HOME SIGNAL CSP CELBETA No. 2

Drilling Authority No.
Date Issued

WELL NAME Home Signal CSP Colibeta No. 2
FIELD Area: Colibeta Lake
LOCATION: Unit H Section 78 Grid 60 10 122 00
Latitude 60°07' 29.31" N. Longitude 122°23' 35.25"
From Established Reference Marker

Rig Release Date: 24-3-60
Status Gas Well
Information Release Date 24-3-62

CHANGE OF NAME:

DATE RECEIVED	INDEX
	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well.
	Well History Supplement.
	Well Completion Data.
	Work-over Report No.
	Application to Commingle Production before Measurement.
	Approval to Commingle Production before Measurement.
	Application to Amend Approval No. ..... to Commingle Production before Measurement.
	Application for M.P.R.—Oil.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Field Abandonment Programme and Approval.
	Well Card.
	Well Visit.
	Daily Drilling Reports.

Home Oil Company Limited

SUMMARY OF WELL DATA

Name of Well: HOME SIGNAL C.S.P. CELIBETA NO. 2

Location: 122° 13' 35.25" W.
60° 07' 29.31" N.

Co-Ordinates

Elevations:

Ground: 1592.35

Kelly Bushing: 1603.85

Operator: HOME OIL COMPANY LIMITED

Contractor: Brinkerhoff, Rig 26

Spud in: 4:15 P.M., Dec.26, 1959 Completed Drilling: March 13, 1960 Total Depth: 4115

Rig Released: Midnight, March 26, 1960

Abandonment Date: -

Status: GAS WELL

Producing Horizon(s): Slave Point

On Production: Completed and shut-in

IP 7.25 mmcu.ft./day

Surface Casing: 13-3/8" x 327' x C 300 + 2% $CaCl_2$
9-5/8" x 1040' x C 500 + 2% $CaCl_2$
7" x 3712' x not cemented

Production Casing:

Perforated: 3774 - 3784 March 16, 1960
3750 - 3758 March 21, 1960 - 2 shots/ft.
3738 - 3750 March 21, 1960 - 4 shots/ft.

Acidized and or Sand-Frac:

Logs:

Page 2

Cores:

#1 3838 - 3869 Cut 31' Rec. 31'
#2 3869 - 3900 Cut 31' Rec. 31'
#3 3900 - 3930 Cut 30' Rec. 30'
#4 3930 - 3961 Cut 31' Rec. 31'
#5 3961 - 3992 Cut 31' Rec. 31'
#6 3992 - 4023 Cut 31' Rec. 31'
#7 4023 - 4054 Cut 31' Rec. 31'
#8 4054 - 4085 Cut 31' Rec. 31'
#9 4085 - 4115 Cut 30' Rec. 30'

SUMMARY OF WELL DATA

HOME SIGNAL C.S.P. CELIMETA NO. 2

LOGS: Schlumberger

Run No. 1	Microlaterolog Caliper	1040 - 327	1"-20' 1"- 4'	January 3, 1960
	Electrical Log	1042 - 327	1"-20' 1"-50'	January 3, 1960
Run No. 2	Laterolog	3673 - 1042	1"-20'	February 10, 1960
	Microlaterolog	3676 - 1041	1"-20'	February 10, 1960
	Electrical Log	3676 - 1042	1"-50'	February 10, 1960
		3676 - 1042	1"-20'	
Run No. 3	Electrical Log	4114 - 3794	1"-20' 1"-50'	March 13, 1960
	Gamma Ray-Neutron	4114 - 170	1"-50' 1"-20'	March 14, 1960

SUMMARY OF WELL DATA

HOME SIGNAL C.S.P. CELIBETA NO. 2

Markers	Samples	G.R.-Neutron	Sub-Sea	Thickness
Mississippian	470	480 (E-Log)	/1124	140
Exshaw	620	620 (E-Log)	/ 984	23
Devonian	680	643	/ 961	757
First Dense Limestone	1490	1502	/ 102	846
Island River Member	2360	2348	- 744	317
Shale Unit	2640	2665	-1061	1073
Spence River Shale	absent	-	-	-
Slave Point	3738	3738	-2134	242
Watt Mountain Formation	4021/	3980?•	-2376	41
Elk Point	4023	4021	-2417	94 to T.D.
Total Depth	4115	4115	-2511	

• First of 3 shale breaks
/ Last of 3 shale breaks

HOME SIGNAL C.S.P. CELIBETA NO. 2

Summary of Drill Stem Tests

D.S.T. No. 1

2523 - 2596 (Island River Member)
Valve open- 60 minutes, Initial shut-in- 30 minutes
Final shut-in 30 minutes, 3/4" choke
Fair initial puff, followed by a fair air blow continuing steady for 30 minutes; thereafter decreasing slightly. Rec. 300' slightly gas cut drilling mud and 100' of muddy salt water.
H.P. Initial 1300 Final 1300
F.P. Initial 75 Final 205
S.I.P. Initial 680 Final 680

D.S.T. No. 2

3765 - 3784 (Slave Point)
Valve open- 60 minutes, Final shut-in- 15 minutes
Rec. 3780' drilling mud. Misrun due to tool opening going into hole.

D.S.T. No. 3

3765 - 3784 (Slave Point)
Valve open- 60 minutes, Final shut-in- 15 minutes
Weak initial puff- dead in 14 minutes
Rec. 20' drilling mud. Misrun. Only one recorder run due to hole size. Vibrations caused the stylus to become disengaged resulting in no recordings on chart.

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CHARACTER LOG

CORE #1 3839'-3859' (Recovered 21'):

3839 - 3841' Limestone, dark brown, fine-grained; Amphipora or rod stromatoporoids abundant; corals abundant; algae encrusting corals; sharp contact

3841 - 3847' Limestone, dark brownish-grey, very fine-grained, scattered Amphipora stromatoporoid corals; a few small brachiopods; 2 inch band rich in Amphipora at base; sharp contact

3847 - 3848½' Limestone, dark brown, fine-grained, slightly coarser than above and with more black argillaceous partings, lying flat to 40°; some stylolites

3848½ - 3853' Limestone, dark brown, fine-grained with abundant Amphipora corals, some encrusted by algae; stromatoporoids; scattered small brachiopods; stylolitic partings; rhythmic alternation of dense barren limestone and fossil limestone; 1-2" irregular bands rich in Amphipora below stylolites

omit: (3853 - 3864' stromatoporoid Amphipora limestone; scattered)

3853 - 3857' Amphipora rich limestone; mostly small; grades to:

3857 - 3866' Stromatoporoid Amphipora limestone; scattered corals, some encrusted by algae

3866 - 3869' Limestone, dark brown, fine-grained, scattered stromatoporoids, corals, or chlorods; corals, algae-encrusted

CORE #2 3869 - 3900' (Recovered 31'):

3869 - 33872' Limestone, as above, with scattered stromatoporoids, brachippods, grades to

3872 - 3876' Limestone, with abundant stromatoporoids, algae-encrusted corals; small Amphipora, a few brachiopods, 2" layers enclosed by stylolites, rich in small stromatoporoids at base; scattered pyrite

3876 - 3878' Limestone, dark brown, fine-grained, scattered pyrite; grades to

3878 - 3883' Amphipora-stromatoporoidal limestone, dark brown, fine matrix; fractures filled with calcite

3883 - 3890' Limestone, consisting of coarsely crystalline calcite; mosaic texture crystals outlined by black material; inclusions of coarse crystalline calcite; pin point porosity especially near coarse calcite inclusions; pyrite abundant; black shale layers, rich in pyrite; 2" at base shows Amphipora replaced by coarse crystalline calcite

3890 - 3898' Limestone, dark brown, fine-grained, argillaceous; scattered small Amphipora; a few bands of corals; black shale partings at intervals up to a foot; stylolites at base

Cuttings No. 2

3899 - 3900' Stromatoporoidal-coral-Amphipora limestone; fine-grained, dark brown matrix

Core #3 3900 - 3930' (Recovered 30'):

3900 - 3905' Limestone, dark brown, very fine-grained, argillaceous; abundant small Amphipora in bands; thin black shale layers; from 3903-3904', Amphipora are in white coarse crystalline limestone matrix (replacement of original matrix); sharp change with black shale laminae, dip

3905 - 3910' Limestone, dark brown, fine-grained (calcilutite); calcite eyes; scattered pyrite; a few brachiopods (Stenuella?); a few black shale layers at 3909½' sharp change to

3910 - 3916' Amphipora limestone, some corals and stromatoporoids, a few brachiopods - poorly preserved; few thin bands of relatively barren limestone

3916 - 3930' Limestone, dark brown, very fine-grained, scattered brachiopods - irregular black shale laminae - a few layers rich in Amphipora and stromatoporoids, scattered pyrite, - a few fractures of calcite

3930 - 3961' Core #4 (Recovered 31'):

3930 - 3938' Limestone, buff, very fine-grained, slight-banding and interbedding, in laminae with dark brown very fine-grained argillaceous limestone; scattered Amphipora and small stromatoporoidal fragments, vertical to oblique fractures filled with calcite

3938 - 3938½' Limestone, brown, fine-grained as above, vertical segment of core replaced by white coarsely crystalline calcite - 2" layers of Amphipora, unreplaced

3938½ - 3944' Limestone, light grey coarse crystalline mosaic texture with black material between grains; some layers of unreplaced limestone; a few corals - partly replaced by calcite; much of core completely replaced by coarse white crystalline calcite crystals ½" or more in size

3944 - 3947' Limestone, dark brown, fine-grained, scattered algae or stromatoporoids-Amphipora; a few black shaly laminae; veins of coarse white calcite

3947 - 3949' Limestone, light grey, coarse crystalline with vague structures of white calcite suggestive of stromatoporoids or Amphipora; at base is vertical contact of coarse grey limestone and fine normal limestone; the two separated by a vein of white crystalline calcite which continues vertically downward thru core below

3949 - 3959' Limestone, brown, very fine-grained, fine mottling of calcite and pyrite; scattered stromatoporoids or algal balls; partly replaced by clear crystalline calcite; scattered black shale partings in thin zones up to ½"

3959 - 3961' Limestone, rich in Amphipora and algal balls, -stromatoporoids?

Calibete No. 2:

Cr. 1, 2 3961 - 3992' (Recovered 31'):

3961 - 3964' limestone, dark brown, fine-grained, with black shale partings; calcite veins, mostly under ¼" wide

3961 - 3965½' limestone, largely replaced by coarse crystalline white calcite, ½ to whole width of core; contact vertical

3965½ - 3967' limestone, coarse grey, crystalline, with black material between crystals, shadows of amphipora, irregular contact of coarse limestone and fine limestone

3967 - 3968' amphipora - algal or stromatoporoid/ball limestone

N

3968 - 3973½' limestone, light brown, very fine grained, scattered pyrite, calcite eyes, scattered laminae of black shale; sharp change to

3973½ - 3974' limestone, rich in amphipora, algae or stromatoporoids, scattered pyrite

3974 - 3978' limestone, light brown, fine-grained as above, calcite eyes - pyrite - black shale laminae, mostly wavy and irregular; stylolitic, grades to

3978 - 3982' amphipora limestone, mostly small, closely packed, grades to limestone, light brown, fine-grained, scattered pyrite - irregular black shale laminae; concentration of pyrite and amphipora - black shale partings at base - Sharp break
with fine + Rarely eyes

O

3982 - 3982'3" shale, green, wavy - pyritic - non calcareous

3982'3"-3982'9" limestone, buff, fine-grained, with irregular black shale matrix; possible stromatoporoids; sharp break

3982'9"-3984' amphipora limestone, mostly small forms

3984 - 3987' Limestone, light brown, very fine-grained (aphanitic), wavy shale partings in layers up to ½" thick, dense limestone between

3987 - 3988½' Amphipora limestone; black shale, ½" layers at base

3988½ - 3992' limestone, brown, fine-grained; irregular black shale laminae and a few algal balls in bottom few inches

3992 - 4-23 CORE #6 (Recovered 31'):

3992 - 3998½' limestone, buff to light yellow-brown, very fine-grained (aphinitic - in part vague structure cemented ? calcite); with layers of mottled ~~brown~~ grey and buff: black (dark)
limestone, probably due to argillaceous nature; irregular shaly laminae, almost stylolitic; sharp break

3998'3" - 99'7" Shale and limestone, grey, very fine-grained limestone, wavy greyish green, highly pyritic; sharp break, top and bottom

3999'7" - 4000'9" limestone, and shale, mottled; limestone buff, fine-grained - may contain abundant amphipora, irregular black shale laminae, more abundant toward base with scattered pyrite

4000'9" - 4002 Limestone, mottled with dark grey shale with abundant algal (saphipora) or stromatoporoidal balls; limestone generally brown with black shale; at contact blacks shale goes down into limestone; grey shale breccia below

4002 - 4002½' Limestone, and green waxy shale interbed breccia; abundant pyrite; grades to

4002½ - 4004½' Limestone, black aphanitic, mottled with sparry calcite; inclusions of light green waxy non-calcitic shale

4004½ - 4006 Limestone, buff, very fine-grained (aphanitic), scattered pyrite; calcite mottling (sharp change)

4006 - 4006'9" Limestone as above with layer of saphipora; mottling of beds, dendritic; dark grey, argillaceous limestone

4006'9" - 4008½' Limestone as above, mottled with dark grey argillaceous limestone; irregular contacts between the two almost dendritic, abundant saphipora; stromatoporoids

4008½' - 4015' Interbedded limestone, buff, very fine-grained (aphanitic), mostly barren; dark grey mottled light and dark limestone, light fragments of which seem to be mostly fossil fragments, e.g., saphipora fragments and minute debris; sharp break at base - darker toward base (bottom 2 feet) gives general effect of having been battered by wave action

4015 - 4018' Limestone, brown, fine-grained, upper foot highly pyritic and with some mottling of black shale suggestive of minor brecciation; black shale layers up to ½" thick sharp break to

4018 - 4018'3" Limestone, light greyish brown, brecciated with green waxy shale - abundant pyrite

4018'3" - 4020' Limestone, light brownish grey, aphanitic with mottled shaly effect; some clear calcite mottling; sharp break with ½" black shale at base; concentration of pyrite at contact of sandstone

4020 - 4021' Sandstone, greenish grey, argillaceous, highly pyritic, slightly calcareous; seems to be continuous with:

4021 - 4022' Shale, greenish grey, highly pyritic, non-calcareous; in sharp contact, outlined by pyrite, with beds below contact irregular - at 40°

4022' - 4023' Limestone, buff, fine-grained

4023 - 4054' CORE #2 (Recovered 31'):

4023 - 4030' Limestone, breccia - fragments of limestone, buff, fine grained, stromatoporoids, corals, most algal-encrusted; crinoids; some grey limestone; in fine to medium grained darker grey matrix - fragments sub-angular to angular; most fragments range from ½ to 2" longest diameter.

Caldwell #1

4030 - 4037' Limestone, light brown, very fine-grained, nodular mottled in dark brown argillaceous limestone - barren with amphipora - mostly fragmented

4037 - 4038' Amphipora limestone with stromatoporoids or algae, and cellular debris - possibly amphipora

4038' - 4040 Limestone, brown, banded - dark brown argillaceous, barren - sharp contact

4040 - 4041' Limestone, brown, fine-grained, amphipora corals - some amphipora fragments

4041 - 4043' Limestone, banded, light and dark brown, argillaceous - sharp break

4043 - 4043'6" Limestone with abundant fragments of amphipora and stromatoporoids - some angular - grades down to

4043' - 4050' Limestone, brown banded and mottled darker grey argillaceous, probable cross-bedding

4050' - 4050'9" Amphipora limestone

4050'9" - 4052 Limestone, brown, fine grained, barren

4052 - 4053' Limestone, with abundant amphipora, partly broken (large)

4053' - 4054' Limestone, brown, argillitic

4054 - 4082 Cont'd (Recovered 33'):

4054 - 4057 Limestone, brown, aphanitic; scattered irregular fragments of stromatoporoids, amphipora

4057 - 4071 Limestone, breccia; fragments, limestone; Amphipora, stromatoporoids, fragments mostly under 2" in largest dimension; matrix lesser in amount, mostly fine-grained, dark grey limestone with small fragments up to 2 mm. in diameter

Sharp contact - angular dip of contact - 30°

4071 - 4073 Limestone, dark brown, fine-grained, barren - calcite veins

4073 - 4074' Limestone, as above, with abundant stromatoporoids, Amphipora, brachiopods

Sharp contact with dark grey shale

4074 - 4078' Limestone, dark brown, grey, fine-grained, becoming lighter downward; sharp contact

4078 - 4078'3" Breccia; sharp contact at base with abundant pyrite; dip of contact - 20°

4078'3" - 4082' Limestone, banded brown and dark grey, argillaceous - beds dipping at 40°, steeping to 80° in bottom foot

4082 - 4084' Limestone as above, with calcite veins and breccia - strata contorted in part

4084 - 4085' Limestone, dark greyish brown - affinite with calcite eyes

Core No 4 (4085' - 4132' (Recovery 46')

4085' - 4090' Limestone, dark brownish-grey, micro-banded, brecciated with darker grey recrystallised limestone; dip 45°; minor stromatoporoidal fragments

4090 - 4094' Limestone, grey, fine-grained with abundant amphipora, brachiopod fragments and stromatoporoidal crinoidal material, partly as granular fragments

4094 - 4107' Limestone breccia - limestone fragments of various types - some stromatoporoidal and algal - some fossiliferous - some coral - amphipora - crinoid fragments; fragments of amphipora limestone fragments of light and dark brown fine-grained limestone; some micro-banded dark recrystallised limestone breccia similar to 4085' - 4090' above but carries fewer fossil fragments; fragments are mostly under 2" in longest dimension

Core No 5

4107 - 4125' Limestone, light and dark brown banded - similar to above breccia - dip about 10°
Stromatoporoidal limestone layer at 4114 - 4115'.

T.D.

FORM "B"

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION BRANCH

RESOURCES DIVISION

For the period from December 26, 1959

to March 26, 1960.

REPORT of ~~COMPLETION~~ ~~WORK~~ ~~RECOMPLETION~~ SUSPENSION ~~ABANDONMENT~~ of a Well

Permit No. 2713

Name of well HOME SIGNAL CSP CELIBETA NO. 2 Lease No. Canada Southern Petroleum Ltd., Home Oil, Signal Oil & Gas, Kern County

Registered owner As noted on Lease No. Drilling Company Brinkerhoff Drilling Co.

Location 60° 07' 29.31" N. Lat. 122° 13' 35.25" W. Long.

Survey description, if available 60° 07' 29.31", N. Lat. 122° 13' 35.25" W. Long.

Elevation: Ground 1592' Last previous depth 4135 plug back to 3788'

Kelly bushing 1604 (+80½) Present depth 4115'

Spudded Dec. 26, 1959, 4:15 P.M. Finished drilling Mar. 14 1960. Rig Released March ~~26~~ 14, 1960, ~~12:00 Midnight~~ 6 P.M.

Deviations from vertical . SEE REVERSE SIDE

CASING RECORD

Date	Size O.D.	Weight lbs/ft	Grade	Set at feet	Sacks Cement	Top of Cement
1 Dec. 28/59	13-3/8"	54.5	J-55	327.10	300	To Surface
2 Jan. 6/60	9-5/8"	36.0	J-55	1040	500	Good returns
3 Feb. 13/60	7"	23.0	N-80	3715	Refer to back side of sheet	
4 Feb. 28/60	5" liner	15.0	J-55	3531-3794	60	Returns on liner

TUBING RECORD

Size	Wt. Lbs/foot	Grade	Amount	Landed Depth	Remarks
2-3/8	4.7	J-55	205.41'	3707.33'	With packer at T.D. (3707')
2-7/8	6.5	J-55	3478.10'	Above tail pipe.	

Wellhead CCT (Manufacturer) 2-1/2 (Size) 900 (Series)

Status of well on completion of drilling . . Potential gas well . . . . . .

Producing ~~Horizon~~ Zone . 3738 - 3758 . . . . . and formation Top of (Slave Point)

Cord intervals 3838-3869 (31') rec. 31', 3869-3900 (31') rec. 31', 3900-3930 (30') rec. 30', 3930-3961 (31') rec. 31', 3961-3992 (31') rec. 31', 3992-4023 (31') rec. 31', 4023-4054 (31') rec. 31', 4054-4085 (31') ~~4085-4115 (30') rec. 30'~~, T.D. 4115.

. . . . . 1042-327, 1"=20' & 1"=50'

Interval logged: E-log 1042-3673, 1"=20' . . Other logs Later log 3673-1042, 1"=20'
4114-3794, 1"=20' & 1"=50'

R-log . . . . . R/A 4114-170, 1"=20', 1"=50'

M-log 1040-327, 1"=20', 1"=4'
1042-3673, 1"=20' . . . . . .

Velocity log . . Nil . . . . . .

The above logs ~~were~~ (will be) submitted in accordance with Section 65 of the Regulations.

DRILL STEM TESTS

Test No.	Date	Interval Tested	Duration	Results
1	Jan. 19/60	2527-2594	60 mins.	Fair air blow for 30 mins., then decreasing to the end of the test. Recovered 500' mud, gas cut, 100' salt water, IHP-1500, IFP-75, ISIP-680, FHP-1300, FFP-205, FSIP-660.
2	Mar. 16/60	3734-3774 (4 perforations through in 7" casing)		Misrun.
3	Mar. 17/60	3784-3774	60 mins.	Weak initial puff - dead in 14 mins. rec. 20' of drilling mud.
		Amerada bottom hole clock stopped - no recordings.		

The permanent 2-1/2" tubing production string was then run, tubing landed at 3707.33' with the Baker 410 Packer at tubing T.D. of 3707' K.B.

(If space insufficient, attach further sheet)

(Strike out the non-applicable) (Completion) (Rework) (Recompletion)

Perforations Bullet. . Nil . . . . . .

Shootings (jet) 3774-3784 R/A Log Ref. 2 shots/ft., 3738-3758 R/A Log Ref. 4 shots/ft.

Hydraulic fracturing . . Nil . . . . . .

Chemical treatment 80 bbls. of diesel fuel with 2% Dowell mud ban. . . . .

Date initial production tests . March 24, 1960 . . . . . .

Initial production data 7.25 MMCF gas at 162 psi tubing pressure. . . . . .

FORM "B"

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION BRANCH

RESOURCES DIVISION

For the period from December 26, 1959

to March 26, 1960.

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Deviations from vertical . SEE REVERSE SIDE

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2-7/8	6.5	J-55	3478.10'	Above tail pipe.	

