquitaine Sivan Plateau G-51

Location — Lsd. Sec. Twp. Rge. W. M.

Date: Feb 8 1974

Weather Condition: -25° | Road Conditions: rough | Nearest Town: Norman Wells | Water - Source: lake, Miles Hauled: 2, Pumped | Camp Distance from Rig, Reason for Extra L. Plant

OPERATOR: Aquitaine

Rig No. 2 | DWKB | Date 7-11

Drill Pipe String: No. | Size

Tool Joint: Type Thd. | O.D

SIGNATURE OF OPERATOR'S REPRESENTATIVE: A C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Lee Sweezy

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm600	16
2.	National	C150	12
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB to CSG. HD.	Set at	Remarks

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming	6½	4	
Conditioning Mud & Circulating		4¼	2½
Trips		3½	1½
Lubricate Rig	¼	¼	
Deviation Survey	1½		
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			2
Waiting on Cement			
Drill Stem Test			
Other	¾		2
Fishing			

COMPLETION WORK: A. Perforating; B. Tubing Trips; C. Swabbing; D. Testing; E. Additional

Totals: 8 8 8

TIME SUMMARY (Office Use Only)

Day Work

Hrs. W/DP

Hrs. WO/DP

Hrs. Standby

Total Day Work

WIRE LINE RECORD

Reel No.

No. of Lines — Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud: 3

Cumulative Rotating Hrs.: 49½

MORNING TOUR

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
8	D.C. 9" I.D. 2¾ O.D.	60.18	Ft.
9	D.C. 6½ I.D. 2¾ O.D.	282.78	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Drawn	23.86	Ft.
	Total	377	Ft.

Wt. of String: 48,000 Lbs.

Pipe in Hole: Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: Jts.

BIT RECORD	
Bit No.	RR2A
Size	17½
Mfg.	Reed
Type	Y13-5
Nozzle No.	3
Nozzle Size	18
Ser. No.	702339
Depth Out	
Depth In	263 A
Total Ftg.	55
Total Hr. Run	6½
Cond. of Bit	1N.
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD			
Time	12:00	4:00	7:00
Weight	9.4	9.4	9.4
Visc.-Sec.	68	60	80
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt	Type	Amt.
Gel	440 #/bls		
caustic	50 lb.		

Driller: David Chalton

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
294	377	83	R			180	8	600	7¼	50			S

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	294	1°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	12:45	½						Connection & survey
12:45	5:30	4¾						Reaming to 12¼ hole
5:30	6:15	¾						working tight hole at 354'
6:15	8:00	1¾						Reaming to 17½ hole

Fuel 3'

EVENING TOUR

NO	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 9" I.D. 2¾ O.D.	60.18	Ft.
10	D.C. 6½ I.D. 2¾ O.D.	313.06	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.42	Ft.
	Total	412	Ft.

Wt. of String: 54,000 Lbs.

Pipe in Hole: Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: Jts.

BIT RECORD	
Bit No.	RR2A
Size	17½
Mfg.	Reed
Type	Y13-5
Nozzle No.	3
Nozzle Size	18
Ser. No.	702339
Depth Out	
Depth In	377
Total Ftg.	
Total Hr. Run	
Cond. of Bit	jN
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD			
Time		12:00	4:00
Weight		9.4	
Visc.-Sec.		95	
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller: Wayne Brown

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
377	412	35											

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
Sec	8:15	¼						RIG SERVICE
8:15	8:45	½						REAM RAT HOLE
8:45	10:30	1¾						WORK ON DRILL Hole (Hole Sticking)
10:30	11:15	¾						LAY DOWN 2 STANDS PICK UP STAND DRILL COLLARS
11:15	2:45	3½						REAM RAT HOLE
2:45	4:00	1¼						Condition hole to run surface casing

NO.	DRILLING ASSEMBLY AT END OF TOUR		
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 9" I.D. 2¾ O.D.	60.18	Ft.
10	D.C. 6½ I.D. 2¾ O.D.	313.06	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.42	Ft.
	Total	412	Ft.

Wt. of String: 54,000 Lbs.

Pipe in Hole: Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: Jts.