Wellhead OCT (Manufacturer) 2-1/2 (Size) 900 (Series)

DEVIATIONS FROM VERTICAL

102-1/8, 217-1/8, 307-1/4, 413-3/4, 504-3/4, 554-1, 654-1, 684-1-1/8, 784-1-1/4, 804-1-1/8, 864-1-1/2, 924-1-1/2, 984-1-7/8, 784-1-7/8, 1014-1-7/8, 1103-2, 1162-1-15/16, 1223-3/4, 1345-3/4, 1435-1, 1610-1-1/2, 1671-1-3/4, 1701-1-3/4, 1724-1-1/2, 1798-1-7/8, 1851-2, 1915-1-7/8, 1949-2, 1974-2, 2040-2, 2127-2-1/2, 2156-2-7/8, 2187-2-3/4, 2217-2-1/2, 2247-3, 2272-2-1/2, 2307-2-1/2, 2337-2-3/4, 2371-3, 2389-3, 2426-2-3/4, 2444-2, 2457-2-1/8, 2488-2, 2519-2-1/8, 2544-2-1/4, 2590-1-3/4, 2594-1-3/4, 2615-1-3/4, 2645-1-1/2, 2706-1, 2767-1, 2798-1, 2839-1-1/8, 2917-1-1/8, 2979-1-1/8, 3040-1-1/3, 3099-1, 3160-1-1/2, 3218-1-1/2, 3279-1-1/2, 3339-2-3/8, 3427-2, 3485-1-1/2, 3515-1-15/16, 3546-1-7/8, 3576-1-3/4, 3637-1-1/2, 3668-1-5/8. No others run due to problems with lost circulation.

3. CEMENTING 7" CASING - CONT.

Two batches of cement each of 300 sacks were displaced down the casing. No returns of mud were received with the first 300 sacks. The second batch of 300 sacks gave a casing fill and it was assumed a cement tie in had been accomplished to 3665. The 7" casing was then perforated at 3664-3665 with 4 shots per foot and two batches of cement, 200 sacks each were squeezed through the perforations. On the second batch it was assumed some fill-up had been achieved and the 7" casing was then perforated at 3600 with 2 shots. These perforations were pressured up with 1000 psi - no circulation behind the 7" casing was established, so drilling was resumed.

Status of well on completion of drilling . . Potential gas well . . . . . .

Producing Zone . 3738-3758 . . . . and formation Top of Slave Point

Cord intervals 3838-3869 (31') rec. 31', 3869-3900 (31') rec. 31', 3900-3939 (30') rec. 30', 3930-3961 (31') rec. 31', 3961-3992 (31') rec. 31', 3992-4023 (31') rec. 31', 4023-4054 (31') rec. 31', 4054-4085 (31'), 4085-4115 (30') rec. 30', T.D. 4115.

. . . . . .

Interval logged: E-log 1042-327, 1"=20' & 1"=50'
1042-3673, 1"=40' . . Other logs Laterlog 3673-1042, 1"=20'
4114-3794, 1"=20' & 1"=50'

R-log . . . . . R/A 4114-170, 1"=20', 1"=50'

M-log 1040-327, 1"=20', 1"=4'
1042-3673, 1"=20' . . . . . .

Velocity log . . Nil . . . . . .

The above logs (were) (will be) submitted in accordance with Section 65 of the Regulations.

DRILL STEM TESTS

Test No.	Date	Interval Tested	Duration	Results
1	Jan. 19/60	2527-2594	60 mins.	Fair air blow for 30 mins., then decreasing to the end of the test. Recovered 800' mud, gas cut, 100' salt water, IHB-1500, IFP-75, ISIP-680, FHP-1300, FFP-205, FSIP-680.
2	Mar. 16/60	3784-3774 (5 perforations through in 7" casing)	. .	Misrun.
3	Mar. 17/60	3784-3774	60 mins.	Weak initial puff - dead in 14 mins. rec. 20' of drilling mud.
		Amerada bottom hole clock stopped - no recordings.		

The permenent 2-1/2" tubing production string was then run, tubing landed at 3707.33' with the Baker 410 Packer at tubing T.D. of 3707' K.B.

(If space insufficient, attach further sheet)

(Strike out the non-applicable) (Completion) (Rework) (Recompletion)

Perforations Bullet. . Nil . . . . . .

Shootings (jet) 3774-3784 R/A Log Ref. 2 shots/ft., 3738-3758 R/A Log Ref. 4 shots/ft.

Hydraulic fracturing . . Nil . . . . . .

Chemical treatment 80 bbls. of diesel fuel with 2% Dowell mud ban. . . . .

Date initial production tests . March 24, 1960 . . . . . .

Initial production data 7.25 MMCF gas at 162 psi tubing pressure. . . . . .

[redacted] . . . . . .

Plug back . . Set Baker Bridge Plug at 3788 . . . . . .

Other . . . . . .

. . . . . .

. . . . . .

. . . . . .

. . . . . .

CEMENT PLUGS SET

Date	Plug set at	Sacks cement	Method	Top found at
. . . .	. Nil . . .	. . . . .	. . . . .	. . . . .
. . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . .	. . . . .	. . . . .	. . . . .	. . . . .

Washed well samples have been sent to Geological Survey of Canada, Calgary
will be (has been forwarded)

Cores will be stored at . Cremona Pipeline Terminal (Calgary) . . . . . .

Core analysis (was made) of the Intervals . Will not be made. . . . . .
(to be made)

Oil analysis (was made) of the Intervals. Nil . . . . . .
(to be made)

Gas analysis (was made) of the Intervals. Chemical & Geological Laboratory,
([redacted] 1 gas sample to the Board Calgary

Water analysis (was made) of the Intervals. . D.S.T. No. 1 . . . . . .
([redacted]

The above analyses [redacted]
(will be) submitted in accordance with Section 70(2) of
the Regulations.

ADDITIONAL DETAILS AND COMMENTS

After the 2-1/2" permanent tubing string was run and landed with a packer at 3707', the 7" casing was perforated 3738-3758 with 4 shots/foot. Flows of gas were as follows: . . . . . .
Through 1/2" choke - tubing pressure 379 psi, flow temp. 63° F. @ 2.45 MMCF/day
. . . with final flow rate of 778 MMCF @ 538 psi tubing pressure. Wellhead flowing temp. 84° F. with a 3/4" choke. Well shut in and tubing plugged off with an
. . . Otis CW plug set at 3430', March 26, 1960 . . . . . .

. . . . . .

Signed. H. R. Wyckoff . . . Address 304, 6th Avenue, S.W., Calgary

Date . April 1, 1960 . . . . . .

(To be submitted in triplicate in accordance with Sections 68, 69, 70 and 71, of the Territorial Oil and Gas Regulations to the Oil Conservation Engineer at Calgary, Alberta.)

F.1c

#81

OIL AND GAS CONSERVATION BOARD
ANALYTICAL LABORATORY
in cooperation with
Department of Chemical & Petroleum Engineering
University of Alberta

Engineering Building,
University of Alberta,
Edmonton, Alberta.

REPORT OF ANALYSIS

Laboratory Order and Report Number G3-460

Date of Report April 19, 1960
Date of Analysis April 8, 1960
Date of Sampling March 20, 1960

Well Name and Number Home Signal C.S.P. Celibeta Lake #2
Well Location LSD Sec. Twp. Rge. West Mer.
Field or Area Pool
Operator Dept. of Northern Affairs & National Resources, Immigration Bldg., Calgary
Sample obtained from Tubing at Wellhead Temperature 62 F
Method of Production Flowing Pressure 379 psig
DST Recovery Container Pressure when filled 350 psig
Depth interval sampled 3738 feet to 3758 feet. K.B. Elevation 1604' Grd. 1592 feet
Name of zone and formation sampled Slave Point Top Bottom
Sample obtained by (individual)
(organization)

ANALYSIS OF NATURAL GAS

Pressure in container when received psig.

	VOLUME PERCENT (As Sampled)	VOLUME PERCENT (Acid Gas Free)	IMP. GALS. PER MSCF (As Sampled)
Hydrogen	0.02	0.02	
Methane	85.91	94.63	
Ethane	0.11	0.12	
Propane	0.04	0.04	0.009
Iso Butane	0.01	0.01	0.003
n Butane	0.02	0.02	0.005
i Pentane			
n Pentane			
Hexanes			
Heptanes +			
Nitrogen	4.47	4.92	
Helium	0.22	0.24	
Carbon dioxide	9.20	-	
Hydrogen sulphide	0.00	-	
Total	100.00	100.00	0.017

Gross Heating Value, BTU per SCF (14.4 psia, 60° F., moisture and acid gas free)
Measured 943 Calculated 941

Specific gravity (moisture free, as sampled)
Measured Calculated 0.661

Specific gravity (moisture and acid gas free)
Measured Calculated 0.575

Calculated pseudocritical properties—
Gas as sampled: pPc 700 psia; pTc 357 ° R.
Acid gas free: pPc 663 psia; pTc 337 ° R.

Remarks:
* Location: 60 degrees, 7 minutes, 29.31 seconds North
122 degrees, 13 minutes, 35.25 seconds West

Analyzed by: D. R. Shaw Approved by: D. R. Shaw
Copies to: Calgary, Operator (4)

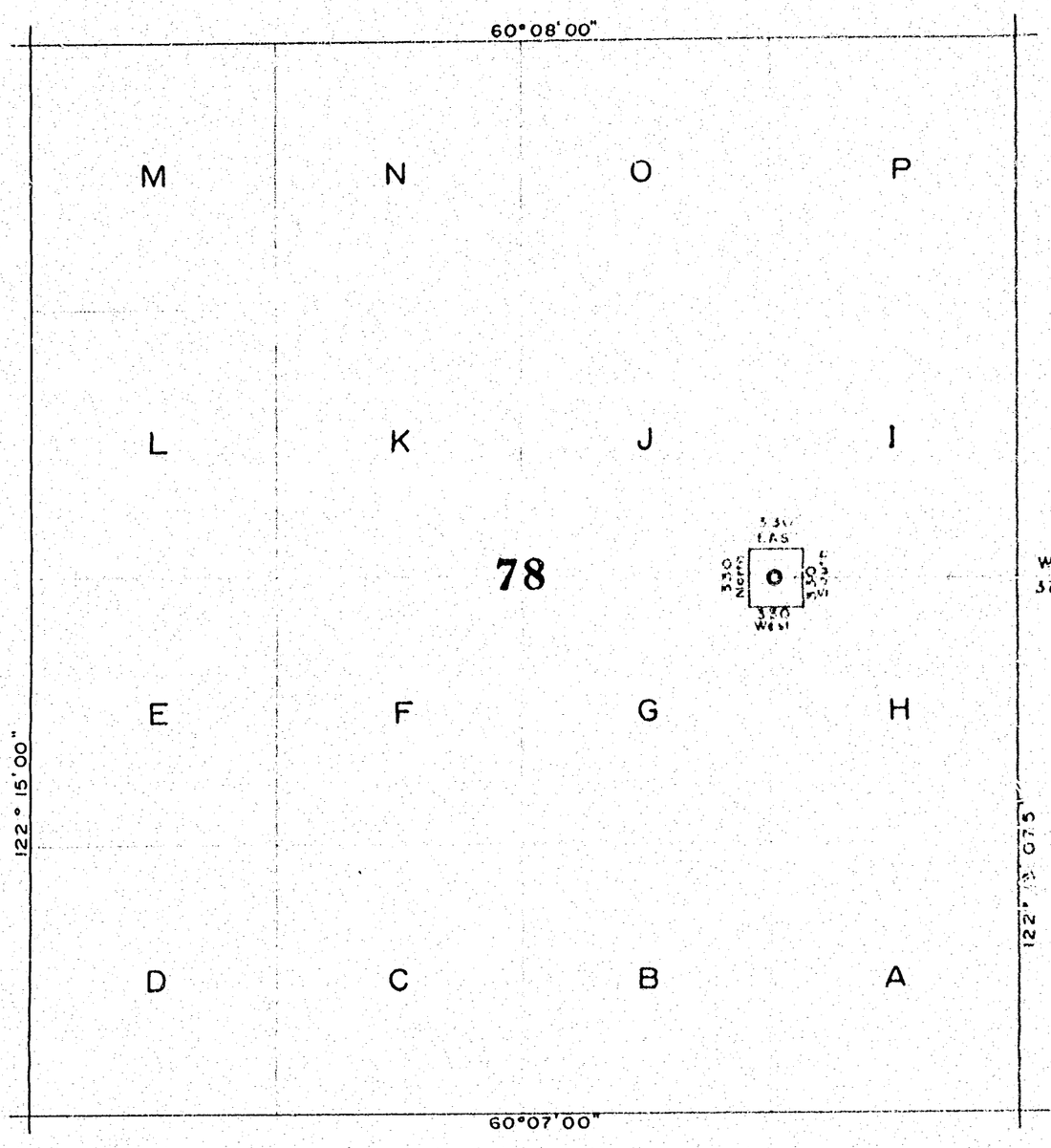
PLAN OF WELL LOCATION
HOME SIGNAL CSP CELIBETA No.2
NORTHWEST TERRITORIES

LATITUDE: 60° 07' 29.31" LONGITUDE: 122° 13' 35.25"

UNIT H SECTION 78 GRID AREA IN N.T.S. SHEET 95-B-1-E.H.

Elevation: 1604' KB Datum: BC Bdy. Mon. 65-A

Scale: 800 feet = 1 inch.



TRAVERSE INFORMATION		
Origin of traverse Trig Station NEY		
Station	Distance	Bearing
NEY		
170-59-1	1651.50	S 89°54'00"E
2	2686.80	N 89°58'20"E
3	5537.70	N 03°29'30"W
4	4891.90	N 03°00'30"W
5	5252.75	S 88°51'00"W
6	9852.35	S 88°55'00"W
7	11817.90	N 02°10'30"E
8	7097.90	N 02°09'40"E
9	6488.05	N 02°11'40"E
10	9474.75	N 02°15'10"E
11	6272.10	S 89°00'00"E
Location	260.20	N 05°52'30"E

Legend:
- △ Triangulation Station
- ○ Well location

Area:
Wellsite 2.50 Ac

Coordinates:
45121.65 North of Trig Sta NEY
3723.15' West of Trig Sta NEY
70.1' South of N Bdy Unit H
19.2' East of W Bdy Unit H

NEY BC Bdy Mon 65-A
Lat 60° 00' 04.936"
Long 122° 12' 21.757"
Elev 1417.00

Note:
All distances check chained.
Bearings referred to meridian through Trig Station NEY and derived from astronomical observations.
Astronomical observations taken at station 170/59/7
Traverse follows seismic lines.

Operator: HOME OIL COMPANY LIMITED

[signature]

M. McIntosh

I Earl Edward Little of the town of Fort St John BC, Dominion Land Surveyor, make oath and say that I was present at and did personally superintend the survey represented by this plan and that the survey and plan are correct. The said survey was completed on the 30th day of December 1959

Sworn before me this 4th day of January 1960

[signature]
D L S

[signature]
A Commissioner for taking affidavits within the Province of British Columbia

APPROVED

Surveyor General

OTTAWA

Midwest Surveys & Engineering Ltd., Fort St. John, BC F-170-59

FORM "A"

C A N A D A

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NORTHERN ADMINISTRATION BRANCH

RESOURCES DIVISION

NOTICE OF INTENTION TO BEGIN DRILLING OPERATIONS

or

TO CARRY OUT A STRUCTURE TEST PROGRAM

In accordance with Section 58 of the Territorial Oil and Gas Regulations, notice is hereby given of our intention to begin drilling a well on Oil and Gas Permit No. . . . . registered in the name of
Lease No. . . . . .

2713
Canada Southern Petroleum Ltd., Home Oil Company Ltd.
Signal Oil & Gas Co., Zeon County Land Co.

TYPE OF WELL:

Wildcat . . . . . .

Development . Wildcat . . . . . .

Expected total depth . . . . . feet, in the . . . .

formation of . . . . . 5000 . . . age.

The well will be located . . . . . N. Lat. . . . . W.Long.

. . . . . (N. of S. boundary) 69° 7 min Permit No. . . . 122° 10 min 40 sec
(S. of N. boundary) of (Lease No. . . . . .)
. . . . . (W. of E. boundary) of (Permit No. . . . . .)
(E. of W. boundary) (Lease No. . . . . .)

Survey description of Location, if known . . . . . .

. . . . . Not as yet known. Will be

Approximate surface elevation of location . . . . . feet above sea level.

Name of well . . . . . 1570 . . . . . .

Type of drilling rig to be used Signal CSP Celibeta No.2 . . . . . .

Expected date of commencement 23-150 Esso (Rotary) . . . . . .

We propose to use the following strings of casing, cementing them as indicated below:

Size O.D. Inches	Weight lbs/ft	Grade	Brand	New or Used	Estimated Depth	Sacks of Cement
1. . . .	. . . .	. . . .	. . . .	. . . .	. . . .	. . . .
2. 13-3/8	. 54.5	. J.55	. Spang	. . New	. . . 300	. 240 (To surface)
3. . 9-5/8	. . 36	. J.55	. Homestream	. New	. . 3600	. 640 (To surface)
7"	23	J.55	S & L	New	3700	400

.. 2

Expected depth of water, gas and oil horizons and method of control:

~~Surface~~	~~500~~	
Waterton Equiv.	830	
First Dense limestone	1630	Estimated Tops
Silty limestone unit	1690	
Second dense limestone	2360	water, gas & oil
Shale unit	2490	
Spense River Shale	3560	horizons unknown
~~Slave Point~~	4000	

An electric log ~~will not~~ will be run Other logs ~~will not~~ will be run

STRUCTURE TEST PROGRAM

~~Proposed number of holes . . . . . Maximum well depth . . . . . enclosed within an area bounded by~~

~~. . . . . .N. Latitudes~~

~~. . . . . .W. Longitudes~~

~~An electric log will not be run Other logs will not be run~~

Name and address of drilling contractor Brinkerhoff Drilling Co. Ltd.,
220 Bentall Building,
CALGARY, Alberta.

Responsible agents of permittee or lessee in charge of operation:

At well L. Stafford . . . . . Postal address 304 - 6th Ave S.W., Calgary

At registered office H.R. Wyckoff . . . . Postal address 304 - 6th Ave. S.W., Calgary

It is understood that if changes in this Notice of Intention become necessary we will promptly notify you.

Dated at Calgary this 14th day of Dec 19 59

Signed by H.R. Wyckoff

This program is approved subject to the following provisions (if any):

Attention is drawn to Section 60 subsections (2) and (3) of the Regulations.

16 December, 1959.
Date

B.H. Thomas
Oil Conservation Engineer.

(To be submitted in triplicate to the Oil Conservation Engineer at least 15 days prior to the commencement of drilling)

COMPLETION REPORT

HOME SIGNAL C.S.P. CELIBETA NO. 2

122 -13' -35.25" W.
60 - 7' -29.31" N.

REPORT ON THE

DRILLING AND COMPLETION

OF

HOME SIGNAL C.S.P. CELIBETA NO. 2

***

HOME OIL COMPANY LIMITED

APRIL.....1960.

***

FOREWORD

This report covers the drilling and completion of HOME SIGNAL C.S.P. CELIBETA #2 from spud in to final completion. All factual data concerning this well are included.

The Engineering and Geological Departments of the Home Oil Company Limited prepared this report and completed it in its final form from information in the files of the Company.

DISTRIBUTION

Home	2
Signal Oil	2
Alminex	1
Kern County	2
Canada Southern	3

HOME OIL COMPANY LIMITED

Wm. D. Lundberg.
Production Superintendent.

J. L. Carr,
Chief Geologist.

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ENCLOSURES: Microlaterolog-Caliper
Gamma Ray-Neutron Log
Electrical Log
Laterolog

Home Oil Company Limited

SUMMARY OF WELL DATA

HOME SIGNAL C.S.P. CELIBETA NO. 2

122° 13' 35.25" W.
60° 07' 29.31" N.

1592.35

1603.85

HOME OIL COMPANY LIMITED Brinkerhoff, Rig 26

4:15 P.M., Dec.26, 1959 March 13, 1960 4115

Midnight, March 26, 1960 -

GAS WELL Slave Point

Completed and shut-in 7.25 mmcu.ft./day

13-3/8" x 327' x C 300 + 2% $CaCl_2$
9-5/8" x 1040' x C 500 + 2% $CaCl_2$
7" x 3712' x C 400
5" x 263 (3794 - 3531) x C 60

3774 - 3794 March 16, 1960
3750 - 3758 March 21, 1960 - 2 shots/ft.
3738 - 3750 March 21, 1960 - 4 shots/ft.

#1 3838 - 3869 Cut 31' Rec. 31'
#2 3869 - 3900 Cut 31' Rec. 31'
#3 3900 - 3930 Cut 30' Rec. 30'
#4 3930 - 3961 Cut 31' Rec. 31'
#5 3961 - 3992 Cut 31' Rec. 31'
#6 3992 - 4023 Cut 31' Rec. 31'
#7 4023 - 4054 Cut 31' Rec. 31'
#8 4054 - 4085 Cut 31' Rec. 31'
#9 4085 - 4115 Cut 30' Rec. 30'

SUMMARY OF WELL DATA

HOME SIGNAL C.S.P. CELIBETA NO. 2

LOGS: Schlumberger

Run No. 1	Microlaterolog Caliper	1040 - 327	1"-20'	January 3, 1960
		1040 - 600	1"- 4'	
	Electrical Log	1042 - 327	1"-20'	January 3, 1960
			1"-50'	
Run No. 2	Laterolog	3673 - 1042	1"-20'	February 10, 1960
	Microlaterolog	3676 - 1041	1"-20'	February 10, 1960
	Electrical Log	3676 - 1042	1"-50'	February 10, 1960
		3676 - 1042	1"-20'	
Run No. 3	Electrical Log	4114 - 3794	1"-20'	March 13, 1960
			1"-50'	
	Gamma Ray-Neutron	4114 - 170	1"-50'	March 14, 1960
			1"-20'	

SUMMARY OF WELL DATA

HOME SIGNAL C.S.P. CELIBETA NO. 2

Markers	Samples	G.R.-Neutron	Sub-Sea	Thickness
Mississippian	470	480 (E-Log)	⌿1124	140
Exshaw	620	620 (E-Log)	⌿ 984	23
Devonian	680	643	⌿ 961	757
First Dense Limestone	1490	1502	⌿ 102	846
Island River Member	2360	2348	- 744	317
Shale Unit	2640	2665	-1061	1073
Spence River Shale	absent	-	-	-
Slave Point	3738	3738	-2134	242
Watt Mountain Formation	4021⌿	3980?*	-2376	41
Elk Point	4023	4021	-2417	94 to T.D.
Total Depth	4115	4115	-2511	

* First of 3 shale breaks
⌿ Last of 3 shale breaks

HOME SIGNAL C.S.P. CELIBETA NO. 2

GENERAL STATEMENT

This was a commitment well drilled on a land block of 1,276,664 acres farmed out from Canada Southern, and located 8 miles north of the British Columbia, North West Territories boundary and 26 miles north-west of the Gulf States Petitot River No. 1 Slave Point gas discovery well.

Drilling costs for the well were shared as follows-

Signal Oil & Gas	50%
Home Oil Company	25%
Kern County	10%
Alminex Limited	10%
United	5%

and this earned the following interest in the well.