BIT RECORD	
Bit No.	RR2A
Size	17½
Mfg.	Reed
Type	Y13-5
Nozzle No.	3
Nozzle Size	18
Ser. No.	702339
Depth Out	412
Depth In	263
Total Ftg.	149
Total Hr. Run	10½
Cond. of Bit	2-2-1
Reamer No.	
Reamer Type	

Water Charges: Reg. Hrs. O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD			
Time			
Weight			
Visc.-Sec.			
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.

Driller

FOOTAGE From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
	412												

Deviation Record	Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
	412	2°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	5:00	1						Rig Service Condition hole to run
5:00	6:30	1½						circulate to condition hole (Surface casing)
6:30	8:00	1½						Trip out
8:00	10:00	2						Rig up to run casing
10:00	12:00	2						Running surface casing

PAYROLL DATA

2463

DATE: Feb 8, 1974

WELL NAME & No.: Aquit Sivan Plateau G-51

COMPANY: Aquitaine

TOOL PUSHER: Lee Sweezy RIG No. 2

MORNING TOUR 12:00 P.M. 8:00 A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chalters	12
Driller (Travel Time Excluded)		Bill Tenhove	16
Mtrman		Al Medke	12
Firman		Martin Boudreau	12
Firman		Steve Radmanovich	12
Mtrman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ____ A.M. ____ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		W. Sikora	12
Driller (Travel Time Excluded)		Tony Rekke	12
Mtrman		M. Chenard	12
Firman		M. Tjahle	16
Firman		B Revitt	16
Firman		Peter Chenard	12
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ____ P.M. ____ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman			
Mtrman			
Firman			
Firman			
Firman			
Fireman			
		ERIC BAUER	

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2462

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name: Aquit Silver Plateau G-51 | Location — Lsd. Sec. Twp. Rge. W. M. | Date: Feb 7 1974

OPERATOR: Aquitaine

Rig No. 2 DWKB | Drill Pipe String No. Size | Tool Joint O.D. Type Thd.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Leslie Lunergan

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mm 650	16
2.	National	C 150	12
3.			

Weather Condition −15° | Road Conditions rough | Nearest Town Norman Wells | Water - Source Kalse | Miles Hauled 2 | Pumped | Camp Distance from Rig | Reason for Extra L. Plant

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

PAYROLL DATA — 2462

DATE Feb 7, 1974

WELL NAME & No. Aquit Silvan Plateau G-51

COMPANY Aquitaine

TOOL PUSHER Leslie Lunergan RIG No. 2

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	5 1/4	13 1/4	2 1/2
Reaming			2 1/2
Conditioning Mud & Circulating			
Trips			3
Lubricate Rig	1/4	1/4	
Deviation Survey	1/2	1/2	
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Ware Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other	2	1/2	
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8	8	8

TIME SUMMARY (Office Use Only)

Day Work			
Hrs. W/DP			
Hrs. WO/DP			
Hrs. Standby			
Total Day Work:			

WIRE LINE RECORD

Reel No.

No. of Lines | Size

Feet Slipped

Feet Cut Off

Present Length

Ton Mi. or Trips Since Last Cut

Cumulative Ton Mi. or Trips

No. of Days From Spud: 2

Cumulative Rotating Hrs.: 39

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. 2 7/8 O.D.	60.18	Ft.
7	D.C. 6 1/2 I.D. 2 2/8 O.D.	241.80	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.84	Ft.
	Total	323	Ft.

Wt. of String: 48,000 Lbs

Pipe in Hole: Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	3A		
Size	12 1/4		
Mfg.	H.W.		
Type	X1G		
Nozzle No.	open		
Nozzle Size			
Ser. No.	58797		
Depth Out			
Depth In	263		
Total Ftg.	60		
Total Hr. Run	5 1/4		
Cond. of Bit	1N		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. | O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	12:00	4:00	7:00
Weight	9.4	9.4	9.4
Visc.-Sec.	55	58	56
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	220	#/lbs.	
Caustic	50	#	

Driller: Dave Chalker

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.
263	323	60	D	

FORMATION (SHOW CORE RECOVERY)

Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
75	8	200	7 1/4	50			S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
323	1°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	1/4						Rig Service
12:15	2:45	2 1/2						Drilling 12 1/4" hole pilot
2:45	3:15	1/2						connection & survey
3:15	3:45	1/2						circulate down bushings through fill
3:45	6:30	2 3/4						Drilling 12 1/4" pilot hole
6:30	8:00	1 1/2						work pipe & circulate (Hole sluffing)
								survey & connection

Kelly 2 Feet Low

MORNING TOUR — P.M. — A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chalkers	10
Drkman		Wayne Sikora	12
Mtrman		Al Medke	12
Flrman		Martin Boudreau	12
Flrman		Steve Radmanovich	12
Flrman			
Fireman			

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. 2 7/8 O.D.	60.18	Ft.
10	D.C. 6 1/2 I.D. 2 7/8 O.D.	301.06	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.42	Ft.
	Total	393	Ft.

Wt. of String: 58,000 Lbs.

Pipe in Hole: Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	3A		
Size	12 1/4		
Mfg.	H.W.		
Type	X1G		
Nozzle No.	open		
Nozzle Size			
Ser. No.	58797		
Depth Out			
Depth In	263		
Total Ftg.	130		
Total Hr. Run	12		
Cond. of Bit	1N		
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. | O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	10:00	1:00	3:00
Weight	9.4	9.4	9.4
Visc.-Sec.	82	80	65
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1200	lbs	
Caustic	50	lbs	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.
323	393	70	D	

FORMATION (SHOW CORE RECOVERY)

Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
160	4	200	7 1/4	50			S
600							

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
393	1 1/4							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						Rig Service
8:15	11:30	3 1/4						Drilling 12 1/4" pilot hole
11:30	11:30	1/2						connection & Survey
11:30	1:55	2 1/2						~~connection & survey~~ Drilling 12 1/4 pilot hole
1:55	2:25	1/2						connection
2:25	4:00	1 1/2						Drilling 12 1/4 pilot hole (384)

DAY TOUR — P.M. — A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Wayne Sikora	8
Drkman		Tony Kalke	12
Mtrman		Eric Bauer	12
Flrman		Bruce Revitt	12
Flrman		M. Tiahlo	12
Flrman			
Fireman			
		Murry Bustead	
Tourk.		Cliff Ward	
		Gordon Pepper	

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" I.D. 2 7/8 O.D.	60.18	Ft.
6	D.C. 6 1/2 I.D. 2 2/8 O.D.	192.37	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	31.27	Ft.
	Total	294	Ft.

Wt. of String: 44,000 Lbs.

Pipe in Hole: Jts.

Pipe on Racks: Jts.

Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	3A	4A	
Size	12 1/2	17 1/2	
Mfg.	H.W.	Reed	
Type	X1G	Y12-J	
Nozzle No.	open	3	
Nozzle Size		18	
Ser. No.	58797	723[illegible]	
Depth Out	2:12		
Depth In	393	263	
Total Ftg.	1141	31	
Total Hr. Run	14 1/2	2 1/2	
Cond. of Bit	4-2-1	1N	
Reamer No.			
Reamer Type			

Water Charges — Reg. Hrs. | O.T. Hrs.

Trucker

Trucker

Trucker

MUD RECORD

Time	4:00	7:00	11:00
Weight	9.4		9.4
Visc.-Sec.	75		65
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	500	#/lbs.	

Driller

FOOTAGE

From	To	Ftge.	DR-D RM-R Core-C	Core No.
393	410	17	D	
263	294	31	R	

FORMATION (SHOW CORE RECOVERY)

Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'el-P Com'd-C
200	6	200	7 1/4	50			S

Deviation Record

Depth	Dev.	Direction	Depth	Dev.	Direction	Depth	Dev.	Direction
410	2°							

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	6:30	2 1/2						Drilling 12 1/4 pilot hole
6:30	9:30	3						Pull out & pick up 17 1/2" bit & survey
9:30	12:00	2 1/2						Reaming to 17 1/2" hole

EVENING TOUR — P.M. — A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman		Bill Tenhove	12
Mtrman		Mike Chenard	12
Flrman		[illegible]	
Flrman		Dave Bulley	12
Flrman		Pete Chenard	12
Fireman			
Cats		Bill Kennedy	
		Wendel Mann	
Base Camp		Dan Mc Nichols	12
		Marvin Batchelor	12

No. OF DAYS ____ SINCE LAST LOST TIME ACCIDENT

2461

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease / Well Name: Aquit S. Ivan Plateau G-51 | Date: Feb 6 1974

Location — Lsd. ... Sec. ... Twp. ... Rge. ... W. ... M.