Signal Oil & Gas	25%
Home Oil Company	12.5%
Kern County	5%
Alminex	5%
United	2.5%
Canada Southern	37.5%
Magellan	6.25%
Oil Investments	6.25%

SAMPLES

Samples were caught at 10 foot intervals from 10' to 3838' for Home Oil Company Limited, Signal Oil & Gas, The Dominion Government and Canadian Stratographic Service Limited.

CORES

Nine cores were cut from 3838' to 4115' with a 3½" core barrel. 100% recovery was obtained.

GEOLOGICAL

Overlying a 270' Mississippian section of light to dark grey, slightly calcareous shales, are 410 ft. of unconsolidated glacial drift and gravels. The Devonian section, from the base of the Exshaw Shale to the top of the Slave Point Formation, is dominated by thick shale sections and some silt accumulations. Thick limestone beds occur at the

intervals 800'-880', 1500'-1660' and 2360'-2605'. Each band of limestone showed evidence of oil, but in non-commerical quantities, the bands from 800'-880' and 1500'-1660' showing free oil carried on hair-line fractures and slight oil-staining but generally dense. The limestone from 2360'-2605' showed intermittant, patchy, poor oil-staining at the top with a trace of porosity. From 2530'-2600', the staining improved to good staining and the interval 2523'-2594' was drill stem tested. Recovery was 300 feet of slightly gas cut drilling mud and 100 feet of muddy saltwater.

Bituminous Spence River Shales are absent from this well, but the cuboid pyrites generally associated with this formation are present at the base of the Shale Unit. In the basal 75 feet of the Shale Unit, abundant white, fine grained, soft gypsum is present, in some cases cutting the bedding of the shale. These are probably secondary deposits infilling fractures at the base of the Shale Unit.

Directly below the gypsum, a cavernous zone was encountered and circulation was lost. A sample recovered from this zone contained large quantities of very fine euhedral quartz crystals intricately meshed, allowing for good intercrystalline porosity. These crystals probably formed in large open fractures. This fracture zone is 20 feet thick, and is the gas producing horizon in this well. Below this zone, the Slave Point Formation is composed of organic fragmental limestone with amphiporoids, stromatoporoids, brachiopods, gastropods and corals. These are reef building organisms that under favourable environmental conditions could develop into true reef bodies. Some fracturing of the formation has occurred but has been filled with secondary calcite.

Underlying the Slave Point Formation is the Watt Mountain Formation of this area. It consists of a 1.5 foot band of shale, light olive grey, smooth waxy with some massive pyrites. The shale is moderately slickensided.

Below the Watt Mountain Formation is a brecciated fragmental stromatoporoid limestone which is referred to in this well as the Elk Point group.

CELIBETA LAKE AREA - NORTHWEST TERRITORIES

In 1959, a large tract of land was acquired through farmout by Home Oil Company Limited, Signal Oil and Gas Company and others from Canada Southern Petroleums in the Northwest Territories and Yukon. Permit Nos. 2713, 2801 and 1137 in the Northwest Territories, bounded by the 60th parallel on the south, 122° west longitude on the east, 122° 30' west longitude on the west and 60° 10' north latitude on the north, comprise the area investigated by the drilling of two wells the winter of 1959-60. The wells were located on a large domal structure, which had been outlined by a reconnaissance seismic survey conducted during January, February and March, 1959. The structure is at least 25 miles across and with not less than 1000 feet of closure. The wells were located on this structure so as to test approximately 500 feet of closure. Well No. 2 was located on the highest central portion of the structure and well No. 1 on the southwest flank approximately 500 feet lower structurally. The nearest well control was the Imperial Island River, located approximately 37 miles east of Celibeta No. 2 and the Gulf States Petitot River No. 1, located approximately 26 miles southeast of Celibeta No. 2.

The original plans called for Celibeta No. 2 to be taken to the basement, but problems of lost circulation for No. 2 and the fact that Celibeta No. 1 did not encounter porosity in the Slave Point caused a change in plans and Celibeta No. 1 was taken to basement instead. A dense, hard quartzite with a pink tinge was encountered at a depth of 6250 in Celibeta No. 1 and by agreement among the partners was declared effective basement.

The gas production from Celibeta No. 2 is from the top 20 feet of the "Slave Point" formation and amounted to approximately 8 MMCF/D. The reservoir is unique in that it appears to be the result of surface or near surface leaching forming vugs, cavities and other large openings which were later filled or lined with quartz crystals perfectly formed and having the framework largely replaced by silica. Whether reef development had any part in the formation of the reservoir cannot be demonstrated at this time.

Future work on the area will be based more on stratigraphic considerations and less on structural control because the geologic section penetrated in Celibeta No. 1 pretty well eliminated the possibility of large blanket-like horizons of porosity.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
30 - 70	Shale, black, hard, chunky; limestone, light buff, micro-crystalline to medium-crystalline, small pebbles of pink granite, quartz, black chert, sandstone, light grey, quartzitic micro-conglomeratic.
70 - 150	As above, with sandstone, grey, fine grain, argillaceous. Shale 5%, part calcareous. Hornblende Schist rock appears to be a coarse gravel with sub-rounded pebbles and grey clay.
150 - 210	Gravel of small rounded pebbles and fragments of larger cobbles, granite, Schist, limestone, light buff, micro-fragmented to crystalline, a few pieces showing leached out vugs, dolomite, micro-crystalline, chert black to red, quartz, sandstone, light grey, argillaceous, part calcareous. Limestone, black. Trace hard black shale.
210 - 240	As above, part of dolomite pebbles to coarse crystalline.
240 - 260	As above, with 15% sandstone, dark grey, fine grain, argillaceous, part pyritic and siltstone.
260 - 270	Gravel and sandstone, medium grey, very fine grained, Slightly argillaceous, specks of pyrite, part black grading to siltstone, part calcareous. Few pieces of shale, black micro-silty and pyritic, very hard.
270 - 310	(Samples poor) Dominantly gravel of gneiss rods, limestone and some sandstone, as above 5%.
310 - 330	(Circulated sample) Sandstone, medium grey, very fine to coarse grained, sub-angular with a few rounded grains of clear quartz and grey chert, matrix partly calcareous and part pyritic, part of sandstone is friable, probably containing fair intergramular porosity. Bedrock 250?
330 - 350	Quartz pebbles, 50% well rounded, contained in a non-calcareous ironstained fairly soft silty like matrix. Shale, trace, black, non-calcareous, soft. Sandstone, ironstained, medium to fine grained, grains angular to sub-rounded, non-calcareous quartzose, dense, with occasional mica streaks.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
350 - 360	As above, with addition of fragments of granite (?) pebbles.
360 - 390	Quartz pebbles, well rounded and chert pebbles. Sandstone, whitish in part, ironstained, quartzose, medium to fine grained, grains angular to sub-rounded, in part micaceous and sometimes with rare green grains, probably chlorite. Shale, trace, black, non-calcareous, soft.
390 - 410	Quartz pebbles and fragments with matrix dominant. Traces of free mica, shale and sandstone, as above.
410 - 450	Siltstone, brown grey, calcareous, very soft, disintegrates readily in HCl leaving a fine whitish flaky residue. Note: Sample has a very clayish appearance when wet.
450 - 470	As above, also reddish siltstone (ironstained) with similar characteristics to the siltstone above.
	Mud ring at 470, cleared at 520.
470 - 500	Siltstone, as for 410 - 450.
500 - 510	Missing.
510 - 530	Siltstone, as above. Shale, trace, black, micromicaceous, calcareous.
530 - 620	Shale, black, calcareous, micromicaceous, fairly soft.
	600 ft. sample - trace pyrites.
620 - 630	Shale, black, micromicaceous, calcareous, medium, hard.
630 - 660	Shale, as above. Also a non-calcareous brownish bituminous shale and a silty shale with white specks.
660 - 670	Shale, brownish, non-calcareous, bituminous, medium soft; also some black shale. Limestone, trace only, white, soft, dense. Chert pebbles, well rounded, whitish - a few only.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
670 - 680	Shale and limestone, as above. Chert virtually absent. Some pyrites, both massive and finely disseminated in the limestone, is present.
	Top of Devonian 680
680 - 760	Siltstone, off white, fine grained, calcareous, no apparent porosity. Occasional crinoid stems and pyrites nodules embedded in the siltstone. Chert pebbles, limestone and shale are present, but not common.
760 - 770	As above. Also some medium soft, pyrobituminous shale which gives a chocolaty streak and traces of white limestone.
770 - 800	As above, in diminishing amounts and with increasing amounts of limestone (see below), with crinoid fragments.
800 - 860	Limestone, off white, crypto to micro-crystalline, argillaceous, hard but brittle, generally tight. Bare calcitic infilling occurs and traces of oil-staining are present. When wet some free oil could be seen bubbling up along hair-line fractures, but this was infrequent. Fragments of crinoid stems and rare brachiopod casts occur especially in the upper portion of the formation. Minor amounts of black shale are present throughout.
860 - 890	Limestone, as above. Calcite 5%, white, soft, some is heavily oil-stained and gives a good glow with chlorothene under ultra violet light. Occasional chert pebbles are present. Some of the calcite and chert is ironstained.
	Lost circulation 890.
890 - 930	Limestone, off white, micro-crystalline, argillaceous, hard with occasional brachiopods and crinoid stems, and fossil casts, and some rare oil-staining but for the most part is dense. Limestone in part slightly pyritic with some rare calcite bleb infillings.

ROSE SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
930 - 970	Limestone, as above. Shale, black, non-calcareous, medium hard, blocky. Occasional toffee-coloured, and clear chert pebbles occur. Note: By 970 shale made up to 30% of sample.
970 - 1010	Shale 50%, black, non-calcareous, medium hard, limestone, as above. Some chert pebbles and massive pyrites occur.
1010 - 1030	Limestone, off white, crypto to micro-crystalline, argillaceous, dense. Has some oil-staining which fluorescence under ultra violet light. This oil appears to be present along hair-line fracture planes only although this is not readily apparent with microscopic examination. Some crinoid stem fragments and brachiopod casts occur, the shale content is almost absent over this interval. General Note: The limestone observed this far appears to be in part at least an organic fragmental limestone as occasional chips consist primarily of organic remains. Rare vugs of organic origin do occur.
1030 - 1050	As above. A slight increase in shale content (10%) has occurred. Some massive pyrites is present in the 1040 sample.
1050 - 1080	Limestone, off white, crypto-crystalline, argillaceous, dense, some crinoid stem fragments present. Calcite, colourless with good oil-staining. Limy shale, whitish grey, very fine grained, very calcareous, no apparent porosity. In part slightly coarser with a trace of pin-point porosity. Some pyrites.
1080 - 1470	Limy shale, whitish grey to grey, very fine grained, very calcareous, disintegrates readily in HCl leaving considerable argillaceous like residue, relatively soft, no apparent porosity. Occasionally slightly coarser with a trace of pin-point porosity. Some hair-line calcite veining occurs.

HOME SIGNAL C.S.P. CALIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
	Note: Minor amounts of pyrite and occasional limestone chips occur throughout. The calcareous content of the limy shale decreases with depth especially below 1430 ft.
1470 - 1490	Limy shale as above. Limestone, trace, off white to light brown, crypto-crystalline, clean, dense. A trace of pyrites is associated with the limestone.
	Top of First Dense Limestone Unit 1490'
1490 - 1590	Limestone, off white to light brown, crypto-crystalline, clean (i.e. no residue remains in HCl) or very slightly arenaceous, dense. Some fine calcite infilling occurs. Some hair-line fractures contain minor amounts of oil. Trace of pyrites.
1590 - 1630	Limestone as above. Pyrites in association with limestone. Trace shale. Limy silt, whitish, fine grained, calcareous matrix, dense. Calcite, white to colourless, in part oil-stained.
1630 - 1640	Limestone, as above. Limy silt, as above with an increase up to 5% of sample. Calcite, white, some slightly oil-stained (10%). Shale, trace only, black, non-calcareous, platy.
1640 - 1680	As above with a slight increase in the limy silt. Pyrites also occurs.
1680 - 1720	Limestone, limy silt, shale and pyrites as above. The limy silt content of the samples has increased up to 40%.
1720 - 1790	Limestone, dirty white, micro-crystalline, argillaceous, dense. Limy silt, white to brown, fine grained with a calcareous matrix, some ostracods present, no apparent porosity. Shale 5%, brown to black, non-calcareous, blocky to platy pyrites, trace.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
1790 - 1830	Limestone, off white to light brown, crypto-crystalline, blocky, clean to very slightly arenaceous, dense, in part fossiliferous. Limy silt, light brown, fine grained, very calcareous, no apparent porosity, in part with pyrites associated. Shale, light grey, smooth, in part pyritic, calcareous, relatively hard, splintery to platy in part micromicaceous.
1830 - 1850	As above except that the limestone has decreased and the limy silt and shale have increased. A trace of black shale is present.
1850 - 1860	Limy silt and grey shale, as above.
1860 - 1900	Shale, light grey, smooth, calcareous, laminated, micromicaceous, splintery to platy, bentonitic.
1900 - 1910	Shale, as above. Limestone 10%, light brown, crypto-crystalline, clean to very slightly argillaceous, dense.
1910 - 1920	Light grey shale, as above. Also some black non-calcareous micromicaceous, platy shale. Limestone, as above. Also a trace with fossil fragments. Calcite, opaque, fractured with a trace of oil-staining. Pyrites massive. Quartz, in part opaque, in part clear with reddish grains and an appearance of having been scattered, and associated pyrites.
1920 - 1930	As above. Also rare chert fragments (black) and an unidentified micaceous rock. Most chips in this sample are very hard. The black shale makes up 50% of this sample.
1930 - 1940	Shale, light grey, smooth, splintery to platy, slightly calcareous. Siltstone, off white to light grey, fine grained with a calcareous matrix, dense. Limestone, light brown to off white, micro-crystalline, some brachiopod casts. Pyrites, finely disseminated in the siltstone.
1940 - 1990	Limestone, off white to dirty brown, fine grained, in part fragmental with some brachiopod casts and ostracods, arenaceous, dense, in part pyritic. Shale 75%, light grey, smooth slightly calcareous in part pyritic, laminated.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
1990 - 2060	Shale 75%, as above. Limy siltstone, light brownish grey, micro-crystalline, very calcareous which in HCl leaves a silty framework.
2060 - 2100	Shale, light grey, calcareous, laminated, blocky in part pyritic, relatively hard.
2100 - 2190	Shale, light olive grey, smooth, in part laminated, splintery to platy, micromicaceous, calcareous, medium soft.
2190 - 2220	Shale, as above. Siltstone, off white to light brown, fine grained with a calcareous matrix, dense. Calcite, trace only. Some massive pyrites occur in the 2210 and 2220 sample.
2220 - 2230	As above. Also some black, non-calcareous blocky shale. A well defined brachiopod cast appears in the siltstone in this sample.
2230 - 2240	Shale, light grey to light olive grey, platy to blocky, non-calcareous, micromicaceous in part laminated, medium soft, also some darker shale. Siltstone, white to light brown, fine grained with calcareous matrix in part with a siliceous appearance, dense. Evidence indicates the interbedding nature of the siltstone and shale.
2240 - 2250	Shale, 95%, as above. Siltstone, as above, with a marked decrease in content.
2250 - 2260	Shale, light grey to light olive grey, sometimes darker, non-calcareous, smooth, platy to blocky, in part micromicaceous, medium hard. Anhydrite, white, finely crystalline, four or five chips only, always as a band associated with the shale.
2260 - 2280	Shale, as above, sometimes slightly calcareous. Siltstone, 5%, light brown to off white, hard, slightly calcareous with a siliceous appearance in part, dense. A brachiopod cast appears in the 2280 sample.
2280 - 2290	Shale, light grey, some darker, non-calcareous, micromicaceous, platy to blocky, medium soft.

HOME DIGNAL C.S.P. CALIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
2290 - 2300	Shale, as above. Limestone, light brown, micro-crystalline in part fragmental, clean to arenaceous with some darker material associated, blocky dense. Siltstone, trace only.
2300 - 2330	As above. The limestone content increases to 2320 then decreases from 2320 - 2330.
2330 - 2340	Shale, light grey to light olive grey, rarely light brown, non-calcareous, platy to blocky, micromicaceous, in part pyritic.
2340 - 2350	Limestone, whitish to light brown to black, fine to medium grained, in part fragmental, in part with distinct circular bodies sometimes arenaceous, sometimes argillaceous, sometimes clean, blocky, dense. Some shale is present. Siltstone, light brown, fine grained, quartz and pyrite, a trace only.
2350 - 2360	Limestone and shale. The drilling record indicates a shale stringer from 2352 - 2360, and the percentage of shale in this sample bears this out. As such, the top of the Second Dense Limestone could be at 2360.
	Top of Island River Member 2360
2360 - 2400	Limestone, off white to light brown, micro-crystalline, to medium grained, for the most part clean, sometimes slightly argillaceous, blocky, dense. Limestone devoid of oil-staining and porosity, and the associated siltstone (above) is nearly all gone. Pyrites, a trace, usually massive, but in the 2390 finely disseminated associated with limestone
2400 - 2410	Limestone, light to dark brown, rarely off white, medium grained, argillaceous, blocky, dense.
2410 - 2440	As for 2360 - 2400. Some associated siltstone.
2440 - 2450	Limestone, mainly white, micro-crystalline, clean, blocky, dense with some darker limestone and a trace of poor oil-staining but no porosity. A trace of siltstone is present.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
2450 - 2460	Limestone, white, micro-crystalline, clean, blocky, generally dense. This limestone is not fragmental but in the sample less than 1% is of a fragmental type, and has a trace of very poor vuggy porosity, but no staining. Some pyrobitumen occurs.
2460 - 2470	As above. Increase in the fragmental limestone.
2470 - 2480	Limestone, light mottled brown, sometimes with darker material (pyrobitumen?) associated, fragmental, argillaceous, blocky. Dense, also as above.
2480 - 2510	Limestone, as above. Shale, black, non-calcareous, micromicaceous, and some brownish shale and light olive grey (cavings?).
2510 - 2520	Shale, 15%, light olive grey to dark grey to blackish. Limestone, as above. Trace granite.
2520 - 2530	Limestone 75%, whitish to light brown, coarsely to medium crystalline to fragmental, some silty infilling and some dark material (pyrobitumen?) associated argillaceous, blocky, dense. Trace pyrites. Shale, light grey to light olive grey to black, non-calcareous, blocky, micromicaceous in part.
2530 - 2540	Limestone 75%, white to light brown, fine grained in part somewhat coarser, occasionally fragmental, clean to slightly argillaceous, fair to good oil-staining, fair to good fluorescence under ultra violet light, pyrobituminous in part. Porosity is pin-point (fine intergramular) in part although generally not readily apparent. Shale, light grey to light olive grey to black, non-calcareous, micromicaceous.
2540 - 2550	As above, slight increase in shale content.
2550 - 2590	Limestone 75%, light brown, fine grained, some coarser grained, clean, slightly argillaceous, blocky, fair to good oil-staining, fair to good fluorescence under ultra violet light, porosity possibly intergramular although not readily apparent. Shale, light grey to light olive grey.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
2594 - 2600	Pipe correction of 4 ft. to 2594. Limestone, light brown, fine to medium grained, blocky, slightly argillaceous, no apparent porosity and very little oil-staining, in part with a mottled appearance. Shale, 20% light grey, non-calcareous, micromicaceous.
2600 - 2610	Limestone, as above. Also some dark brown, crypto-crystalline, limestone. Some calcareous veining associated. Shale, 50% light grey, calcareous, smooth, in part pyritic, and light olive grey shale.
2610 - 2620	Shale, 80% light grey to light olive grey, as above. Limestone, light to dark brown, micro-crystalline to fine grained, as above.
2620 - 2640	Limestone, dark brown, micro-crystalline, argillaceous, blocky, dense. Also as above. Shale, 25%, light olive grey, non-calcareous.
	Top of Shale Unit 2640
2640 - 2690	As above with some calcite (free) and pyrites.
2690 - 2730	Limestone, fine grained and micro-crystalline; shale, calcite and pyrites as above.
2730 - 2750	Shale, light to dark grey, non-calcareous, blocky, in part pyritic.
2750 - 3190	Shale, light grey to light olive grey, non-calcareous, blocky to splintery, slightly pyritic throughout, in part micromicaceous, medium soft.
	Siltstone interbeds occur at 2830', 2860', 3020-40', 3140', the siltstone being a dirty grey, fine grained, calcareous variety with no apparent porosity. Traces of dark brown to white, micro-crystalline (sometimes fine to coarse grained) argillaceous dense limestone occur at 2890-2930, 2960-80, and 3140-90. At 3070 there is a slight increase in the pyritic content; also a single crinoid stem fragment.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
3190 - 3330	Shale, light to medium grey, non-calcareous, microvitreous, medium soft blocky, very slightly pyritic.
	Note: Limestone, usually light to dark brown, fine to coarse grained, argillaceous, dense and fine grained, greyish siltstone occur in minor amounts throughout.
3330 - 3370	Shale, as above. Also quartz, in part clear, in part ironstained and rare occurences of granite and white, clean limestone pebbles. Also limestone and siltstone, as above, the limestone being fossiliferous (brachiopods). Occasional isolated crinoid stem fragments occur. In the 3360 a limestone-siltstone contact occurs.
3370 - 3650	As for 3190 - 3330. 3430 - 3440; white to light grey, micro-crystalline, dense limestone. 3590 - 3610; trace limestone and calcite.
3650 - 3660	Shale. light to dark grey, platy to blocky, very calcareous to non-calcareous, medium soft, in part with pitted surface. Sandstone, trace only, greenish.
3660 - 3690	Shale, light to dark grey, platy to blocky, as above with addition of finely disseminated cuboid pyrite crystals. Generally the shale carrying the pyrites is smooth. Also some massive pyrites.
3690 - 3700	Shale, as above. Limestone, light brown, micro-crystalline dense, trace only.
3700 - 3710	As above. Gypsum, white, fine grained, soft, trace only.
3710 - 3725	Shale, as above. Gypsum, white fine grained, soft 10-15%. Some of the gypsum cuts directly across the bedding plane of the shale.
	A lost circulation zone, coupled with a pipe correction indicates the bottom of the hole, at commencement of drilling, to be approximately 3744, hence the descrepancy between samples.