Weather Condition: -10 | Road Conditions: rough | Nearest Town: Norman Wells | Water - Source: Lake, Miles Hauled: 2, Pumped: | Camp Distance from Rig: | Reason for Extra L. Plant:

OPERATOR: Aquitaine

Rig No. 2 | DWKS Ideco 7-11 | Drill Pipe String: No. / Size | Tool Joint: Type Thd. / O.D.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: D.G. Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: Lochi Lemay

PUMP

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Ideco	mod.	16
2.	National	C-150	12
3.			

LAST CASING / TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

TIME DISTRIBUTION — HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual	6 3/4		5 1/4
Reaming			
Conditioning Mud & Circulating			1/2
Trips			
Lubricate Rig	1/4		1/4
Deviation Survey	1		1/2
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			

COMPLETION WORK

A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals	8		8

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No.	
No. of Lines / Size	
Feet Slipped	
Feet Cut Off	
Present Length	
Ton Mi. or Trips Since Last Cut	
Cumulative Ton Mi. or Trips	
No. of Days From Spud	1
Cumulative Rotating Hrs.	9 1/4

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" 2 7/8 I.D. O.D.	60.18	Ft.
3	D.C. 6 1/4 2 7/8 I.D. O.D.	90.71	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	10.93	Ft.
	Total	172	Ft.

Wt. of String: 38,000 Lbs. | Pipe in Hole: Jts. | Pipe on Racks: Jts. | Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	1	
Size	17 1/2	
Mfg.	Reed	
Type	Y115	
Nozzle No.	3	
Nozzle Size	18	
Ser. No.	702747	
Depth Out		
Depth In	68	
Total Fte.	108	
Total Hr. Run	13 3/4	
Cond. of Bit	1N	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker ... Trucker ... Trucker ...

MUD RECORD

Time	12:00	4:00	7:00
Weight			
Visc.-Sec.	60	58	58
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 lbs		

Driller: Harold Chatto

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
116	170	54	D			140	4	450	7 1/4	48			S

Deviation Record: Depth 142 | Dev. 1/2 | Direction | Depth 172 | Dev. 1/2 | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
10:00	12:15	2 1/4						Rig Service
12:15	4:45	4 1/2						Drilling 17 1/2" hole
4:45	5:15	1/2						in Ke correction + survey
5:15	7:30	2 1/4						Drilling 17 1/2" hole
7:30	8:00	1/2						correction + survey

DAY TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" 2 7/8 I.D. O.D.	60.18	Ft.
4	D.C. 6 1/4 2 7/8 I.D. O.D.	120.50	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	~~10.93~~	Ft.
	Total	~~172.50~~	Ft.

Wt. of String: 40M Lbs. | Pipe in Hole: Jts. | Pipe on Racks: Jts. | Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	1	2
Size	17 1/2	17 1/2
Mfg.	Reed	Reed
Type	Y11J	Y13J
Nozzle No.	1-12	1-16
Nozzle Size	2-18	2-18
Ser. No.	702747	702332
Depth Out	214	
Depth In	68	214
Total Fte.		
Total Hr. Run	17 1/2	
Cond. of Bit	2 2 1	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker ... Trucker ... Trucker ...

MUD RECORD

Time	9:00	12:00	4:00
Weight			
Visc.-Sec.	~~54~~ 58	50	~~54~~ 55
W.L.-C.C.			
FL TR. CK			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
~~Gel~~	~~2000#~~		
~~Caustic~~	~~50#~~		

Driller

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
170	214	44				~~60~~ 50	4	450	7 1/4	48	5 1/2		

Deviation Record: Depth 202 | Dev. 0 | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	1/4						Rig service
8:15	10:15	2						Drill 17 1/2" hole
10:15	10:45	1/2						con + survey
10:45	12:30	1 3/4						drill 17 1/2" hole
12:30	3:15	2 3/4						Hoist for bit no 2
3:15	4:00	3/4						drill 17 1/2" hole

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. 7" 2 7/8 I.D. O.D.	60.18	Ft.
5 6	D.C. 6 1/4 2 7/8 I.D. O.D.	181.57	Ft.
	Stb. Body O.D.		Ft.
	Stb. Body O.D.		Ft.
	Rmr. Body O.D.		Ft.
3	Subs O.D.	10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	11.17	Ft.
	Total	263	Ft.

Wt. of String: 45,000 Lbs. | Pipe in Hole: Jts. | Pipe on Racks: Jts. | Total Pipe on Lease: Jts.

BIT RECORD

Bit No.	2A	3A
Size	17 1/2	12 1/4
Mfg.	Reed	H.W
Type	Y13J	X1G
Nozzle No.	1-16	open
Nozzle Size	2-18	
Ser. No.	702339	~~8797~~
Depth Out	263	
Depth In	214	263
Total Fte.	49	
Total Hr Run	6 1/2	
Cond. of Bit	111	
Reamer No.		
Reamer Type		

Water Charges — Reg. Hrs. O.T. Hrs.
Trucker ... Trucker ... Trucker ...

MUD RECORD

Time	6:00		12:00
Weight			9.4
Visc.-Sec.	58		58
W.L.-C.C.			
FL TR. CK.			
PH			
SD. Cont. %			
Pressure Gradient			

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	2000#		
Caustic	50#		

Driller

FOOTAGE

From	To	Fge.	DR-D RM-R Core-C	Core No.	FORMATION (SHOW CORE RECOVERY)	Rotary RPM	Wt. on Bit 1000 Lbs.	Pump Press	Pump No. 1 Liner Size	Pump No. 1 S.P.M.	Pump No. 2 Liner Size	Pump No. 2 S.P.M.	Method Run SGL-S Par'd-P Com'd-C
214	263	49	D			70	10	600	7 1/2	54	5 1/2		

Deviation Record: Depth 263 | Dev. 1° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
4:00	4:15	1/4						Rig service
4:15	10:00	5 3/4						Drill 17 1/2 hole
10:00	10:30	1/2						Connection + survey
10:30	12:00	1 1/2						Trip out + pick up 12 1/4" bit + run in

Pilot Ahead w/ 12 1/4"
(Rough Drilling)

PAYROLL DATA — 2461

DATE Feb 6, 1974

WELL NAME & No. Aquit S. Ivan Plateau G-51

COMPANY Aquitaine

TOOL PUSHER Lochi Lemay RIG No. 2

MORNING TOUR ... P.M. ... A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chatters	12
Driman		Wayne Sikora	12
Mirman		Al Medke	12
Firman		Martin Boudreau	12
Firman		Steve Radmanovich	12
Firman			
Fireman			

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

DAY TOUR ... A.M. ... P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller			
Drkman		Bill Tenhove	
Mirman		Mike Chenard	
		Dave Eushtey	
Firman		Pete Chenard	
Firman			
Firman			
Fireman			

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ... P.M. ... A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Al Tkachuk	12
Drkman		Tony Rollke	12
Mirman		Eric Bauer	12
Firman		B. Revitt	12
Firman		M. Tiahlo	12
Firman			
Fireman			
		Douglas Nichols	12
		Marvin Batchelor	12

No. OF DAYS ... SINCE LAST LOST TIME ACCIDENT

2460

GUTHRIE McLAREN Drilling Ltd.