HOME SIGNAL C.S.P. CELIBETA NO. 2

SAMPLE DESCRIPTION

Interval	Description
	Top of Slave Point 3738.
3744 - 3750	Partly fine quartz crystals, translucent, in a loosely bound framework with a black soft carbonaceous (pyrobituminous) matrix. Porosity is good, inter-crystalline and vuggy. Under ultraviolet light occasional chips give a faint glow; partly black micro-crystalline dense rock, this being in minor amounts. No reaction was obtained in either hot or cold acid, and this together with the hard shiny appearance of the rock suggests silification of either dolomite or limestone. Some free massive quartz occurs. Calcite, less that 5 percent, white soft. Note: The gypsum so abundant and in the previous sample has all but disappeared.
3750 - 3760	As above. A slight increase in the percentage of free quartz has occurred while a trace of chert and shale (probably cavings) are present. Limestone, a few chips only. (see below).
3760 - 3765	Limestone, dark brown, micro-crystalline, dense, in hydrochloric acid generally no residue remains although the acids are discoloured or covered with a slight scum. Also limestone, light brown coarsely crystalline, resilicified fragmental (?), dense. Also as above 10 percent. Note: Minor amounts of varied coloured chert occur in every sample. In a re-examination of earlier samples two fossil types were detected. One, apparently a colonial coral type is associated with the light brown coarser limestone while the other, and only one found, was associated with the dark micro-crystalline limestone and was too fragmentary to identify. Possibly a brachiopod.

HOME SIGNAL C.S.P. [illegible] NO. 2

SAMPLE DESCRIPTION

Interval	Description
3765 - 3770	Limestone, dark brown, micro-crystalline, blocky, dense. In hydrochloric acid a fine dark residue remains. Also limestone, light brown, coarsely crystalline, clean, blocky dense. This limestone has an occasional coral remains associated. Fine quartz crystals in a pyrobituminous matrix, less than 10 percent, inert in hydrochloric acid, has good inter-crystalline and vuggy porosity. Some chips, especially isolated clusters of quartz crystals are oil-stained and give a faint glow under ultraviolet light. Free quartz and calcite, a trace only. Very rare black chips of resilicified limestone occur.
3770 - 3775	As above. The fine crystalline quartz in the pyrobituminous matrix has increased to 20 percent of the sample.
3775 - 3800	Limestone, dark brown to black, micro-crystalline, chunky to blocky, in hydrochloric acid leaves a fine black residue, dense. A trace of light brown limestone, free massive quartz and calcite. Occasional calcite veining occurs. Trace of soft black shale suggests the presence of stylolites.
3800 - 3815	Limestone (1) Dark brown to black micro-crystalline, slightly argillaceous, possible pyrobituminous, generally dense but with rare micro-vugs. (2) Light to medium brown fragmental micro-crystalline, fossiliferous (coralline) dense. Quartz, clear crystalline fairly large as a drusy lining to black limestone as above. Also very fine crystalline quartz crystals bonded by a pyrobituminous matrix. Porosity is good and a slight staining gives some fluorescence under ultraviolet light. Calcite, a trace. Note: Evidence indicated that some fracturing has occurred in this interval. On drying the samples some fumes with a slight pungent odour were given off.

BOMB SIGNAL C.S.P. CELIESTA NO. 2

SAMPLE DESCRIPTION

Interval	Description
3815 - 3838	Limestone (1) 80% dark brown to black micro-crystalline, argillaceous, pyrobituminous, hard, blocky, dense, has infrequent pelecypoda fragments? (2) 20% light brown, micro-crystalline to macro-crystalline, in part fragmental and fossiliferous (coralline) in part shiny, clean, dense. Note: The light brown limestone content varies slightly with each sample becoming more prolific with depth, in the interval 3835 - 38, this limestone makes up 30 percent of the sample and appears to be re-worked in addition a trace of macro-quartz crystals with attendant pyrobitumen occurs. Also a trace of brittle black shale remnants of stylolites for sure. At this point drilling was suspended and the magnet run preparatory to cutting a core.

HOME SIGNAL C.S.P. GELIBETA NO. 2

CORE DESCRIPTION

CORE NO. 1 — 3838 - 3869 Cut 31 ft. Recovered 31 ft.

Interval	Description
	Overall Description: Limestone, dark brown crypto-crystalline, dense. On digestion in hydrochloric acid a blackish scum remains in addition to fine black particles which are suspended in the acid. A few small blebs of gypsum infilling occur as well as occasional fine calcite filled hair-line fractures. Fossils which occur throughout, sometimes prolifically, sometimes sparsely, include solitary type hexacoralla and amphipora and colonial corals, possibly stromatoporoidea as well as some gastropods. Numerous stylolites with brittle black pyrobituminous shales associated, are present.
	Note: The description below is based primarily on the presence or absence and type of fossils since the rock type as outlined above is constant throughout.
3838 - 3840 (2.0')	Limestone, dark brown crypto-crystalline, dense with numerous amphiporoids and some hexacoralla. Well developed stylolites occur at the top and bottom of the interval with several minor stylolites throughout.
3840 - 3852 (12.0')	Limestone, dark brown, crypto-crystalline, dense with frequent stylolites throughout, sparsely fossiliferous but with local concentrations of amphiporoids, slight calcite veining, some stylolites.
3852 - 3859 (7.6')	Limestone, dark brown crypto-crystalline, dense with prolific quantities of amphiporoids interspersed spasmodically with dense stromatoporoid colonies (which have the appearance of having been transported a short distance) and occasional gastropods. Hexacoralla are present.
3859.6 - 3862.8 (3.2')	Limestone, dark brown crypto-crystalline, dense with the dominant fossil being small to medium sized stromatoporoid colonies and occasional amphiporoids, gastropods and hexacoralla.
3863.8 - 3869 (6.2')	Limestone, dark brown crypto-crystalline, dense with a paucity of fossils at the top and base of the interval but with local concentrations of stromatoporoid, amphiporoids solitary hexacoralla and gastropods. Some stylolites and calcite veining are present.

HOME SIGNAL C.S.P. COLLETA NO. 2

CORE DESCRIPTION

CORE NO. 2 3869 - 3900 Cut 31' Recovered 31'

Interval	Description
3869.0 - 3878.0 (9.0')	Limestone, dark brown crypto-crystalline, dense, generally sparsely fossiliferous to devoid of fossils, but with some local concentrations. Fossils include solitary amphiporoids, hexacorallia, gastropodon, and colonial stromatoporoids. Stylolites with associated black pyrobituminous shale occur infrequently throughout, although a well developed one occurs at 3870. Hairline fractures, infilled with calcite occur at the top of the section and pinpoints of calcite occur irregularly. In acid a black scum remains on the surface and fine black particles remain suspended in the fluid.
3878.0 - 3883.2 (5.2')	Limestone, as above but with a considerable increase in the fossil content especially amphiporoids. A large calcite vein occurs at 3883'.
3883.2 - 3889.1 (5.9)	Primarily medium to coarse grained, highly angular, poorly sorted white dolomite grains with intergranular pyrobituminous infillings. Limestone and fossils are absent from this section. A large calcite vein occurs at 3884', and numerous medium sized calcite veins occur regularly throughout. Minor amounts of organic and vuggy porosity (some vugs with a drusy lining) occur irregularly and infrequently throughout. No fluorescence was recorded under ultraviolet light. A cleavage plane with some pyrites occurs at 3887', and a smaller cleavage plane occurs at 3888'. Whereas the pyrobitumen is generally present as an infilling medium for the dolomite grains, occasional concentrations of pyrobitumen do occur. The section is sparsely stylolitic. In some cases a hard quartz residue remains in HCl as well as a pyrobitumen residue.
3889.1 - 3890.5 (1.4')	A transition zone between the dolomite and the limestone with a small zone of re-worked and recemented dolomite grains and lenticular crystals at the top. Considerable calcite infilling has occurred and the section is slightly stylolitic and fossiliferous.

HOME SIGNAL C.S.P. CELIBETA NO. 2

CORE DESCRIPTION

CORE NO. 2 (continued)

Interval	Description
3890.5 - 3900.0 (9.5')	Limestone, dark brown, crypto-crystalline dense, sparsely fossiliferous and stylolitic with some hairline calcite veining, very similar to 3869.0 - 3879.0.
	Overall Description: Core No. 2 was in most respects similar to number one. A dark brown crypto-crystalline fossiliferous dense pyrobituminous limestone except for a 6 ft. section (from 3883 - 89) of white highly angular dolomite grains with pyrobitumen infilling. Associated with the dolomite is considerable calcite veining and infilling. Some minor amounts of vuggy porosity occur in this section.
CORE NO. 3	3900 - 3930 Cut 30' Recovered 30'
3900.0 - 3900.8 (0.8')	Limestone, dark brown to black, pyrobituminous, crypto-crystalline, with light brown solitary amphiporoids, and some brachiopods; has pinpoint calcite infillings. The section ends with a small stylolite.
3900.8 - 3901.7 (0.9')	Limestone, dark brown, crypto-crystalline, pyrobituminous, dense and virtually devoid of fossils except for a few brachiopods. A fine but well defined calcite vein extends over most of the section.
3901.7 - 3903.1 (1.4')	Limestone, dark brown, crypto-crystalline, amphiporal, dense, with a series of transverse stylolites, and associated pyrobitumen and bituminous shale.
3903.1 - 3904.3 (1.2')	Pyrobituminous limestone, dark brown to black, crypto-crystalline, with considerable dolomitic infilling of numerous small fractures, (note- does not appear to be dolomitic replacement of fossils). A small zone at the top has the appearance of limestone having been transported, and then recemented by dolomite. Some calcite is present; microvugular and pinpoint porosity occurs in infinitesimal amounts.
3904.3 - 3905.5 (1.2')	Limestone, dark brown, pyrobituminous, crypto-crystalline with light brown amphiporoids throughout, and a small stromatoporoid colony near the base. The section begins and ends with a series of transverse stylolites and associated pyrobitumen, or bituminous shale.

HOME SIGNAL C.S.P. COLIBETA NO. 2

CORE DESCRIPTION

CORE NO. 3 (continued)

Interval	Description
3905.3 - 3910.4 (5.6')	Limestone, dark brown, crypto-crystalline, dense, with traces of calcite infilling, and almost devoid of fossils, except for a few brachiopods and amphiporoids. A transverse series of pyrobituminous lined stylolites occur at 3908' and a pyrobituminous concentration occurs just above the base of the section.
3910.4 - 3916.0 (5.6')	Cyclic bands of amphiporal limestone and dense, dark brown crystalline limestone, minor amounts of calcite are present with a large bleb midsection. A few corals and brachiopods occur, and small stylolites with pyrobitumen appear throughout, the section ending with a series of transverse stylolites.
3916.0 - 3921.3 (5.3')	Limestone, medium brown, crypto-crystalline very slightly pyrobituminous, dense, is characteristically devoid of fossils. A concentrated band of amphiporoids occur at 3917', also a few solitary amphipora and brachiopods. Small calcite blebs are present in addition to fine hairline calcite veins. There is a dot of pyrites midsection; stylolites with associated pyrobitumen or bituminous shale occur throughout.
3921.3 - 3930.0 (8.7')	Limestone, dark brown to black, fairly pyrobituminous; pyrobituminous stylolites occur irregularly throughout, and hairline calcite veins are prominant. There is a paucity of fossils with only occasional brachiopods and amphiporoids. At 3927' a small dark section occurs, below which is a small coral zone with slight pyritisation. Longitudinal calcite veins bisect both the dark zone and the coral zone. Large calcite blebs occur at 3927.5' and 3929.5'.

Overall Description:
Core No. 3 is a dense dark brown crypto-crystalline limestone devoid of fossils except for small bands of amphiporoids and the presence of brachiopods spread sparsely through most of the core. A one foot section from 3903 - 3904 appears to be a fracture zone infilled by dolomite. Two large calcite blebs occur near the base of the section while several small hairline calcite veins occur throughout. A small coral zone occurs at 3927'.

HOME SIGNAL C.S.P. CELIBETA NO. 2

CORE DESCRIPTION

CORE NO. 4 — 3930 - 3961 Cut 31' Recovered 31'

Interval	Description
3930.0 - 3937.5 (7.5')	Limestone, medium brown crypto-crystalline, virtually non fossiliferous, dense with small black pyrobituminous interbeds midsection, the bedding being parallel to the short axis of the core. Numerous small stylolites both longitudinal and transverse, in part pyrobituminous, occur throughout. The section is criss-crossed with fine calcite veining, with two major longitudinal veins. In all cases the calcite veining is post stylolitic. At 3931.4 - 3932', two pyrobituminous, transverse stylolites are cut by longitudinal calcite veining. At the point of intersection of the calcite and stylolites, slight displacement of the calcite has taken place. Slight pyritization, especially in conjunction with well developed stylolites at the base of the section has occurred.
3937.5 - 3938.1 (0.6')	Limestone, medium brown, crypto-crystalline, non-fossiliferous, dense, as above. A finger of highly angular dolomite grains in a pyrobituminous matrix extends over the section and both the limestone and granular dolomite are truncated by a waxy pyrobituminous stylolite. A thin, clean dolomite buffer separates the granular dolomite and the limestone, and this also is severed by the stylolite. Note: There is little doubt that this granular dolomite is of similar origin as that in Core No. 2, but in this case the pyrobitumen matrix is the dominant feature as opposed to its subservient role in Core No. 2.
3981.1 - 3938.2 (0.1')	Coarse grained pyrobituminous dense dolomite as above, sandwiched between two stylolites. Slight calcite infilling has occurred.
3938.2 - 3938.5	Fine grained pyrobituminous dolomite slightly darker than above. The section terminates against a well defined calcite lens. Note: A calcite vein cuts vertically across the three small zones above.
3938.5 - 3938.7 (0.2')	Fine to medium grained dolomite with a pyrobituminous matrix, bounded top and bottom by a calcite lenses.

HOME SIGNAL C.S.P. CALIMETA NO. 2

CORE DESCRIPTION

CORE NO. 4 (continued)

Interval	Description
3938.7 - 3939.4 (0.7')	Fine to medium grained highly angular dolomite grains in an intergranular pyrobituminous matrix, abutting longitudinally against a light brown crypto-crystalline limestone. There is no well defined line of demarcation between the two types. Three stylolites with black pyrobituminous shale occur in this section.
3939.4 - 3940.0 (0.6')	This section is divided along the long axis of the core into two equal parts. (a) White massive calcite. (b) Fine to medium grained angular dolomite with a pyrobituminous, intergranular matrix and several oval shaped corals with a central core of granular dolomite, (corals not previously seen in this core).
3940.0 - 3942.4 (2.4')	Primarily massive white calcite with occasional traces of pyrobitumen. From 3941.4 to 3941.9, some granular dolomite in a pyrobituminous matrix and a thin band of pyrobitumen are incorporated in the calcite, their boundary being sharply demarcated.
3942.4 - 3942.7 (0.3')	In part calcite with a sharp division along the long axis, one upper quarter being dark limestone with lighter limestone blebs (oval shaped) incorporated. The limestone is surrounded by a halo of granular dolomite which continues into the bottom half and is mixed indiscriminately with the calcite. At the base of the limestone is a black pyrobituminous shale.
3942.7 - 3943.5 (0.8')	A finger of limestone reaches up from 3943.5 - 3942.7 and abuts against the calcite which peters out at 3943.5.
3943.5 - 3945.5	Limestone, dark brown, crypto-crystalline, pyrobituminous virtually devoid of fossils, has slight calcite veining plus a few small blebs of calcite, dense. Three small stylolites occur at the base of the section which is terminated by a stylolite.

HOME SIGNAL C.S.P. CELIBETA NO. 2

CORE DESCRIPTION

CORE NO. 4 (continued)

Interval	Description
3945.5 - 3948.1 (2.6')	At the top of the section two thin horns of calcite protrude upwards to be truncated by the stylolite above. The core is divided along the long axis into (a) Calcite (b) Dark brown limestone as above. The limestone is broken by numerous small fractures and stylolites all of which end abruptly at the calcite. At 3947.4 a 0.8' lens of granular dolomite (as above) appears, being piratical at the expense of the calcite. The limestone is separated from the dolomite by a wedge of calcite. The section ends with a pyrobituminous stylolite.
3948.1 - 3948.6	A disturbed granular dolomite zone with calcite intermingled. A small lens of this dolomite with a central calcite bleb is delineated by a pyrobituminous halo. The section ends with a stylolite.
3948.6 - 3950.5	Limestone, dark brown, crypto-crystalline dense. A longitudinal stylolite bisects the section. At the top of the section is 0.4' lens of granular dolomite separated from the limestone by a calcite wedge which continues as two thin veins to the base of the section, one vein being punctured regularly by the longitudinal stylolite. The basal 0.5' has numerous transverse stylolites with pyrobitumen which have white specks incorporated.
3950.5 - 3959.4 (8.9')	Limestone, medium brown crypto-crystalline, dense, non fossiliferous with some pinpoint calcite crystals, some minor calcite veining and stylolites. Towards the base, specks of granular dolomite infilling appear, is not pyrobituminous.
3959.5 - 3960.4 (0.9')	Limestone, dark brown crypto-crystalline, dense, pyrobituminous with some amphiporoids and several small stromatoporoid colonies.
3960.4 - 3961.0 (0.6')	Limestone, medium to dark brown, crypto-crystalline in part pyrobituminous, dense. Is bisected longitudinally by a stylolite, has some slight calcite veining, is non fossiliferous and has a zone of calcite blebs mid-section.

HOME SIGNAL C.S.P. CELIBETA NO. 2

CORE DESCRIPTION

CORE NO. 4 (continued)

Interval	Description
	General Summation: The most important feature of this core is the massive calcite which first appears at 3938'. This calcite, coupled with the sharply truncated limestone blocks, isolated granular wedges and disturbed zones indicates a fault zone. Dark brown pyrobituminous, dense limestone, criss-crossed by calcite veining runs from 3930 - 3938 with some granular dolomite at the base. From 3948 to the base is a medium brown, crypto-crystalline, dense limestone with a small fossil band at 3960.
CORE NO. 5	3961 - 3992 Cut 31' Recovered 31'
3961.0 - 3962.5 (1.5')	Limestone, medium to dark brown, crypto-crystalline, pyrobituminous, non fossiliferous, dense. Some calcite veining occurs, the section tapering to an end in a criss-cross pattern of veins. A larger calcite vein at 3961 has some slight horizontal displacement.
3962.5 - 3962.9 (0.4')	Dolomite, white, medium to coarse grained, angular in a pyrobituminous matrix. The section tapers upwards towards the limestone above and is separated from it by a calcite wedge. The section ends with a stylolite.
3962.9 - 3963.1 (0.2')	Dolomite, as above, severely disrupted by numerous fine pyrobituminous stylolites and some slight calcite veining.
3963.1 - 3965.1 (2.0')	A calcite zone, in part white massive calcite, which begins at the top of the section as a thin taper, expanding to over 50 percent of the core mid-section and ending abruptly against granular dolomite at the base; in part granular dolomite and in part limestone, dark brown, crypto-crystalline, dense. The granular dolomite is sandwiched between the calcite and the limestone, and has several minor pinchouts. At the base an inclined transverse calcite vein cuts the dolomite and calcite, the dolomite showing slight vertical displacement. The calcite is slightly cleaved.

HOME SIGNAL C.S.P. CELESTA NO. 2

CORE DESCRIPTION

CORE NO. 5 (continued)

Interval	Description
3965.1 - 3966.6 (1.5')	Dolomite white, granular, angular, in a pyrobituminous matrix with some vertical calcite veining and calcite lenses.
3966.6 - 3967.8 (1.8')	Granular dolomite, pyrobituminous limestone and calcite slightly fossiliferous in a disturbed zone. The section ends with a transverse enclosed stylolite.
3967.8 - 3973.2 (5.5')	Limestone, dark brown, crypto-crystalline, non fossiliferous, dense with a few pyrobituminous stylolites throughout.
3973.3 - 3974.7 (1.4')	A slightly fossiliferous limestone zone severely disrupted by transverse fractures infilling with pyrobitumen. The fossils include amphiporoids and stromatoporoiden. The stromatoporoid colonies being rounded to sub-angular due apparently to having been transported.
3947.7 - 3978.5 (3.8')	Limestone as for 3967.8 - 3973.3.
3978.5 - 3980.3 (1.8')	Dense amphiporal limestone, the amphiporoids lying horizontal to the short axis of the core.
3980.3 - 3982.2 (2.0')	Limestone, dark brown, crypto-crystalline, dense, pyrobituminous, virtually non fossiliferous, broken throughout by small fractures and stylolites.
3982.3 - 3982.8 (0.5')	Limestone, as above, severely disturbed with minor bands of amphiporoids and some stylolites.
3982.8 - 3983.2 (0.4')	Shale, olive grey, non calcareous, medium soft, dense. A small pyrite lens occurs at 3983'.
3983.2 - 3983.7 (0.5')	Limestone, as for 3967.8 - 3973.3 with some stylolites at the top of the section.
3983.7 - 3984.2 (1.5')	Dense, amphiporal limestone as for 3978.5 - 3980.3. Some round fragments of stromatoporoid colonies are present.

HOME SIGNAL C.S.P. CALIBETA NO. 2

CORE DESCRIPTION

CORE NO. 5 (continued)

Interval	Description
3984.2 - 3987.0 (2.8')	Limestone as for 3967.8 - 3973.3.
3987.0 - 3989.3	Limestone, dark brown, crypto-crystalline, pyrobituminous dense with some amphiporal bands. At the base is a disturbed zone of stromatoporoid colonies. Is stylolitic.
3989.3 - 3992.0 (2.7')	Limestone, dark brown crypto-crystalline pyrobituminous dense (as above). Has some stylolites throughout.
	Overall Description: That the last two cores have penetrated a fractured zone is certain. Core No. 5, overall, is a limestone except for 2' of calcite from 3963 - 65 and 3' of granular dolomite associated with limestone below it. Zones of amphiporoids and stromatoporoids occur and these reflect the disturbed nature of rock. Numerous belts of fine stylolites occur.
CORE NO. 6	3992 - 4023 Cut 31' Recovered 31'
3992.0 - 4000.1 (8.1')	Limestone, medium to light brown, crypto-crystalline, dense. On digestion in hydrochloric acid an unstable, dark brown, argillaceous framework and some light brown gelatinous type material remains. Minor amounts of a brownish scum floated on the surface. The section is in part intricately meshed by fine fractures. At 3998' there is a thin grey black limestone band.
4000.1 - 4001.2 (1.1')	Limestone, medium to dark brown, non fossiliferous, crypto-crystalline, dense, which forms a bonding material for stromatoporoid fragments. Some slickensiding has occurred. At midsection is a 0.2' band of black, pyrobituminous, non fossiliferous, dense limestone. The section is slightly stylolitic
4001.2 - 4002.1	Mudstone, a pocket of olive grey, non calcareous, smooth, waxy, mudstone with limestone blocks. (as above) The mudstone, no doubt is infilling for a fracture.