DAILY DRILLING REPORT

Form 6

Lease Well Name Aquit Silvan Plateau G-51 | Location — Lsd. ___ Sec. ___ Twp. ___ Rge. ___ W. ___ M. | Date Feb 5 1974 | Weather Condition -10° | Road Conditions rough | Nearest Town Norman Wells | Water - Source Lake, Miles Hauled 2, Pumped ___ | Camp Distance from Rig ___, Reason for Extra L. Plant ___

OPERATOR: Aquitaine

Rig No. 2 DWKS Dews 7-11 | Drill Pipe String No. ___ Size ___ | Tool Joint Type Thd. ___ O.D. ___

PUMPS

No.	MANUFACTURER	TYPE	STROKE LENGTH
1.	Wilson Skytop		
2.			
3.			

LAST CASING TUBING OR LINER

Size	Make	Wt. & Gr.	No Joints	Feet	RKB. to CSG. HD.	Set at	Remarks

SIGNATURE OF OPERATOR'S REPRESENTATIVE: E C Moore

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J H B Leslie Swaggy

TIME DISTRIBUTION—HOURS

	Morn	Day	Eve
Rig Up & Tear Down			
Drilling Actual			
Reaming			
Conditioning Mud & Circulating			
Trips			
Lubricate Rig			
Deviation Survey			
Test B.O.P.			
Cut Off Drilling Line			
Repair Rig			
Coring			
Wire Line Logging			
Running Casing & Cementing			
Waiting on Cement			
Drill Stem Test			
Other			
Fishing			
COMPLETION WORK A. Perforating			
B. Tubing Trips			
C. Swabbing			
D. Testing			
E. Additional			
Totals			

TIME SUMMARY (Office Use Only)

Day Work	
Hrs. W/DP	
Hrs. WO/DP	
Hrs. Standby	
Total Day Work	

WIRE LINE RECORD

Reel No. ___

No. of Lines ___ Size ___

Feet Slipped ___

Feet Cut Off ___

Present Length ___

Ton Mi. or Trips Since Last Cut ___

Cumulative Ton Mi. or Trips ___

No. of Days From Spud ___

Cumulative Rotating Hrs. ___

MORNING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
	D.C. I.D.	O.D.	Ft.
	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String ___ Lbs.

Pipe in Hole ___ Jts.

Pipe on Racks ___ Jts.

Total Pipe on Lease ___ Jts.

BIT RECORD

Bit No.	
Size	
Mfg.	
Type	
Nozzle No.	
Nozzle Size	
Ser. No.	
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	
Weight	
Visc.-Sec.	
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Gel	1000 lbs		

Driller David Chalmers

FOOTAGE

From	To	Ftge.

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12:00	12:15	¼						Rig Service
12:15	12:30	¼						Pick up Kelly set & push in
12:30	1:30	1						Unload Trucks & build cribbing for cellar
1:30	2:30	1						cementing cellar
2:30	8:00	5½						Mix mud & rig up to spud

60' of 20" Buttress Csg set For Conductor Pipe Cemented-w/ 100 sacks Cement

K.B To Grd 14.00' Hauled 4 pallets of Drilltol Sanicut for use under Fuel Tank

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. I.D.	O.D.	Ft.
2	D.C. I.D.	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
3	Subs	O.D.	Ft.
	Bit or C.B.		Ft.
	Kelly Down		Ft.
	Total		Ft.

Wt. of String ___ Lbs.

Pipe in Hole ___ Jts.

Pipe on Racks ___ Jts.

Total Pipe on Lease ___ Jts.

BIT RECORD

Bit No.	1
Size	17½
Mfg.	Reed
Type	115
Nozzle No.	
Nozzle Size	
Ser. No.	702747
Depth Out	
Depth In	
Total Ftg.	
Total Hr. Run	
Cond. of Bit	
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	10:00 4:00 6:30
Weight	
Visc.-Sec.	38 47 51
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
gel	1000#		
Caustic	50#		

Driller E Brackett

FOOTAGE

From	To	Ftge.
101.36		

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

		60		600		45			

Deviation Record | Depth | Dev. | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	8:15	¼						Rig service
8:15	12:00	3¾						Trip to spud
12:00	12:30	½						~~trip to spud in~~
12:30								drill 17½ hole
	1:45	1¼						work on pump
1:45	5:15	3½						drill 17½ hole
5:15	7:45	1½						~~work on pump~~
7:45	8:00	¼						drill 17½ hole

Estimated Ground elevation 2658

K.B. elevation 2672.