CORE DESCRIPTION

CORE NO. 6 (continued)

Interval	Description
4002.1 - 4004.0 (1.9')	Limestone, medium brown, crypto-crystalline, clean, smooth, dense with slight calcitic veining and occasional calcite specks. Blebs of green grey waxy shale occur midsection
4004.0 - 4009.2 (5.2')	Limestone, light brown, smooth dense, of organic origin with stromatoporoid fragments and bands, and also unidentified micro-organisms in part elliptical, in part circular in shape. The section ends with a slickensided stylolite.
4009.2' - 4013.3 (4.1')	Limestone, a dark brown matrix with lighter brown coarse organic grains. Bands of stromatoporoid fragments occur irregularly throughout. This section appears to be in part bedded as opposed to the stromatoporoid section which was deposited haphazardly. Is slightly stylolitic.
4013.3 - 4015.4 (2.1')	Limestone, black, with medium grained, light brown, rounded to sub-angular grains, organic in origin. The matrix appears to be a highly pyrobituminous limestone. A few minor bands of organic matter occur throughout. Is slightly stylolitic.
4015.4 - 4020.5 (5.1')	Limestone, light brown, in part crypto-crystalline, smooth, clean, dense with some calcitic crystal blebs; in part organic, dense, with a disturbed zone midsection which is fractured and infilled with pyrobituminous lenses of olive-green grey, waxy smooth shale.
4020.5 - 4021.3 (0.8')	Pyritic limestone. The limestone is medium grained, sub-angular, slightly silty, and is contained in a pyritic matrix. The section is separated from the one above by a thin band of black pyrobituminous shale which is heavily slickensided.

Top of Watt Mountain Formation 4021'

HOME SIGNAL C.S.P. CHLIBETA NO. 2

CORE DESCRIPTION

CORE NO. 6 (continued)

Interval	Description
4021.3 - 4022.5 (1.2')	Shale, light grey, smooth, waxy with some massive and some finely disseminated pyrites throughout. Has bedding planes inclined from 0 to 45° to the short axis of the core and is moderately slickensided. Note: Although rock type described as shale it closely resembles a mudstone. Top of Elk Point 4023'
4022.5 - 4023.0 (0.5')	Limestone, medium brown, crypto-crystalline slightly pyrobituminous, dense with traces of organic material.

Overall Description

Core No. 6 is primarily a dense, medium brown, crypto-crystalline, limestone, in part organic with an interesting fragmental, stromatoporoid zone with the stromatoporoids bonded by a limestone matrix from 4000-4001' and a pyrobituminous, medium grained, limestone zone from 4013 - 4015'. A fractured zone from 4001 - 4002' is infilled with a green-grey mudstone. At 4020' is a 0.8' section of heavily pyritosed granular limestone with a slickensided pyrobituminous shale band at the top. This pyritic limestone leads directly to a green-grey bedded shale (mudstone) section below, which contains pyrites. The core ends with a crypto-crystalline limestone and at the contact of the limestone and shale is a wafer of pyrites.

CORE NO. 7 — 4023 - 4054 Cut 31' Recovered 31'

4023.0 - 4029.8 (6.8')	Limestone, organic fragmental, dense. The organic remnants, primarily stromatoporoids, (with a coral near the top of the section) are cemented in a crypto-crystalline, pyrobituminous matrix. The stromatoporoids consist of large and small chunks and smaller coarse grains but whether large or small the organic remnants are nearly always angular. Some of the fragments are fractured, these being healed by pyrobitumen. The section is very slightly pyritic and some calcite crystal blebs occur.

CORE DESCRIPTION

CORE NO. 7 (continued)

Interval	Description
4023.0 - 4029.8 continued	From 4027 - 4028' is a band of dense, very sparsely fossiliferous, (amphiporoids when present) medium brown, smooth, crypto-crystalline limestone. A vertical fracture plane exposes part of the core and several cleavage breaks (actually breaks along the line of least resistance) occur. The basal foot of the section is cracked by a vertical fracture which has several minor horizontal subsidiaries. The section ends with a stylolite.
4029.8 - 4030.4 (0.3')	Limestone, medium brown, crypto-crystalline, in part slightly pyrobituminous, dense. The section begins and ends with a pyrobituminous stylolites.
4030.4 - 4031.0 (0.9')	Limestone, sparsely organic fragmental at the top, increasing with depth, in a dark brown crypto-crystalline matrix; slightly pyrobituminous and dense. The organic remains are stromatoporoids and amphiporoids, the horizontal attitude of the amphiporoids being quite evident at the base of the section. A moderately large inverted sickle shaped calcite infilling occurs near the top of the section and a half moon shaped infilling occurs midsection. The lower horizon of the section ends abruptly with some of the fossil remains being truncated. Is slightly pyritic.
4031.0 - 4031.3 (0.3')	Limestone, black, pyrobituminous, dense, with light brown, angular, organic remains incorporated. Is stylolitic midsection.
4031.3 - 4031.8 (0.5')	Limestone, light brown, crypto-crystalline, smooth, dense, with minor hairline fractures coated with pyrobitumen. One larger fracture is infilled with calcite.
4031.8 - 4033.7 (1.9')	Limestone, organic fragmental (stromatoporoidal), similar to the interval 4023 - 4029.8. If anything, the matrix is slightly darker than above. The section ends with a stylolite.

HOME SIGNAL C.S.P. CALIBETA NO. 2

CORE DESCRIPTION

CORE NO. 7 (continued)

Interval	Description
4033.7 - 4035.8 (2.1)	Limestone, black, pyrobituminous, dense with light brown, angular, coarse grained organic remains incorporated. Minor parallel fracturing of the organic (stromatoporoid) remains has occurred. The rock, unlike that above, has a bedded appearance. Is stylolitic.
4035.8 - 4037.2 (1.4)	Limestone, organic fragmental, dark brown to black pyrobituminous, dense with some light brown, angular organic matter (mainly angular stromatoporoid remains) and isolated, well preserved amphiporoids in a horizontal altitude, the central canals being infilled, in part, with calcite. A small cleavage plane commences at the base.
4037.2 - 4039.4 (2.2')	Limestone, as for 4033.7 - 4035.8.
4039.4 - 4039.9 (0.5')	Limestone, dense, amphiporoids, with the organic material set in a slightly pyrobituminous, crypto-crystalline matrix. The central canals of the amphiporoids are clearly evident (but infilled). The section ends with a well defined coral band.
4039.9 - 4040.5 (0.6')	Limestone, black pyrobituminous, dense with light brown organic remains incorporated. A small calcite healed fracture bisects the section. Is sparsely fossiliferous at the top.
4040.5 - 4042.4 (1.9')	Limestone, as for 4023.0 - 4029.8'. An irregular calcite vein divides the middle portion and suggests a small zone of faulting. Some amphiporoids occur throughout. Is stylolitic.
4042.4 - 4049.7 (7.3')	Limestone, black, micro-crystalline, slightly pyrobituminous with light brown, angular, organic remains incorporated. Local fossil concentrations are infrequent. From 4044 - 4045' there is a suggestion of horizontal bedding in stromatoporoid colonies. Some stylolites occur.

HOME SIGNAL C.S.P. CALIBETA NO. 2

CORE DESCRIPTION

CORE NO. 7 (continued)

Interval	Description
4049.7 - 4049.9 (0.2')	Amphiporal limestone.
4049.9 - 4051.1 (1.2')	Limestone, black, crypto-crystalline, pyrobituminous, dense with light brown, angular, organic remains incorporated. Stylolites are well defined but infrequent. Minor calcite healed fractures occur throughout.
4051.1 - 4053.4 (2.3')	Amphiporal fragments set in a pyrobituminous, crypto-crystalline, dense, matrix. The amphiporoids are horizontal and decrease with depth, the basal part of the section consisting of cyclic band of amphiporoids and a coarse grained organic fragmental limestone.
4053.4 - 4054.0 (0.6')	Limestone, composed of fine to medium grained organic fragments in a smooth crypto-crystalline, light brown matrix. The section is bisected by two calcite veins.
	Overall Description: The core is, in toto, an organic fragmental limestone. The organic content varies from fairly large stromatoporoid blocks at the top of the core to amphiporal limestone, to crypto-crystalline, pyrobituminous limestone carrying coarse to medium grained angular organic fragments, the core ending with this type of rock.
CORE NO. 8	4054 - 4085 Cut 31' Recovered 31'
4054.0 - 4056.8 (2.8')	Limestone, composed of moderate amounts of fine to medium grained organic, angular fragments in a smooth crypto-crystalline matrix. Has two calcite veins top section, and numerous parallel micro-fractures. The section contains occasional larger blocks of organic matter and has a stylolite midsection.
4056.8 - 4072.7 (15.9')	Limestone, organic fragmental, dense, with stromatoporoids, amphiporoids and some corals contained in a black, pyrobituminous, crypto-crystalline, matrix. In addition to the macrofossil fragments, angular microfossil remains also are present. The fragments are angular to sub-round. Is sparsely stylolitic. The contact between this section and the lower section, inclined at 60°, and is quite abrupt. Has a'brecciated'appearance.

CORE DESCRIPTION

CORE NO. 8 (continued)

Interval	Description
4072.7 - 4074.4 (1.7')	Limestone, black, crypto-crystalline, dense. A waxy stylolite infilled with calcite and pyrobitumen occurs at the base of the section.
4074.4 - 4075.9 (1.5')	Limestone, organic fragmental, containing a fossil assemblage of pelecypods not hitherto encountered. The matrix is dark brown to black, pyrobituminous limestone. A large stromatoporoid colony occurs midsection. The section ends with a slickensided stylolite.
4075.9 - 4080.1 (4.2')	Limestone, medium grained, angular, organic fragmental in a pyrobituminous limestone matrix. Also some light brown, organic limestone with organic porosity infilled with calcite. A heavily slickensided stylolite occurs midsection.
4080.1 - 4080.4 (0.3')	Limestone as for 4056.8 - 4072.7. The top of the section angles at 45° and has associated pyrobitumen while at the base is a slickensided stylolite with a thin band of pyrobituminous shale associated.
4080.4 - 4085.0 (4.6')	Limestone as for 4075.9 - 4080.1, with bands of stromatoporoid(?) angled at 45° frequently throughout the core. The basal portion of the core is fractured and cleaved with some calcite infilling which itself has been fractured.
CORE NO. 9	4085 - 4115 Cut 30' Recovered 30'
4085.0 - 4089.5 (4.5')	Limestone, medium brown, organic fragment in a black, crypto-crystalline, pyrobituminous matrix, dense. From 4086.1 - 4086.9' (0.2') is an organic fragmental band, bedded at 45°, and bounded top and bottom by 45° faults, the top fault being lined by calcite and pyrobituminous shale and heavily slickensided and from 4088 - 4088.3' there is a series of minor parallel faults, slickensided and fractured and inclined at 45° and lined with pyrobitumen.

HOME SIGNAL C.S.P. CELIBETA NO. 2

CORE DESCRIPTION

CORE NO. 9 (continued)

Interval	Description
4089.5 - 4091.0 (1.5')	Limestone, organic fragmental, commencing and ending with bands of amphiporoids and pelecypoda with stromatoporoid fragments between and set in a crypto-crystalline, pyrobituminous, matrix. Is slightly stylolitic and dense.
4091.0 - 4091.7 (0.7')	Limestone, dirty black brown, pyrobituminous crypto-crystalline, dense with organic fragments incorporated.
4091.7 - 4108.0	Limestone, organic fragmental, dense, primarily stromatoporoid fragments, round to sub-round- rarely angular- with some amphiporoids, contained. Has a brecciated appearance. The lower contact is abrupt with truncated fossils and some pyrobitumen. A calcite infilling cuts across the core midsection.
4108.0 - 4115.0	Limestone, dark brown to black, crypto-crystalline, with minor amounts of organic material pyrobituminous dense with a band of amphiporoids at 4113.5' and some occasional stromatoporoid colonies. Is bisected by calcite veins midsection.

[illegible] U.S.A. ELIPTA No. 2

CORING TIME RECORD

Core No.	Depth From	Depth To	Elapsed Time Minutes	Remarks
1	3838	3839	26	3000# 775 P.S.I. - 60 R.P.M.
		40	19	5000# 775 P.S.I. - 60 R.P.M.
		41	20	
		42	19	
		43	20	5000# 775 P.S.I. - 60 R.P.M.
		44	22	
		45	24	23 Lost
		46	25	52 R.P.M. 775 P.S.I.
		47	23	
		48	23	
		49	20	5000# 775 P.S.I.
		3850	30	52 R.P.M.S.
		51	21	
		52	27	5000# 775 P.S.I.
		53	22	
		54	20	
		55	33	
		56	26	
		57	26	
		58	26	
		59	25	
		3860	23	
		61	20	Connection 12 Mins.
		62	22	
		63	21	21 S.P.M.
		64	19	5000#
		65	19	52 R.P.M.
		66	28	850 P.S.I.
		67	24	
		68		
2	3869	3870	80	
		71	24	
		72	20	
		73	21	
		74	24	
		75	23	
		76	24	
		77	24	
		78	27	
		79	24	
		3880	23	
		81	24	
		82	26	
		83	23	
		84	19	
		85	15	

HOME OIL "A" C.A.P. WELL #1 NO. 2

CORING TIME RECORD

Core No.	Depth From	To	Elapsed Time Minutes	Remarks
2 Cont'd	3886	-	15	
		3887	14	
		88	14	
		89	17	
		3890	12	
		91	32	Connection 7 Min.
		92	27	
		93	27	
		94	36	
		95	36	
		96	36	
		97	42	
		98	33	
		99	35	
		3900	30	Cut 31', Rec. 31', 5000# 1000 P.S.I. - 8 R.P.M. 21 S.T.R.M.
3	3900	- 3901	23	5000#
		2	24	1000 P.S.I.
		3	24	59 R.P.M.
		4	19	21 S.P.M.
		5	32	
		6	29	
		7	27	
		8	30	
		9	27	
		3910	28	
		11	30	
		12	27	
		13	20	5000#
		14	27	1000 P.S.I.
		15	27	59 R.P.M.
		16	30	21 S.P.M.
		17	26	
		18	27	
		19	28	
		3920	28	
		21	39	Con. 10 Lost
		22	25	
		23	23	
		24	22	
		25	28	5000#
		26	26	950 P.S.I.
		27	28	59 R.P.M.
		28	24	21 S.P.M.
		29	26	
		3930	25	1950 in on Kelly Cut 30', Rec. 30'

HOLE SPECIAL C.S.P. SPLIT TA NO. 2

CORING TIME RECORD

Core No.	Depth From	To	Elapsed Time Minutes	Remarks
4	3930	3931	36	4000#
		32	27	950 P.S.I.
		33	33	59 R.P.M.
		34	20	21 S.P.M.
		35	30	
		36	30	
		37	30	
		38	24	
		39	18	
		3940	22	
		41	18	
		42	17	
		43	22	
		44	22	
		45	26	
		46	24	
		47	24	
		48	25	
		49	18	
		3950	25	
		51	63	23 Min. Comn. & Cleaning back to bottom
		52	37	
		53	34	
		54	32	
		55	34	
		56	32	
		57	28	
		58	29	
		59	28	
		3960	27	
		61	27	Cut 31', Rec. 31', 6000# 900 P.S.I. 59 R.P.M. 21 S.P.M.
5	3961	- 3962	28	5000#
		63	26	58 R.P.M.
		64	30	21 S.P.M.
		65	32	P.S.I. 950
		66	32	
		67	31	
		68	27	
		69	41	

CORING TIME RECORD

Core No.	Depth From	To	Elapsed Time Minutes	Remarks
5 Cont'd	3960	3970	39	
		71	34	
		72	38	
		73	42	5000#
		74	40	58 R.P.M.
		75	38	5 P.M. 21
		76	45	P.S.I. 950
		77	86	43 Min. lost comm. & Clean
		78	47	to bottom rig service
		79	36	
		3980	37	5000#
		81	40	58 R.P.M.
		82	35	5 P.M. 21
		83	38	P.S.I. 950
		84	37	
		85	36	
		86	36	
		87	35	
		88	40	
		89	35	
		3990	31	
		91	38	Cut 31', Rec. 31'
6	3992	3993	42	5000#
		94	40	59 R.P.M.
		95	34	P.S.I. 950
		96	32	S.P.M. 21
		97	42	
		98	40	
		99	36	
		4000	30	6000#
		1	35	59 R.P.M.
		2	24	950 P.S.I.
		3	30	21 S.P.M.
		4	30	
		5	32	
		6	36	
		7	32	
		8	46	10 Min. lost time
		9	41	Conn. 8 Min. lost
		4010	30	
		11	27	
		12	30	
		13	30	
		14	21	
		15	36	
		16	28	
		17	26	
		18	24	
		19	27	

HOMCO SIGNAL C.S.P. SPECIMEN NO. 2

CORING TIME RECORD

Core No.	Depth From	To	Elapsed Time Minutes	Remarks
6 Cont'd	4019	- 4020	25	
		21	33	
		22	36	
		23	31	
7		24	30	Out 31', Rec. 31'
		25	27	
		26	30	5000#
		27	22	60 R.P.M.
		28	41	950 P.S.I.
		29	35	22 S.P.M.
		4030	39	
		31	45	
		32	56	
		33	36	
		34	34	
		35	31	
		36	34	
		37	25	
		38	34	
		39	44	
		4040	37	9 - Comm.
		41	30	
		42	33	
		43	29	
		44	29	
		45	26	
		46	26	
		47	25	5000#
		48	27	58 R.P.M.
		49	29	950 P.S.I.
		4050	29	22 S.P.M.
		51	28	
		52	27	
		53	25	
		54	26	
				Out 31', Rec. 31'
8		4055	27	
		56	31	
		57	34	
		58	31	
		59	28	
		4060	27	
		61	27	
		62	27	
		63	25	5000#
		64	25	60 R.P.M.
		65	26	950 P.S.I.
		66	26	22 S.P.M.

HOME OIL C.A.P. PLOT #2

CORING TIME RECORD

Core No.	Depth From	To	Elapsed Time Minutes	Remarks
8 Cont'd	4066	4067	27	
		68	31	
		69	45	Connection Lost 10 Min.
		4070	27	
		71	31	
		72	32	
		73	28	
		74	25	
		75	28	
		76	34	
		77	35	
		78	33	
		79	27	
		4080	35	
		81	30	5000#
		82	27	60 R.P.M.
		83	29	950 P.S.I.
		84	33	22 S.P.M.
		85	38	Cut 31', Rec. 31'
9		4086	27	R.P.M. 60
		87	30	S.P.M. 22
		88	31	P.S.I. 1000
		89	29	T.T. 5000
		4090	28	
		91	30	
		92	31	
		93	28	
		94	26	
		95	24	
		96	27	
		97	27	
		98	27	
		99	27	
		4100	38	Lost time 8 Min. Con.
		1	27	& Service Swivel
		2	30	
		3	27	5000#
		4	27	1000 P.S.I.
		5	23	60 R.P.M.
		6	36	22 S.P.M.
		7	27	
		8	26	
		9	41	
		4110	42	
		11	36	
		12	38	
		13	30	
		14	32	
		15	33	Cut 30', Rec. 30'

HOME OIL COMPANY LIMITED

DRILL STEM TEST REPORT

Name of Test: HOME SIGNAL C.S.P. CELIBETA NO. 2 Test No. One Date: Jan. 19, 1960

Drilling Contractor: Johnston Testers Limited Tester: J. Mohler

Drill Pipe: 4½" E.H. Drill Collars: 2½" 7-3/4 Bobtail Conventional

Interval Tested: 2523 - 2594 Depth Drilled: 2594 Formation: Island River Member

Mud Wt.: 9.7 Vis.: 75 W.L.: 3.6

Packer Set at: 23 Hole Size: 10 Time Packer Set: 11:25 A.M.

Time Tool Opened: 9:55 A.M. Time Tool Closed: 10:55 A.M.

Period Tested: 1 Hour Recovery: ½ Hour ½ Hour 3.4"

H.P.	Initial 1300	Initial 75		680
	Final 1300	Final 205		680

Initial Shut-in: Fair- fair air blow continuing steady for 30 minutes- thereafter decreasing slightly

Sent to Surface: - -

GAS READINGS

Time	Pitot Manometer	Orifice	Gas MCFD	Cum. MCF

PIPE RECOVERY: 300' of slight gas cut drilling mud
100' muddy salty water

Charts indicate formation fluid should be greater than indicated by recovery due to water block and mud block

Was test satisfactory? Yes

Present at test: L. Stafford

Samples of: Drilling mud, Salt water Sent to: C. Siferd, M. Craig

xxxxx Engineer: M. Craig - Geologist

Form G-17

HOME OIL COMPANY LIMITED

DRILL STEM TEST REPORT

Name of Well: HOME SIGNAL C.S.P. CELIBETA NO 2 Two March 17, 1960

Testing Company: Johnston Testers Limited K. Burns

Size of Drill Pipe: 3½" 2 Conventional

Interval Tested: 3765 - 3784 Bridging plug TD 3784 Slave Point

Kind of Test:

Packer:

Tool Opened:

Period: 60 minutes 15 minutes

Initial puff:

Gas to surface:

GAS READINGS

Time	Fluid in Manometer	Displacement	Size	

PIPE RECOVERY

3280' Drilling mud

Was test satisfactory? No, tool opened running into hole

Present at test L. Stafford, B. McConnville (Signal Oil)

Samples of sent to

Engineer

Form G-17

HOME OIL COMPANY LIMITED

DRILL STEM TEST REPORT

HOME SIGNAL C.S.P. CELIBETA NO. 2 Three March 17, 1960

Johnston Testers Limited K. Burns

3½" 2 Conventional

3762 - 84 3784 Slave Point

60 minutes 15 minutes

Weak- dead in 14 minutes

GAS RATE DATA

Time	Flowing Manometer	Orifice	Rate

OIL RECOVERY 20 ft. drilling mud

Was test satisfactory? No- stylus failed to record on chart

Present at test L. Stafford, B. McConnville

Samples of ____ sent to ____ by ____

Engineer M. Murray

Form D-17

HOME SIGNAL C.S.P. CELIBETA NO. 2

Summary of Drill Stem Tests

D.S.T. No. 1

2523 - 2594 (Island River Member)
Valve open- 60 minutes, Initial shut-in- 30 minutes
Final shut-in 30 minutes, 3/4" choke
Fair initial puff, followed by a fair air blow continuing steady for 30 minutes; thereafter decreasing slightly. Rec. 300' slightly gas cut drilling mud and 100' of muddy salt water.

H.P.	Initial 1300	Final	1300
F.P.	Initial 75	Final	205
S.I.P.	Initial 680	Final	680

D.S.T. No. 2

3765 - 3784 (Slave Point)
Valve open- 60 minutes, Final shut-in- 15 minutes
Rec. 3280' drilling mud. Misrun due to tool opening going into hole.

D.S.T. No. 3

3765 - 3784 (Slave Point)
Valve open- 60 minutes, Final shut-in- 15 minutes
Weak initial puff- dead in 14 minutes
Rec. 20' drilling mud. Misrun. Only one recorder run due to hole size. Vibrations caused the stylus to become disengaged resulting in no recordings on chart.

[illegible] WELL REPORT

[illegible] CAUTION

SUMMARY OF WELL DATA

Name of well:	HOME SIGNAL C.S.P. CELIBETA #2
Co-ordinates:	-
Location:	122° 13' 35 25" W 60° 7' 29 31" N
Field:	CELIBETA FIELD N.W.T.
Elevations:	Ground: 1592.35 K. B: 1603.85
	Top Casing Bowl Flange 1591.35
SPUDDED IN:	Date: December 26/59 Time: 4:15 PM
Drilling Completed Date: (Date of last foot of hole made):	March 14, 1960
Production Casing Set (Date):	February 12, 1960
RIG RELEASE DATE:	12:00 Midnight March 26, 1960
Spud In to Prod. Casing Set (Days):	48
Spud In to Rig Release (Days):	92
ABANDONMENT DATE:	-
STATUS: (Oil/Gas or Dry):	Gas
Drilling Contractor:	Brinkerhoff Drilling Rig # 26
Operating Company:	HOME OIL COMPANY LIMITED.

ROUTE TO WELLSITE: (Give directions from nearest main town).

Form E6

140 Miles North East of Fort Nelson, B.C.

SUMMARY OF WELL DATA (Cont'd.)

		Surface Casing	Production Casing	LINER	TUBING
Date Set:	Dec.28/59	Jan 6/60	Feb 12/60	Feb.28/60	Mar.19/60
Size:	13-3/8	9-5/8	7	5"	2-7/8" & 2-3/8"
Weight:	54.5	36#	23#	15	6.5# & 4.7#
Grade:	J55	J 55	N 80	J 55	J 55
Range:	3	2	2	3	2
ST & C or LT & C:	ST & C	ST & C	LT & C	Hydrill	-
Joints:	8	34	116	6	118.7 -
Shoe: (K.B.)	327	1040.10	3712	248.69	3707.33'
Cement:	300 sks. 2% C. Cl	500 Sks. 2% C.Cl	-	60 sks.	

PERFORATIONS: (Depth Intervals & Shots/Foot)

	Depth Interval	Shots/ Foot
	3664 - 3665	4
March 16,1960	3774 - 3784	2 - 2-1/8 Schlumberger Expandable Jet charges 22 gram
March 19,1960	3750 - 3758	2 -
March 21,1960		
ACID JOBS: ([redacted]	3738 - 3750	4 - 1-11/16 Schlumberger expandable.
	3750 - 3758	2 - 1-11/16 Jet charges - 18 gram.

SAND FRAC: (Amount Sand (#)
(Amount Fluid (gals.)

Nil

Well on Production Date: Nil Suspended, April 1st, 1960

Initial Potential: 10 Mmcf/day Beam Size 1/2" Fixed.

Cored Intervals (Size, Method, Recovery Feet): See Geological Section, "Summary of Well Data Page"

Logs Run (Type, Interval & Scale) See Geological Section, "Summary of Well Data Page."

NOTE: (For further details see detailed reports)

E 1 CASING REPORTS

HOME OIL COMPANY LIMITED

CASING REPORT

(A)

Date: December 28, 1959.

GENERAL DATA

13-3/8" O.D Casing.

Well: HOME SIGNAL C.S.P. CELIBETA #2.

K.B. Elevation: - Distance KB to Top Csg. Bowl Flange: 12.50

Full Hole Size 17-1/2 Depth: 828 Rat Hole Size: 12-1/4 Depth 330

Casing in Hole: (Size & Depth:) NIL

B.O.P. Equipment - Will BOP Pack Off On Casing?: -

Mud Conditions Before Running Pipe: Wt: 8.9 #/Gal. Visc: 60

Type of Mud Used (From: To: W. L: F/C:

Proposed Landing Depths: Shoe: 327 Float: 287.86

REMARKS

CASING INFORMATION (Attach casing tally complete with weights, grade, etc.)

Make: National Tube

Grade: J-55

ST & C or LT & C: ST & C

No. of Joints Run in Hole: 8

Length Less Thds: 329.46

Length of Shoe: 1.26

Length of Collar: 1.38

Total Length: 332.10

Pipe Cut Off: -

Overall String Length: -

Distance KB to Csg.Bowl Flange: 12.50

Size O.D: 13-3/8 Wt./Ft: 54.5

Range: 3 Threads: 8Rd.

New or Used: New Supplied By: Home

Shoe: (Make) Halliburton

Shoe: (Type) Guide

Collar: (Make:) Davis Lynch

Collar: (Type:) Float

Centralizers (Make) B & W Halliburton

Centralizers (Type) Latch On

Centralizers (No.) 3

" (Spacing from Shoe): Middle of 1st, Jt, 3rd, Jt. & 5th Joint.

Casing Shoe Depth K.B: 327

Float or Baffle Collar Depth K.B: 287.86

Landing Joint Length: 42.30 Tally No.

Shoe Joint Length: 42.86 Tally No.

Dope (Make & Grade): Kopr Kote

No. of Joints Welded: 2

Power Tongs Used:

Power Tong Torque Used: ft.lbs.

Scratchers (Make): B & W

Scratchers (Type): Multiflex

Scratchers (No.): 1

Scratchers (Spacing from shoe): 8' from shoe.

Depth Measurements for T. D.

Drill Pipe: to T. D.

Casing: to T. D.

E-Log: to T. D. or

R/A Log: to T. D. or

REMARKS as to Depth Measurement Taken:

Other Csg. Auxiliary Equp. Used:

REMARKS:

HOME OIL COMPANY LIMITED

CASING REPORT

(A)

Date: January 6, 1960

GENERAL DATA

Well: 9-5/8" O.D. Casing. HOME SIGNAL C.S.P. CELIBETA # 2.

K.B. Elevation: - Distance KB to Top Csg. Bowl Flange: 12.5

Full Hole Size 12-1/4 Depth: 1045 Rat Hole Size: 8-3/4 Depth 1050

Casing in Hole: (Size & Depth): 13-3/8 - 328'

B.O.P. Equipment D Schaffer Hydril Will BOP Pack Off On Casing?: yes.

Mud Conditions Before Running Pipe: Wt: 9.4 #/Gal. Visc: 87

Type of Mud Used (From: - To: - W. L: - F/C: -

Proposed Landing Depths: Shoe: 1040 Float: 1013

REMARKS

CASING INFORMATION (Attach casing tally complete with weights, grade, etc.)

Make: Mannesmann Size O.D: 9-5/8 Wt./Ft: 36#

Grade: J-55 Range: 2 Threads: 8 Rd.

ST & C or LT & C: ST & C New or Used: New Supplied By: Home

No. of Joints Run in Hole: 34 Shoe: (Make) Davis Lynch

Length Less Thds: 1045.06 Shoe: (Type) Guide

Length of Shoe: 1.35 Collar: (Make:) Davis Lynch

Length of Collar: 1.43 Collar: (Type:) Float

Total Length: 1047.84 Centralizers (Make) B & W

Pipe Cut Off: - Centralizers (Type) Latch On

Overall String Length: - Centralizers (No.) 5

Distance KB to Csg.Bowl Flange: - " (Spacing from Shoe): Middle of Joint # 1

Top of Joints 2-3-6

One in bottom of 13-3/8 casing.

Casing Shoe Depth K.B: 1040

Float or Beffle Collar Depth K.B: 1013

Landing Joint Length: 28.72 Tally No. 36 Scratchers (Make): B.W.

Shoe Joint Length: 27.90 Tally No. 1 Scratchers (Type): Multiflex

Dope (Make & Grade): Kopr Kote Scratchers (No.): 6

No. of Joints Welded: 3 Scratchers (Spacing from shoe):

Power Tongs Used: - # 1 - 5' above Shoe.

Power Tong Torque Used: - ft.lbs. 2 -10' above Shoe.

3 -15' above Shoe.

4 -25' above Shoe.

5 -45' above Shoe.

6 -75' above Shoe.

Depth Measurements for T. D.

Drill Pipe: _____ to T. D.

Casing: _____ to T. D.

E-Log: _____ to T. D. or

R/A Log: _____ to T. D. or

REMARKS as to Depth Measurement Taken: _____ Other Csg. Auxiliary Equp. Used: _____

REMARKS: _____

HOME OIL COMPANY LIMITED

CASING REPORT

(A)

Date: February 12, 1960

GENERAL DATA — 7" O.D. Casing.

Well: HOME SIGNAL C.S.P. CELIBETA #2
K.B. Elevation: - Distance KB to Top Csg. Bowl Flange: 12.50
Full Hole Size 8-3/4 Depth: - Rat Hole Size: - Depth -
Casing in Hole: (Size & Depth:) 13-3/8 - 328' 9-5/8 - 1040
B.O.P. Equipment D. Schaffer & Hydril Will BOP Pack Off On Casing?: Yes.
Mud Conditions Before Running Pipe: Wt: - #/Gal. Visc: Heavy
Type of Mud Used (From: - To: - W. L: 3.8 - F/C: 2/32
Proposed Landing Depths: Shoe: - Float: -

REMARKS

CASING INFORMATION (Attach casing tally complete with weights, grade, etc.)

Make: Stewart & Lloyd's — Size O.D: 7" — Wt./Ft: 23#
Grade: N 80 — Range: 2 — Threads: 8 Rd.
ST & C or LT & C: LT & C — New or Used: New — Supplied By: Home
No. of Joints Run in Hole: 116 — Shoe: (Make) Davis Lynch
Length Less Thds: 3712 02 — Shoe: (Type) Guide
Length of Shoe: 1 25 — Collar: (Make:) Baker
Length of Collar: 2.25 — Collar: (Type:) Differential Fill up.
Total Length: 3715.52 — Centralizers (Make) B & W
Pipe Cut Off: 14.00 — Centralizers (Type) -
Overall String Length: 3701.52 — Centralizers (No.) 4
Distance KB to Csg.Bowl Flange: 12.50 — " (Spacing from Shoe): Centre Jt. #1. Top Jts. # 2-3-6

Casing Shoe Depth K.B: 3714.0
Float or Baffle Collar Depth K.B: 3677

Landing Joint Length: 31.50 Tally No. 116
Shoe Joint Length: 31-91 Tally No. 1
Dope (Make & Grade): Kopr Kote
No. of Joints Welded: -
Power Tongs Used: -Yes
Power Tong Torque Used: -3600 ft.lbs.

Scratchers (Make): B & W
Scratchers (Type): Multiflex
Scratchers (No.): 6
Scratchers (Spacing from shoe):
1 - 5 above shoe
2 - 10' Above shoe.
3 - 15' Above shoe.
4 - 25' Above shoe.
5 - 45' Above shoe.
6 - 75' Above shoe.

Depth Measurements for T. D.

Drill Pipe: ____ to T. D.
Casing: 3714 to T. D.
E-Log: ____ to T. D. or
R/A Log: ____ to T. D. or
REMARKS as to Depth Measurement Taken: ____ Other Csg. Auxiliary Equp. Used: ____

REMARKS: Lost Circulation w/casing at landing point, Try to regain same before cementing.

HOME OIL COMPANY LIMITED

CASING REPORT

(A)

Date: February 28, 1960

GENERAL DATA

5" O.D Casing Liner.

Well: Home Signal C,S.P Celebeta # 2

K.B. Elevation: - Distance KB to Top Csg. Bowl Flange: 12.50

Full Hole Size - Depth: 3803 Rat Hole Size: 6-1/4 Depth -

Casing in Hole: (Size & Depth:) 7" Production

B.O.P. Equipment: - Mill Run Packoff on Casing?: -

Mud Conditions Before Running Pipe: Wt: 8.8 #/Gal. Visc: 126

Type of Mud Used (From: Gel Chem To: W. L: 5.7 F/C: 2/32

Proposed Landing Depths: Shoe: Float:

REMARKS

Run on 2-7/8" Drill pipe with liner setting tool.

CASING INFORMATION (Attach casing tally complete with weights, grade, etc.)

Make: National Tube Size O.D: 5" Ext.Line Wt./Ft: 15#

Grade: J55 Range: 3 Threads: Hydrill

ST & C or LT & C: - New or Used: New Supplied by: Home

No. of Joints Run in Hole: - 6 Shoe: (Make) Brown Oil Tool

Length Less Thds: 246.69 Shoe: (Type) T. Liner shoe

Length of Shoe: 1.67 Collar: (Make:) -

Length of Collar: .78 Collar: (Type:) -

Total Length: Hanger 13.65 Centralizers (Make) B. & W.

Pipe Cut Off: - Centralizers (Type) Latch On

Overall String Length: 262.89 Centralizers (No.) 3

Distance KB to Csg.Bowl Flange: - " (Spacing from Shoe): -

3', 25', 53' above shoe.

Casing Shoe Depth K.B: 3794' Top at 3531' K.B.

Float or Baffle Collar Depth K.B:

Landing Joint Length: Tally No. Scratchers (Make):

Shoe Joint Length: Tally No. Scratchers (Type):

Dope (Make & Grade): Scratchers (No.):

No. of Joints Welded: Scratchers (Spacing from shoe):

Power Tongs Used:

Power Tong Torque Used: ft.lbs.

Depth Measurements for T. D.

Drill Pipe: to T. D.

Casing: to T. D.

E-Log: to T. D. or

R/A Log: to T. D. or

REMARKS as to Depth Measurement:

Taken: Other Csg. Auxiliary Equp. Used:

REMARKS:

(E)

13-3/8" O.D Casing

to surface 300

300 Sacks

Portland Inland Home

2% $Ca Cl_2$

Home

Halliburton B. Smith

F H. Desrosiers.

3:00 PM December 28, 1959

3:45 PM

9:30 PM 5-3/4

Every Joint

One hour

10:37 PM 11:00 23 Mins

11:07 11:15 8 Mins

5

200

1000 2

Mud.

2

Bottom & top plug from Halliburton

Mud.

Good cement returns.

REMARKS:

(B) CASING REPORTS

CEMENTING AND RUNNING 9-5/8" O.D Casing.

Ht. to be Cemented Above Shoe: to surface Calculated Sacks: 500
Amount Cement Used: 500
Type of Cement: Inland Halliburton Supplied By: Home
Additives: 2% Cal chl.
Supplied By: Home
Cementing Contractor: Halliburton Cementing Operator:
Cement Contractor Notified By: L. Stafford.

TIMES

Start Rig to Run Pipe: 3:30 PM
Start Pipe: 4:30 PM
Pipe on Bottom: 12:00 PM Hrs. to Run Pipe: 9-1/2
Fill Up Points: Every Joint
Circulating Pipe Time: 1 hour.
TIME: Mix Started: 2:00 AM Finished: 2:35 AM Elapsed Time: 35 Mins.
TIME: Plug Started: 2:40 AM Bumped: 2:50 AM Elapsed Time: 10 Mins.
Water Ahead of Neat Cement: 5 bbls.
Max. Pumping Pressure on Cement Job: 300
Max. Pumping Pressure of Plug: 1100 No.of Times Plug Bumped: 2
Displacement Volumes: Water: Mud: Mud Total:
No. of Plugs Used: 2
Type of Plugs Used: Top & bottom plug - Halliburton
Type of Fluid Used for Displacing Plugs: Drilling Mud.
REMARKS AS TO MUD OR CEMENT (RETURNS,ETC.): Very good returns but dropped 133' from surface Re cemented w/ 1" pipe, 28 sacks cement plus 20% Ca Cl. Held OK.

LANDING PIPE

Time & Date Landed: Hrs. After Plug Bumped:
Make of Head: O C.T. C-19-C Type of Slips & Packing:
Gross Wt. of Cementing String: Weight of Blocks:
Net Wt. of Cementing String: Calculated Wt. of Pipe:
Net Wt. Landed on Slips: Pipe on bottom, cemented to surface.
Inches Slacked Off - Cementing Pt. to Slip Setting Pt:
Estimated Freeze Point (K.B.):
Temperature Survey: (Company):
(Depth Interval Run):
(Top of Cement:)

REMARKS:

Lost circulation material in mud, ran pipe very slowly, to protect lost circulation zone. Pipe a little sticky around 340 ft. Had to work same thru 2 spots.

13-3/8 Casing bowl cut off a weld on bowl put on the 9-5/8 Casing.

(B) CASING RECORD

CEMENTING AND PLUGGING

7" Casing.

Ft. to be Cemented Above Shoe: _____ Calculated Sacks: _____
Amount Cement Used: _____
Type of Cement: Inland Oilwell Supplied by: Home
Additives: -
Supplied By: -
Cementing Contractor: Dowell Cementing Operator: _____
Cement Contractor Notified By: On Lease

TIMES

Start Rig Down Pipe: 1:00 AM
Start Pipe: 2:30 AM
Pipe on Bottom: 11:30 AM Hrs. to Run Pipe: 9
Fill Up Points: Differential Fill up collar
Circulating Pipe Time: 15 Mins. Lost Circulation.

TIME: Mix Started: _____ Finished: _____ Elapsed Time: _____
TIME: Plug Started: _____ Bumped: _____ Elapsed Time: _____
Water Ahead of Neat Cement: _____ Bbls.
Max. Pumping Pressure on Cement Job: _____
Max. Pumping Pressure of Plug: _____ No. of Times Plug Bumped: _____
Displacement Volumes: Water: _____ Mud: _____ Total: _____
No. of Plugs Used: _____
Type of Plugs Used: _____
Type of Fluid Used for Displacing Plugs: _____
REMARKS AS TO MUD UP CEMENT (RETURNS, ETC.): _____

LANDING PIPE

Time & Date Landed: February 13,1960 Hrs. After Plug Bumped: _____
Make of Head: O.C.T. C-19-C Type of Slips & Packing: C-19-C
Gross Wt. of Cementing String: - Weight of Blocks: _____
Net Wt. of Cementing String: - Calculated Wt. of Pipe: _____
Net Wt. Landed on Slips: Full Wgt. Not cemented
Inches Slacked Off - Cementing Pt. to Slip Setting Pt.: _____
Estimated Freeze Point (K.B.): _____
Temperature Survey: (Company): _____
(Depth Interval Run): _____
(Top of Cement:) _____

REMARKS:

See Page attached.

CASING REPORT REMARKS.

Lost circulation. tried to regain w lost circulation material, failed. Ran a Diesel Oil Gel Plug, hole would stay full but would not circulate, finally dropping away inside of 7" casing. Ran cement as follows

Plug # 1 5 Bbls. water
300 sacks Inland Oilwell cement.
2 Bbls. water
112 Bbls. Mud casing on Vacuum shut in - Waiting on cement 16 hours. tested plug to 1400 psi. holding ok, change B.O.P.'s from 12" to 7" before Drilling out.

Ran in w/2-7/8" drill pipe. Top of plug at 3475, Drilled out to top of float collar at 3677' - Perforated 7" casing at 3664' - 3665' - 4 shots by Schlumberger broke circulation thru perforations but would not return Fluid in 7" Dropping down.

Plug # 2 Ran 200 sacks Inland Oilwell cement w/ Dowell displacod w/ 118 Bbls. Mud. No plugs used. Cemented thru perforations @ 3665 Ft. Waiting on Cement 10-1/2 hours filled 7" Casing. Measured in to plug w/ wire line did not hold.

Plug # 3 Ran 200 sks. Inland Oil well w/ Dowell Displaced w/ no plugs used 2 Bbls. water 112 bbls mud. closed in waiting on cement 12 hours. Felt for plug w/ wire line, Top of plug at 3660. Waiting on cement 8 hours. pressure casing to 1200 Psi. held O.K.

Perforated casing at 3600' - 2-3/4" shots by Schlumberger. Could not get any fluid away. Pressured to 1200 Psi. for 20 Mins. holding O.K. Indicated casing cemented above that point. Drill out float collar and shoe.

(8) [illegible]

CEMENTING AND PLUGS

5" Casing Liner

Ft. to be Cemented Above [illegible] Circulated Sacks: 60
Amount Cement Used: 60 Sx
Type of Cement: Inland Oilwell Supplied By: Home
Additives: -
Supplied by: Home
Cementing Contractor: Dowell Cementer: [illegible]
Cement Contractor Notified By: [illegible]

TIMES

Start Pipe to Run Pipe: 10:00 AM February 28, 1960
Start Pipe: -
Pipe on Bottom: 4:00 PM Hrs. to Run Pipe: 6
Fill Up Points: 1500', 2000', 3000', 3794'
Circulating Pipe Time: No returns

TIME: Mix Started: 4:45 Finished: 5:00 Slurry Time: 15 Mins
TIME: Plug Started: [illegible] Dumped: 5:20 Displace Time: [illegible]
Water Ahead of Neat Cement: [illegible] Bbls.
Max. Pumping Pressure of Cement [illegible]:
Max. Pumping Pressure of Plug: 1500 No. of Times Plug Dumped: [illegible]
Displacement Volumes: Brine [illegible] Mud: [illegible] Total: [illegible]
No. of Plugs Used: [illegible]
Type of Plugs Used: [illegible]
Type of Fluid Used for Displacing Plug: 23 Bbls. Drilling fluid.
RETURNS OF TOP OF CEMENT (WAS TOP CONFIRMED): [illegible]

LANDING PIPE

Time & Date Landed: February 28/60 5:30 PM Type Pipe Plug Bumped: [illegible]
Make of Head: [illegible] Type of Slips & Packing: [illegible]
Gross Wt. of Cementing String: [illegible] Weight of Blocks: [illegible]
Net Wt. of Cementing String: [illegible] Calculated Wt. of Pipe: [illegible]
Net Wt. Landed on Slips: [illegible]
Inches Slacked Off - Cementing Pt. to Slip Setting Pt: [illegible]
Estimated Freeze Point (B.H.): [illegible]
Temperature Survey: (Company): [illegible]
(Depth Interval Run): [illegible]
(Top of Cement:) [illegible]

REMARKS:

Liner was run w/ lost circulation filled pipe 4 times to hold fluid level in hole. Liner hanger seals were set w/20000# drill pipe wgt. after cementing. Hole was filled and reversed circulation but no excess cement was returned, Indicating some of the Cement could have been lost in the theif zone.

HOME SIGNAL C S.P. CELIBETA #2

Surface Casing 13-3/8"

	13-3/8" 54.5# J55
1) [illegible]	8
2) [illegible]	331.79
3) [illegible]	8
4) [illegible]	329.46
5) Add For Threads	2.33
6) Total Length W/Threads (Incl. Pipe Cut Off)	331.79
7) [illegible]	
8) [illegible]	
9) [illegible]	
10) [illegible]	
11) Total Length Less Thds.	
12) Add For Threads	
13) Length With Threads	

* Pipe Chargeable To Well [illegible]

NOTE: Give other details on Pipe [illegible] Grade, Make and Range.

13-3/8 - 54 5/Ft - J-55 - 8rd thd.
St & C, Rge 3, National tube.

HOME SIGNAL C.S.P. CELIBETA #2

INTERMEDIATE STRING 9-5/8"

1) No. of Jts. Delivered To Rig	36# J55	35
2) Total Footage (Incl. Pups)		1119.93
3) No. of Joints Run		34
4) Total Length (Less Thds)		1110.93
5) Add For Threads		9.
6) Total Length W/Threads (Incl. Pipe Cut Off)		1119.93
7) Pipe Cut Off		-
8) No. of Joints Not Run		2
9) Damaged		NIL
10) Not Damaged		2
11) Total Length Less Thds.		65.87
12) Add For Threads		50
13) Length With Threads		66.37

* Pipe Chargeable To Well (Item 6)

NOTE: Give other details on pipe such as size, ST[illegible], Threads, Make and Range.