EVENING TOUR

DRILLING ASSEMBLY AT END OF TOUR

NO.			
	Stands D.P.		Ft.
	Singles D.P.		Ft.
2	D.C. I.D.	O.D. 60.18	Ft.
2	D.C. I.D.	O.D. 30.50	Ft.
	Stb. Body	O.D.	Ft.
	Stb. Body	O.D.	Ft.
	Rmr. Body	O.D.	Ft.
3	Subs	O.D. 10.18	Ft.
	Bit or C.B.		Ft.
	Kelly Down	41.80	Ft.
	Total	116	Ft.

Wt. of String 30,000 Lbs.

Pipe in Hole ___ Jts.

Pipe on Racks ___ Jts.

Total Pipe on Lease ___ Jts.

BIT RECORD

Bit No.	1
Size	17½
Mfg.	Reed
Type	115
Nozzle No.	3
Nozzle Size	18
Ser. No.	702747
Depth Out	
Depth In	GR
Total Ftg.	56
Total Hr. Run	7
Cond. of Bit	1N
Reamer No.	
Reamer Type	

Water Charges Reg. Hrs. O.T. Hrs.

Trucker ___

Trucker ___

Trucker ___

MUD RECORD

Time	12:30
Weight	
Visc.-Sec.	50
W.L.-C.C.	
FL TR. CK.	
PH	
SD. Cont. %	
Pressure Gradient	

Mud & Chemicals Added

Type	Amt.	Type	Amt.
Caustic	50		

Driller ___

FOOTAGE

From	To	Ftge.
102	116	14

DR-D RM-R Core-C | Core No. | FORMATION (SHOW CORE RECOVERY) | Rotary RPM | Wt. on Bit 1000 Lbs. | Pump Press | Pump No. 1 Liner Size | Pump No. 1 S.P.M. | Pump No. 2 Liner Size | Pump No. 2 S.P.M. | Method Run SGL-S Par'el-P Com'd-C

		80	2	600	7/8	45			

Deviation Record | Depth 112 | Dev. ¾° | Direction | Depth | Dev. | Direction | Depth | Dev. | Direction

Hour Started	Hour Stopped	Elapsed Time	A	B	C	D	Acc. D.T.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
8:00	9:00	1						Drilling 17½" Hole
9:00	9:30	½						Rig Service & Survey
9:30	10:00	½						Drilling 17½" Hole
10:00	10:15	¼						Straighten out belts on main pump
10:15	11:30	1¼						Drilling 17½" hole
11:30	12:00	½						

PAYROLL DATA

2460

DATE Feb 5, 1974

WELL NAME & No. Aquit Silvan Plateau G-51

COMPANY Aquitaine

TOOL PUSHER J H B Leslie Swaggy RIG No. 2

MORNING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		Dave Chalmers	12
Driman		Wayne Sikora	12
Mtrman		Al Medke	12
Flrman		Martin Boudreau	12
Flrman		Steve Radmanovich	12
Flrman			
Fireman			

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

DAY TOUR ___ A.M. ___ P.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller		E. Brackett	12
Driman		T. Rourke	12
Mtrman		E. Bauer	12
Flrman		T. Barby	8
Flrman		B. Revill	12
Flrman		M. Tiahlo	12
Fireman			
		W. Endel Mann	
(Cat)		Bill Hiebert welder	
		T. Barby had bad XO sub Stopped on Feet	

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT

EVENING TOUR ___ P.M. ___ A.M.

CREW	SOC. SEC. No.	NAME	HRS.
Driller	Time Enclosed	Dwayne Sikora	12
Drkman		Bill Thériault	12
Mtrman		Mike Chenard	12
Flrman	Time Included	Rodgier Thunderbird	12
Flrman		Dave Eushtely	12
Flrman		Pete Chenard	12
Fireman			
Floats		Murry Bunstead	
		Gordon Pepper	
		Cliff Ward	
Base Camp		Douglas Nicholas	
		Marvin Batchelor	

No. OF DAYS ___ SINCE LAST LOST TIME ACCIDENT