9-5/8, 36# , J55, 8Rd, S.T. & C Rge 2.
Mannesmann Casing.

HOME OIL COMPANY LIMITED

PIPE REPORT

February 21, 1960

WELL NAME & NUMBER: HOME SIGNAL C.S.P. CELIBETA #2 N.W.T.

PIPE ACCUMULATION (This report is to be forwarded directly to Mr. Bill [illegible]
(Home Oil Company Limited, Accounting Department [illegible]
(completion of job).

	WEIGHT GRADE	WEIGHT GRADE	7"	7"	TOTAL
1) No. of Jts. Delivered To Well				23# N80	130
2) Total Footage (with ends)To Well					4184.55
3) No. of Joints Used					116
4) Total Length (less Ends)					3712 02
5) Add for Threads					38 66
6) Total Length w/Threads (Excl. Pipe Cut Off)					3750 68
7) Pipe Cut Off					-
8) No. of Joints Not Used					14
9) Damaged					NIL
10) Not Damaged					14
11) Total Length Less Ends.					429 21
12) Add For Threads					4 66
13) Length With Threads					433.87

* Pipe Chargeable To Well (Item 6) Rge 2 N-80-23# LT & C Stewart & Lloyd casing

NOTE: Give other details on pipe such as size, ST & C or LT & C, Threads, Make and Range.

HOME OIL COMPANY LIMITED

PIPE REPORT

WELL NAME & NUMBER: HOME SIGNAL O.S.P. CELIBETA #2 FEBRUARY 28, 1960

PIPE RECAPITULATION (This report is to be forwarded directly/to Mr. Bill Johnstone,
(Home Oil Company Limited, Accounting Department
(completion of job).

	WEIGHT #/ft	WEIGHT GRADE	5" Liner Casing WEIGHT GRADE		TOTAL
1) No. of Jts. Delivered To Well			15# J55		12
2) Total Footage (with thds) To Well					487.20
3) No. of Joints Used					6
4) Total Length (less thds)					246.69
5) Add For Threads					2
6) Total Length w/Threads (Incl. Pipe Cut Off)					248.69
7) Pipe Cut Off					-
8) No. of Joints Not Used					6
9) Damaged					-
10) Not Damaged					6
11) Total Length Less Thds.					-
12) Add For Threads					238.51
13) Length With Threads					

* Pipe Chargeable To Well (Item 6) 5" - 15# J55 Hydrill thds. Rge. 3, National tube.

NOTE: Give other details on pipe such as size, ST & Liner I.D. & O.D., Threads, Make and Range.

HOME OIL COMPANY LIMITED

PIPE REPORT

WELL NAME & NUMBER: HOME SIGNAL C.S.F. CELIBETA #2. MARCH 20, 1960

FIELD DESIGNATION (This report to be forwarded/to Mr. [illegible]
(Home Oil Company Limited, Accounting Department
(completion of job).

	2-7/8" 6.5#/Ft. J-55	2-3/8" 4.7#/Ft. J-55			
1) No. of Jts. Delivered to Well	168	7			175
2) Total Footage (with thdd'd Well)	-				-
3) No. of Joints Used	118	7			125
4) Total Length (less thds)	3478.10	205.41			3683.51
5) Add for Threads	17.70	1.05			18.75
6) Total Length w/Threads (excl. Pipe Cut Off)	3495.80	206.46			3702.26
7) Pipe Cut Off	-	-			-
8) No. of Joints Not Used	50	-			-
9) Damaged	-	-			-
10) Not Damaged	-	-			-
11) Total Length Less Thds.	1451.47	-			1457.47
12) Add For Threads	7.50	-			7.50
13) Length With Threads	1464.97	-			1464.97

* Pipe Chargeable To Well (Item 6) 2-7/8" EUE, 8Rd. thd, J-55, 6.5#/Ft. Rge 2 Tbg
2-3/8" EUE, 8Rd. thd, J-55, 4.7#/Ft. Rge 2 Tbg.

NOTE: Give other details on pipe such as size, ST & C or LT & C, Threads, Make and Range.

NIL

E 111 FLUID ANALYSIS

CGL-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

Edmonton – Fort St. John – Calgary

WATER ANALYSIS REPORT

Field ..... Well No. Home Signal C.S.P. Celibeta No. 2.

Operator Home Oil Company Limited ..... Date Received February 10, 1960.

Formation Shale Unit? ..... Depths 2523' - 2594'

Other pertinent data D.S.T. #1. 300 feet gas cut drilling mud; 100 feet salty water; Sample #2, 50 feet above packer.

Date February 26, 1960. Lab. No. C 2674

PARTS PER MILLION (MILLIGRAMS PER LITER)

Na + K	Ca	Mg	Fe	SO_4	Cl	CO_3	HCO_3	OH	H_2S
25146	4725	825		547	48500		1120		

MILLIGRAM EQUIVALENTS

1093.86	235.78	67.81		11.38	1367.70		18.37		

MILLIGRAM EQUIVALENTS IN PERCENT

39.13	8.44	2.43		0.41	48.93		0.66		

Total Solids in Parts per Million

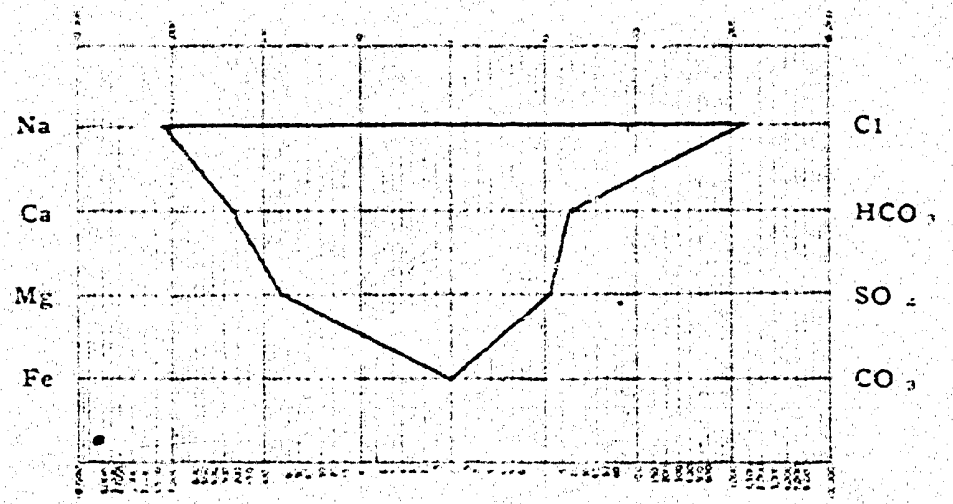
By evaporation	90,890
After ignition	78,950
Calculated	80,294
Specific Gravity	1.056
Observed pH	7.15
Resistivity 0.113	ohm meters @ 68° F.

Properties of Reaction in Percent

Primary salinity	78.26
Secondary salinity	20.42
Primary alkalinity	---
Secondary alkalinity	1.32
Chloride salinity	99.17
Sulfate salinity	0.83

Remarks and conclusions Heavy organic matter present in total solids.

LOGARITHMIC PATTERN
MEQ per unit



CGL-4

CHEMICAL . GEOLOGICAL LABORATORIES LTD.

Edmonton – Fort St. John – Calgary

WATER ANALYSIS REPORT

Field (Wildcat), Northwest Territories Well No. Home Celebeta Lake #2

Operator Home Oil Company Limited Date Received March 28, 1960

Formation Depths

Other pertinent data Sampled by Gas Test Engineering. Sample #2 taken from flare line @ 9:30 P.M. on March 20, 1960 after 24½ hours flow.

Date April 5, 1960 Lab. No. 15881

PARTS PER MILLION (MILLIGRAMS PER LITER)

Na + K	Ca	Mg	Fe	SO_4	Cl	CO_3	HCO_3	OH	H_2S
13,607	1,581	385		940	22,747		2,525		

MILLIGRAM EQUIVALENTS

591.89	78.89	31.65		19.55	641.47		41.41		

MILLIGRAM EQUIVALENTS IN PERCENT

42.13	5.62	2.25		1.39	45.66		2.95		

Total Solids in Parts per Million

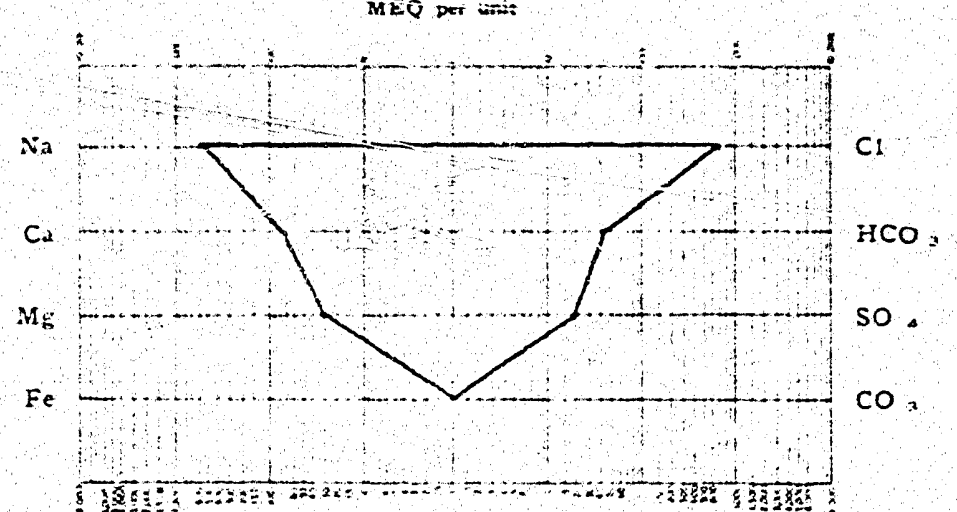
By evaporation	40,808
After ignition	37,060
Calculated	40,504
Specific Gravity	1.024
Observed pH	7.9
Resistivity	0.284 ohm meters @ 68° F.

Properties of Reaction in Percent

Primary salinity	84.26
Secondary salinity	9.84
Primary alkalinity	---
Secondary alkalinity	5.90
Chloride salinity	97.05
Sulfate salinity	2.95

Remarks and conclusions

LOGARITHMIC PATTERN
MEQ per unit



CGL-4

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street Edmonton, Alberta Phones: 25621 - 42562

GAS ANALYSIS REPORT

FIELD (Wildcat), Northwest Territories. WELL NO. Home Colibeta Lake No. 2.

OPERATOR Home Oil Company. LOCATION

FORMATION DEPTHS LAB NO C 3822

ANALYZED BY Chemical & Geological Labs. Ltd. DATE April 5, 1960.

REMARKS Sample #1. Sampled March 20, 1960. Gas flow 2.45 mscf/d. Tubing pressure 379 psig. and 63°F. Bomb pressure 379 and 63°F. Taken 1:00 P.M. after 16 hours flow by Gas Test Engineering Limited in containers 256 and 340.

ORSAT ANALYSIS

	% by Volume
Oxygen	
Nitrogen	
Carbon dioxide	
Hydrogen sulfide	
Total hydrocarbons	
Average "n"	

HYDROGEN SULFIDE

(by Tutwiler Method)

Grains of hydrogen sulfide per 100 cu. ft. of gas at 60° F. and

14.7 lbs. per sq. in.

14.4 lbs. per sq. in.

Percentage of Hydrogen sulfide Nil

GROSS B.T.U.

60°F. and 14.7 p.s.i.a. 884

60°F. and 14.4 p.s.i.a. 866

Remarks and Conclusions:

PODBIELNIAK

Low Temperature Fractionation

	% by Volume	G.P.M. in U.S. Gal. @60°F. & 14.696 psia.	G.P.M. in Imp. Gal. @60°F. & 14.4 psia.
Oxygen	0		
Nitrogen	6.29		
Carbon dioxide	6.56		
Hydrogen sulfide	0		
Methane	86.88		
Ethane	0.14		
Propane	0.10	0.028	0.022
Isobutane +	0.03	0.010	0.008
N-butane			
Isopentane			
N-pentane			
Hexanes			
TOTAL	100.00	0.038	0.030

G.P.M.

Actual pentanes +		
Calculated at 12 lbs.		
Calculated at 15 lbs.		
Calculated at 22 lbs.		
Calculated at 26 lbs.		
Vapor pressure (calculated) of actual pentanes +		

Specific Gravity Calculated 0.645

Specific Gravity by Weight 0.642

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

10568 - 114th Street, Edmonton, Alberta, Phones GA 2-5[illegible] GA [illegible]
428 - 35 Ave. N.E., Calgary, Alberta, Phones CR 7-6[illegible] CR 7-[illegible]

GAS ANALYSIS REPORT

FIELD (Wildcat), North West Territories, WELL NO. Home Signal CSP Colibets Lake No. 2.
OPERATOR Home Oil Company Limited LOCATION
FORMATION Slave Point DEPTH LAB NO. E15870
ANALYZED BY Chemical & Geological Labs. Ltd. DATE April 5, 1960.
REMARKS Sampled from tubing. Well "shut in", pressure at point of sampling 1309, on container 100 psig.. Temperature at source 73°F., ambient temperature 16°F. Barometric pressure 30.02" Mercury. Sampled March 23, 1960.

ORSAT ANALYSIS

	% by Volume
Oxygen	
Nitrogen	
Carbon dioxide	
Hydrogen sulfide	
Total hydrocarbons	
Average "n"	

	% by Volume	G.P.M. in U.S. Gal @ 60° F. & 14.696 PSI	G.P.M. in Imp. Gal @ 60° F. & 14.4 PSI
Oxygen	0		
Nitrogen	5.14		
Carbon dioxide	10.96		
Hydrogen sulfide	0		
Methane	83.77		
Ethane	0.10		
Propane	0.02	0.006	0.004
Isobutane +	0.01	0.003	0.003
n-butane			
Isopentane			
N-pentane			
Hexanes			
TOTAL	100.00	0.009	0.007

HYDROGEN SULFIDE
(by Tutwiler Method)

Grains of hydrogen sulfide per 100 cu. ft. of gas at 60° F. and

14.7 lbs. per sq. in.	
14.4 lbs. per sq. in.	
Percentage of Hydrogen sulfide	Nil

GROSS B.T.U.

60°F. and 14.7 p.s.i.a.	849
60°F. and 14.4 p.s.i.a.	832

Remarks and Conclusions:

G.P.M.

Actual pentanes +		
Calculated at 12 lbs.		
Calculated at 15 lbs.		
Calculated at 22 lbs.		
Calculated at 26 lbs.		
Vapor pressure (calculated) of actual pentanes +		
Specific Gravity Calculated	0.682	
Specific Gravity by Weight	0.685	

OIL AND GAS CONSERVATION BOARD (PROVINCE OF ALBERTA)

STANDARD SAMPLE INFORMATION SHEET

INFORMATION TO BE FORWARDED WITH EACH SAMPLE OF WATER, OIL OR GAS (Please supply as much of the following information as possible. Please Print Clearly.)

Kind of sample (water, oil or gas): Gas

Marks on sample container: Gas Test Engineering Ltd. Ticket.

Sample obtained by: G.T.E. Date:

Operator: Home Oil Company Limited.

Mailing address for results: 0310 - 104th Street, Edmonton.

Well name and No.: Home Signal CSP Celibeta Lake No. 2. Field or Area: N.W.T. W.C.

Located in: L.S.D. Sec. Twp. Rge. W Mer. Elev. K.B. 1/rd

Sample obtained from (line, tubing, separator, etc.): Tubing

Pressure: (a) at point of sampling: 1309 psig. (b) Gas Bomb pressure: 300? psig.

Temperature: (a) at point of sampling: 73 F (b) Separator: --- F

Name of Zone and Formation: Slave Point

Method of Production: D.S.T., Pump, Flowing, Swabbing.

Other (specify)

If D.S.T. sample, D.S.T. results: Interval

Recovery

Well production at sampling time: Oil Bpd; Gas MCFD; Water Bpd. Shut in

Perforations or open hole interval.

Pressures: Reservoir , Tubing , Casing , Separator

REMARKS:

Ambient Temperature 16°F.
Barometric Pressure 30.02" Hg

F. Swann
(Signed)

Gas Test Engineering Limited.
(Company)

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

GAS ANALYSIS REPORT

(Wildcat), North West Territories. Name Signal CSP Colibet Lake No. 2.

Home Oil Company Limited

Slave Point. 015671

Chemical & Geological Labs, Ltd. April 5, 1960.

Sampled from tubing. Pressure at source 765, on container 765 and [illegible]. Production flowing at 1.72 MMCF/D, ambient temperature 18°F. Barometric Pressure 30.02" Mercury. Sampled in container number 174, March 28, 1960.

ORSAT ANALYSIS

Oxygen	0		
	4.99		
Nitrogen	11.00		
	0		
Carbon Dioxide	83.89		
	0.09		
	0.01	0.003	0.002
Total Hydrocarbons	0.01	0.003	0.003
	0.01	0.003	0.003
		—	—
		—	—
		—	—
Average		—	—
		—	—
	100.00	0.009	0.008

HYDROGEN SULFIDE

(by Tutwiler method)

		GPM
Grains of hydrogen sulfide per 100 cu. ft. of gas at 60° F. and 14.7 lbs. per sq. in.		—
	at 12 lbs.	—
	at 13 lbs.	—
14.4 lbs. per sq. in.	at 14 lbs.	—
Percentage of hydrogen sulfide	Nil	—

GROSS B.T.U.

60° F. and 14.7 p.s.i.a.	850	
60° F. and 14.4 p.s.i.a.	833	
	Real Specific Gravity	0.682
	Calculated Gravity (Air=1.000)	0.682

Remarks and Conclusions

OIL AND GAS CONSERVATION BOARD (PROVINCE OF ALBERTA)

STANDARD SAMPLE INFORMATION SHEET

INFORMATION TO BE FORWARDED WITH EACH SAMPLE OF WATER, OIL OR GAS (Please supply as much of the following information as possible. Please Print Clearly.)

Kind of sample (water, oil or gas) Gas

Marks on sample container Chemical Geological #174.

Sample obtained by Gas Test Engineering Date March 23, 1960.

Operator Home Oil Company

Mailing address for results 6810 - 104th Street, Edmonton.

Well name and No. Home Signal CSP Cellibeta Lake No. 2 Field or Area: N.W.T. B.C.

Located in L.S.D. Sec. Twp. Rge. W Mer. Elev: K.B. Grd.

Sample obtained from (line, tubing, separator, etc.) Tubing

Pressure (a) at point of sampling 765 psig (b) Gas Bomb pressure 765 psig.

Temperature (a) at point of sampling 74 F (b) Separator --- F

Name of Zone and Formation Slave Point

Method of Production D.S.T. Pump Flowing Swabbing.

Other (specify)

If D.S.T. sample D.S.T. results Interval

Recovery

Well production at sampling time: Oil Bpd Gas MCFD. Water Bpd. 4.72 mmcf/d

Perforations or open hole interval

Pressures Reservoir Tubing Casing Separator

REMARKS

Ambient temperature 100F.
Barometric Pressure 30.02" Hg

E. Swann
(Signed)

Gas Test Engineering Limited.
(Company)

E IV BIT RECORD

BIT RECORD (Number Rock Bits consecutively and Separate Numbers for Diamond Bits)

No.	Size	Type	From	To	Footage	Hrs. on Bottom
1	12-1/4	YT 3	0	330	330	16-1/2
2	17-1/2	Reed Pilot	0	328	328	Reamed
3	12-1/4	OSC 3	Drilled cement plugs.			
4	8-3/4	OSC 3	330	692	361	13-3/4
5	8-3/4	YT 3	692	1050	358	15
#3 6 RR	12-1/4	OSC 3	330	800	470	13-3/4
7	12-1/4	SS3C	800	1010	210	9-1/4
8	Quoted as bit 7 in daily report - overlaps bit 7 above - Hereafter all 12-1/4	Pilot	1010	1040	30	2-1/4
9	bits are 1 number above the daily report number. 8-3/4	OSC 3	1050	1522	472	13-3/4
10	8-3/4	OSC 3	1522	1724	202	6-1/2
11	8-3/4	YT 3	1724	1872	148	17-1/4
12	8-3/4	YT 3	1872	1915	43	8-1/4
13	8-3/4	OSC IG	1915	2127	212	20-1/4
14	8-3/4	YT 3	2127	2272	145	21-1/2
15	8-3/4	OSC 3	2272	2346	74	13
16	8-3/4	OSC IG	2346	2389	43	14-3/4
17	8-3/4	OSC 3	2389	2444	55	22
18	8-3/4	OSC 3	2444	2544	100	25
19	8-3/4	OSC 3	2544	2590	4' error 50	10
20	8-3/4	YT 3	2594	2767	173	21-1/2
21	8-3/4	YT 3	2767	3058	291	20-1/4
22	8-3/4	OSC 3	3058	3375	317	22-1/2
23	8-3/4	S 3	3375	3485	110	11-1/4
24	8-3/4	OSC 3	3485	3689	204	24-1/2
25	8-3/4	YT 3	3689	3734	45	2-3/4
26	6-1/4	OSC	3475	3539	34	7(reaming Cement)

BIT RECORD (Number Rock Bits consecutively and Separate Numbers for Diamond Bits)

No.	Size	Type	From	To	Footage	Hrs. on Bottom
26 RR	6-1/4	OSC	3734	3756	22	10-1/4
27	6-1/4	W 7	3756	3771	15	13
28	6-1/4	OWV	3771	3803	33	18
29	6-1/4	OSC	3803			
30	4-1/8	OW	3803	3816	11	14-1/2
31	4-1/8	OW	3814	3815	1-1/2	2-3/4
32	4-1/8	OW	3815	3822	7	4-3/4
33	4-1/8	OW	3822	3827	5	4-1/2
			Pipe Corection			
34	4-1/8	OW	3827	3828	6	7
35	4-1/8	OW	3828	3838	10	7
Run # 1	Christensen 4 1/8 Diamond		3838	4115	277 Ft.	

E V DEVIATION SURVEY REPORT

DEVIATION SURVEY RECORD

Depth	Degrees off
102	1/8°
217	1/8°
307	1/4°
413	3/4°
504	3/4°
554	1°
634	1°
684	1-1/8°
744	1-1/4°
864	1-1/2°
984	1-7/8°
1014	1-7/8°
1103	2°
1162	1-15/16°
1223	1-3/4°
1284	1-1/4°
1345	3/4°
1405	3/4°
1493	1°
1552	1-1/8°
1610	1-1/2°
1671	1-3/4°
1701	1-3/4°
1724	1-1/2°
1798	1-7/8°

Depth	Degrees Off
1851	2°
1915	1-7/8°
1949	2°
1979	2°
2040	2°
2101	3°
2156	2-7/8°
2187	2-3/4°
2217	2-1/2°
2247	3°
2272	2-1/2°
2307	2-1/2°
2337	2-3/4°
2370	3°
2389	3°
2426	2-3/4°
2444	2°
2457	2-1/8°
2488	2°
2519	2-1/8°
2544	2-1/4°
2590	1-3/4°
2615	1-3/4°
2645	1-1/2°
2706	1°

DEVIATION SURVEY RECORD

Depth	Degrees off	Depth	Degrees off
2767	1°		
2798	1°		
2859	1-1/8°		
2917	1-1/8°		
2979	1-1/8°		
3040	1-1/2°		
3099	1°		
3160	1-1/2°		
3218	1-1/2°		
3339	2-3/8°		
3369°	2-1/8°		
3427	2°		
3485	1-1/2°		
3515	1-15/16°		
3546	1-7/8°		
3576	1-3/4°		
3637	1-1/2°		
3668	1-5/8°		

E VI DRILLING MUD & ADDITIVES

Drilling Fluid Materials (State whether pounds, gallons, barrels, etc.)

Type	Amount
GEL	394,100 #
Q. BROXIN	16,250 #
LIME	25 #
BI CARB	4400 #
MASTER SEAL	17,650 #
CAUSTIC	6,475 #
DRISCOSE	2,300 #
HIGH VISCOSITY DRISCOSE	200 #
JEL FLAKE	20,075 #
CARBONOX	1,900 #
FIBRE TEX	189,680 #
MASTER BRIDGE	19,750 #
MASTER PLUG	350 #
BAROID	10,000 #
CELEPHANE	1,000 #
TUFT PLUG.	1,750 #

E VII DAILY PROGRESS REPORT

DAILY PROGRESS REPORT

Date	Details
December 27, 1959	Drilling. Depth 106', made 106, on bottom 6-1/4 hours Mud Wt 8 8, Visc 55. SPUDDED AT 4 15 PM DECEMBER 26TH, 1959
December 28, 1959	Reaming 12-1/4"- 17-1/2" Depth 330', made 224, on bottom 10-1/4 hours Mud Wt 8 9, Visc 60. Remarks Reaming from 12-1/4 " to 17-1/2"
December 29, 1959	W O C Depth 330' Mud Wt 8 9, Visc 60 Remarks Ran 8 Jts for 332.10 of 13-3/8, 54 5, J-55, 8Rd thd, ST & C, Rge 3, National tube, landed at 327.10. Cemented with 300 sacks Portland Inland Cement plus 2% $Ca\ Cl_2$ by HOWCO Plug down 11 15 PM December 28, 1959 Pressure 1000#. Good cement returns
December 30, 1959	Pressure testing casing Depth 330' Mud Wt 8 8, Visc 28 W O C
December 31, 1959	Tripping Depth 692', made 362, on bottom 13-3/4 hours. Mud Wt 8 9, Visc. 70.
January 1st, 1960	Drilling. Depth 984', made 292, on bottom 15 hours Mud Wt. 8 9, Visc 70, W.L. 6 0, F C 2/32, pH 10.0 Remarks Lost circulation at 890 ft fractured limestone Lost 150 bbls. mud Regained W/ master seal
January 2nd, 1960	Wait on repairs, Depth 1050', Made 66, on bottom 8-3/4 hours. Mud Wt 8 9, Visc 65, W.L 6 0, F C 2/32, pH 10.0, Remarks: Broke hook and dropped pipe running in hole.
January 3rd, 1960	Circulating, Depth 1050', Mud Wt. 8 9, Visc 60, W.L 5 8, F C 2/32, pH 10 0 Remarks: Shut down - rig repair - 23 hours.
January 4th, 1960	Mix lost circulation Material Depth 1050', made 0, on bottom 13-3/4 hours Mud Wt 9 4, Visc 65, W.L 5 8, F C 2/32, pH 10 0 Remarks: Repair to blocks, Logging hole.
January 5th, 1960	Circulating. Depth 1050'. Mud Wt. 9.4, Visc 87, W.L. 5.8, F.C 2/32, pH 10.0 Remarks Circulating and waiting on Haliburton trucks to arrive before running casing.

DAILY PROGRESS REPORT

Date	Details
January 6th, 1960	Waiting on Cement Mud Wt 9.4, Visc 87, W.L 5 8, F C 2/32, pH 10.0 Remarks: Ran 34 Joints 1047 84 - 9-5/8 casing 36# J55 8Rd Rge 2, S T & C Mannesman Landed at 1040' 500 sacks Oilwell + 2% C Cl_2 plug down 2:50 AM Good returns but dropped down bole 153 ft re cemented w/28 sacks Cal Cl O.K.
January 7th, 1960	Waiting on Cement Depth 1050' Visc Water Remarks Waiting on Cement 24 hours.
January 8th, 1960	Nippling up Depth 1050', Remarks. Surface casing recemented with 28 sacks (through 1" pipe) Inland Halliburton cement 2% Ca Cl_2 Filled up to surface held O K.
January 9th, 1960	Drilling Depth 1206', made 156, on bottom 5-1/4 hours Mud Wt 8 9, Visc 50, W.L. 9.7, F.C. 2/32, pH 10.0 Remarks: Pressure up 1000# for 15 minutes. Two trips w/magnet to recover iron
January 10, 1960	Drilling Depth 1665;, made 459, on bottom 15-1/2 hours Mud Wt 9 0, Visc 70, W.L. 4 8, F C. 2/32, pH 10.5
January 11, 1960	Drilling Depth 1836', made 171, on bottom 17-3/4 hours. Mud Wt. 9 3, Visc. 80, W.L. 40, F.C. 2/32, pH 10.0
January 12, 1960	Drilling. Depth 1995', made 79, on bottom 15-3/4 hours Mud Wt 9 3, Visc. 68, W.L. 4.0, F.C. 2/32, pH 9 5.
January 13, 1960	Tripping Depth 2127', made 212, on bottom 20 hours Mud Wt. 9.6, Visc. 78, W.L. 3.8, F.C. 2/32, pH 10 5.
January 14, 1960	Drilling Depth 2235', made 108, on bottom 16-1/4 hours. Mud Wt. 9.7, Visc. 70, W L 3.6, F.C. 2/32, pH 10.5
January 15, 1960	Drilling. Depth 2350', made 115, on bottom 18-1/2 hours. Mud Wt 9.8, Visc 65, W.L. 3 8, F C 2/32, pH 10.5
January 16, 1960	Drilling. Depth 2405', made 55, on bottom 19-3/4 hours Mud Wt. 9.7, Visc 65, W.L. 3 7, F.C. 2/32, pH 10 5
January 17, 1960	Drilling, Depth 2450', made 45, on bottom 18 hours Mud Wt 9.8, Visc. 68, W L 3 6, F.C. 2/32, pH 10.5
January 18, 1960	Drilling, Depth 2543', made 93, on bottom 22-1/2 hours. Mud Wt. 9.7, Visc. 55, W.L. 3 8, F.C 2/32, pH 10 5

DAILY PROGRESS REPORT

Date	Details
January 19, 1960	Running in hole with DST #1 Depth 2590', made 48, on bottom 10-3/4 hours. Mud Wt. 9.7, Visc. 75, W.L. 3.6, F.C. 2/32, pH 10.5
January 20, 1960	Repairing pump drive chain Depth 2665', made 71, on bottom 13 hours. Mud Wt. 9.7, Visc. 68, W.L. 3.8, F.C. 2/32, pH 10.5
January 21, 1960	Drilling Depth 2865', made 198, on bottom 16-1/2 hours. Mud Wt. 9.7, Visc. 65, W.L. 3.8, F.C. 2/32, pH 10.5.
January 22, 1960	Drilling. Depth 3150', made 285, on bottom 17-1/4 hours. Mud Wt. 9.8, Visc. 66, W.L. 4.0, F.C. 2/32, pH 10.5
January 23, 1960	Trip to change bit. Depth 3375', made 285, on bottom 18-1/4 hours. Mud Wt. 9.8, Visc. 78, W.L. 4.0, F.C. 2/32, pH 10.5. Run in with 16 Drill collars for controlled drilling.
January 24, 1960	Drilling. Depth 3477', made 102, on bottom 18 hours. Mud Wt. 9.9, Visc. 62, W.L. 4.0, F.C. 2/32, pH 10.5
January 25, 1960	Drilling. Depth 3598', made 119, on bottom 15-1/2 hours. Mud Wt. 9.9, Visc. 79, W.L. 3.8, F.C. 2/32, pH 10.5 Remarks: Drilling ahead.
January 26, 1960	Mix Mud. Depth 3734', made 137, on bottom 13-3/4 hours. Mud Wt. 9.9, Visc. 82, W.L. 3.6, F.C. 2/32, pH 10.5 Remarks: Lost circulation at 3734' Well pressured up to w/gas, bled off to 0 by pumping mud thru drill pipe.
January 27, 1960	Mixing lost circulation material. Mud Wt. 8.9, Visc. 300. Remarks: 24 hours mixing mud, No returns.
January 28, 1960	Continuing to regain circulation. Depth 3734'. Mud Wt. 8.9, Visc. 350, Remarks: Pumped 3500 Bbls January 27. 24 hours lost circulation.
January 29, 1960	Lost circulation (well shut in) mixing mud and lost circulation material toregain circulation. Depth 3734' Mud Wt. 8.9, Visc. Heavy. Remarks: Ran cement plug 3685' - 3734' with 50 sacks cement 10% gel + 2% Gelflake, Run by Dowell - plug down 3:30 PM January 28, 1960.

DAILY PROGRESS REPORT

Date	Details
January 30th, 1960	Mixing Mud & Bleeding well Depth 3734' Mud Wt 8.9, Visc Heavy. Remarks Barrels of mud pumped 6600 Casing pressure decreasing from 1350# to 50# Well blew out while tripping Closed in w/ B O P Drill pipe pressure 700 psi Casing Pressure 1350 Psi
January 31st, 1960	Mixing lost circulation material Depth 3734', Mud Wt 8.9, Visc heavy Remarks Barrels of Mud pumped 8100
February 1st, 1960	Mixing mud and lost circulation material, attempting to regain circulation Depth 3734'. Mud Wt 8.9 cat, Visc. heavy Remarks Bbls of mud pumped 9600.
February 2nd, 1960	Mixing mud and lost circulation material in attempt to regain circulation Depth 3734' Remarks Pumped down 96 barrels diesel gel plug 1 45 - 2.15AM
February 3rd, 1960	Circulating and cleaning to bottom preparing to run Schlumberger logs. Depth 3734' Mud Wt 9.1, Visc. Heavy. Remarks. Feb 2, 10·30 AM - 10·45 AM Broke circulation - full returns while circulating at 2720'. Feb 3, 4·20 AM - 7·00 AM Circulated and drilling out gel diesel plug from 2800' - 3104'.
February 4th, 1960.	Waiting for gel-diesel plug to set. Depth 3734'. Mud Wt. 9.1, Remarks Drilled out bridge 3721 - 25: Lost circulation at 3725 Ran gel diesel plug 1·00 - 2:00 AM Feb 3, 1960.
February 5, 1960	Waiting for gel diesel plug to set. Depth 3734'. Mud Wt. 9.1 Remarks· 4-00-6·15 AM Pumped gel diesel into drill pipe.
February 6, 1960	Mixing mud; loss circulation material and diesel-gel plug. Depth 3734'
February 7, 1960	Circulating Depth 3734'. Mud Wt. 9.0. Remarks; 4 15 - 8:00 AM broke circulation with 650 psi. Circulated and rotated bit to 3660. Full returns.
February 8, 1960	Circulating, rotating and reaming hole to bottom. Mud Wt. 9.0, Remarks. Lost Circulation 10:25 AM February 7, 1960 Regained it at 4·00 AM February 8th, 1960

[illegible]

[illegible]	[illegible]
February 9th, 1960	Circulating; etc Depth 3734'. Mud Wt 9 0 Remarks: Preparing to spot a cement plug.
February 10, 1960	Depth 3734'. Mud Wt 9 1, Remarks: 3.15 AM - 8:00 Am Running Schlumberger logs
February 11, 1960	Running 7" Casing Depth 3734' Mud Wt 9 2, Visc heavy W L 3 8, F C 2/32, pH 8 0 Remarks. Top of cement plug 3677 44'
February 12, 1960	Mixing gel diesel plug Remarks: Ran 115 Joints R50:23# Rge 2, 7" casing 3684 2' + 1 Joint 3715 52'. Landed 3712 K B Plug failed, lost circulation with 7" casing Ran a diesel gel plug.
February 13, 1960	Waiting on gel plug cement Depth 3734' Remarks: Gel plug failed to hold Ran 300 sacks cement by Dowell displaced with 112 bbls drilling mud Casing on vacuum.
February 14, 1960	Cement plug holding 8 00 AM - 8 00 PM Waiting on cement 12:00 - 8;00 AM To replace 12" w/6" 900 Series B O P's
February 15, 1960	Wait on B.O.P's Depth 3734'.
February 16, 1960	Nipple up 7" B.O.P's and install rotary table Depth 3734' Pick up 2-7/8" drill pipe.
February 17, 1960	Drilling cement Depth 3734' Mud Wt 9 2, Visc 50, W L 10 0, F C 2/32, pH 10 5 Remarks: Drilled cement to 3539'.
February 18, 1960	Conditioning mud Depth 3734', made 202', on bottom 17-3/4 hrs Mud Wt 9 0, Visc 90, W L 6 2, F C 2/32, pH 9 5. Remarks: Drilling cement to Float collar at 3677'
February 19, 1960	Waiting on cement Depth 3734'. Mud Wt. 9 0, Visc 70, W L. 4 8, F C. 2/32, pH 8 4 Remarks. 11:00 AM perforated 7" casing 3664' - 3665' with 4 shots by Schlumberger 1 00 - 2 :00 AM February 19, Pumped 200 sacks plug in 7" Casing and displaced through perforations with 118 bbls mud Plug down 2:00 AM February 19, 1960.
February 20,1960	Waiting on Cement - Plug 3 Depth 3734' Mud Wt 8 9, Visc 80, W L 5 4, F C. 2/32, pH 8 5
February 21, 1960	P.S.I Casing to test perforations at 3660', held O K. Schlumberger check plug wire line at 3660' Perforated 2-3/8" shots at 3600'. P S I. Casing and annulus held O.K.

DAILY PROGRESS REPORT

Date	Details
February 22, 1960	Wait on orders Depth 3734' Mud Wt 8 8, Visc 60 W.L. 4 8, F C 2/32, pH 10.0 Remarks Drilled out cement plug 3660 - 3677 Waiting on Otis pressure equipment
February 23, 1960	Circulated to condition mud Depth 3737' Mud Wt 8 8, Visc 70, W.L. 6 8, F.C. 2/32, pH 10.5 Remarks: Reamed 3677 - 3692' 5 mins/ft Reamed 3692 - 3737' 1-1/2 mins/ft
February 24, 1960	Drilling Depth 3768', made 31, on bottom 9-3/4 hours. Mud Wt 8 8, Visc 85, W.L. 4 4, F.C 2/32, pH 10 5
February 25, 1960	Drilling Depth 3796', made 28, on bottom 17-1/2 hours. Mud Wt 8 8, Visc 75, W.L. 4 0, F.C. 2/32, pH 10 0 Remarks: Otis 2-1/2" choke sub assembly installed on top of the drill collars
February 26, 1960	Mixing and conditioning mud. Depth 3803', made 7 on bottom 3-1/4 hours Mud Wt 8 8, Visc 120, W.L. 5.0, F.C. 2/32, pH 10 0 Remarks. 12.00 AM Lost circulation. Pumped 183-1/2 bbls. of conditioned mud down annulus at 10 and 30 min. intervals.
February 27, 1960	Mixing Mud and waiting on liner. Depth 3803' Mud Wt. 8 8, Visc 130, W.L. 5.0, F.C. 2/32, pH 10.0
February 28, 1960	Waiting on Liner. Depth 3803'. Ran 5" Liner Mud Wt. 8 9, Visc 120, W.L. 5.9, F.C. 2/32, pH 10.5.
February 29, 1960	Waiting on cement Depth 3803'. Mud Wt. 8 8, Visc 126, W.L. 5.7, F.C. 2/32, pH 10 5
March 1st, 1960	Waiting on cement Mud Wt. 8.8, Visc 126, W.L. 5.7, F.C. 2/32, pH 10 5 Remarks: 24 hours waiting on cement.
March 2nd, 1960	Drilling on plug. Depth 3803'. Mud Wt. 8.7, Visc. 41, W.L. 7.2, F.C. 2/32, pH 10.5 Remarks: 3404.66' of 2-7/8" D.P. 320.44' of 2-7/8" Tubing run on bottom of 2-7/8"D.P.
March 3rd, 1960	Waiting on Bit. Depth 3815', made 16', on bottom 16-1/4 hours. Mud Wt. 8.8, Visc. 90, W.L. 6.6, F.C. 2/32, pH 10.5

DAILY PROGRESS REPORT

Date	Details
March 4th, 1960	Waiting on Bits Depth 3827', made 12, on bottom 9-1/4 hours. Mud Wt. 8.9, Visc. 75, W.L. 5.4, F.C. 2/32, pH 10.5 Remarks: Trip to check bit 1:00 PM - 4:00 PM - bit had struck top of packer. Hole now seems to be out to 4-1/8" gauge.
March 5th, 1960	Running Magnet - Trip # 2. Depth 3838', made 11, on bottom 9-1/2 hours. Mud Wt. 8.8, Visc. 75, W.L. 4.4, F.C. 2/32, pH 10.5.
March 6th, 1960	Trip #10 for iron. Mud Wt. 8.8. Visc. 82, W.L. 3.6, F.C. 2/32, pH 10.0.
March 7th, 1960	Diamond Coring. Depth 3873', made 35, on bottom 15-1/4 hours. Mud Wt. 8.9, Visc. 78, W.L. 5.0, F.C. 1/32, pH 10.0. Remarks: Cut core #2 - 3838 - 3869 - 31 ft. Rec. 31 ft. Coring at 20 - 25 min.
March 8th, 1960	Coring. Depth 3918 ft. made 39, on bottom 12-1/2 hours. Mud Wt. 8.8, Visc. 100, W.L. - F.C. 2/32, PH -.
March 9th, 1960	Hoisting Core #4. Depth 3961', made 43, on bottom 19-1/2 hours. Mud Wt. 8.8, Visc. 74, W.L. 4.0, F.C. 2/32, pH 10.5 Remarks: Core # 3 - 3900 - 3930 - 30 ft. - 14 hours Full Rec. Core # 4 - 3930 - 3961 - 31 ft. - 14-1/2 hours. Rec?
March 10th, 1960	Hoisting Core #4. Depth 3987', made 36, on bottom 16-1/2 hrs. Mud Wt. 8.8, Visc. 77, W.L. 4.0 F.C. 2/32, pH 10.5
March 11th, 1960	Hoist Core #6. Depth 4023', made 33, on bottom 19-1/4 hours. Mud Wt. 8.8, Visc. 71, W.L. 4.2, F.C. 2/32, pH 10.5 Remarks: Rig and coring going satisfactorily.
March 12th, 1960	Coring Core #8. Depth 4059', made 36 on bottom 19-1/2 hours. Mud Wt. 8.8, Visc. 99, W.L. 3.8, F.C. 2/32, pH 10.0
March 13th, 1960	Coring. Depth 4101', on bottom 20-1/2 hours. Mud Wt. 8.8, Visc. 73, W.L. 3.0, F.C. 2/32, pH 10.5
March 14th, 1960	Logging. Depth 4115', made 14', on bottom 7 hours. Mud Wt. 8.8, Visc. 77, W.L. 3.2, F.C. 2/32, pH 6.5
March 15th, 1960	Waiting on log results. Mud Wt. 8.8, Visc. 77, W.L. 3.2, F.C. 2/32, pH 10.5 (Transporting mud and casing to Celibeta #3)

DAILY PROGRESS REPORT

Date	Details
March 16th, 1960	Dummy run w/power locator. Depth 4115', Mud Wt. 8.8, Visc. 77, W.L. 3.2, F.C. 2/32 pH 10.5.
March 17th, 1960	Hoisting D.S.T. #2. Depth 4115'. Mud Wt. 8.8, Visc. 58, F.C. 2/32, pH 10.5 Remarks. Set model K Baker Bridge Plug at 3788', Run DST #2 Interval 3874 - 74. Miss run due to packer setting on top of liner and opening. Rec. 3236' of drilling mud. Perforate by Schlumberger 2 shots per foot 3784 - 74. DST # 2. 2338 ft. of fluid in tubing owing to tool opening.
March 18th, 1960	Waiting on orders. Depth 4115' D.S.T. #3. Tool Failed.
March 19th, 1960	Perforate. Depth 4115', made PBTD - 3788'. Remarks: Run in w/ Baker model 410 packer & MPC Tool.
March 20th, 1960	Blowing well. Depth 4115', made PBTD - 3788' Remarks: Perforated 3750' - 3758' - 2 shots per foot. MPC Tools set at _____ Packer set at _____ At 7:50 AM Bailer and House burned.
March 21st, 1960	Attempt to perforate. Depth 4115'. Remarks: 22 Bbls. Mud Ban pumped in hole to kill well to Perf.
March 22nd, 1960	Blowing Well. Depth 4115', Remarks: Perf. 64 shots 4 shots per foot. 3738-58 Swab well 1100' one trip to flow. 1/2" Choke ass. 752# Dead Wt. Tester. 5.875 mmcf/day Still blowing considerable fluid spray. Will increase choke to 3/4" and flow all night.
March 23rd, 1960	Flowing well. Depth 4115'. Remarks: Treat well w/66 bbls. of Deisel & Mud Ban and leave shut-in 7-1/2 hours.
March 24th, 1960	Waiting on trucks to move. Depth 4115'. Remarks: 8:00 - 4:00 Blowing Well 4:00 - 8:00 Tearing Out. Blow water out of 9-5/8" and fill up 15 gallons deisel. Install instalation nipple.
March 25th, 1960	Pressure test with Otis. Remarks: Ran a CAMCO plug - failed to hold Ran an Otis CW Plug - Landed at 3430'. Left 500# on well head. Derrick is down and ready to move.
March 26th, 1960	Remarks: Rig released 12:00 Midnight, March 26th, 1960 To go on rental basis.

E VIII COMPLETION DETAILS

COMPLETION DETAILS

Date	Details
March 17/60	
8:00 AM - 9:30 AM	Ran in hole with Schlumberger wire line with 3-5/8" Magnetic Collar Locator tagged top of 5" liner at 3532, bottom of liner at 3796'. Ran Strip Log of liner collars found Strip Log reading 1 ft deeper than Gamma Ray Neutron March 14/60). Corrected Strip Log to Gamma Ray Neutron - estimate Strip Collar log reading 1 ft deeper than Gamma Ray Neutron.
9:30 AM - 12:00 AM	Picked up Baker Model K Cast Iron Bridge plug for 5" O.D. Liner ran in hole on Schlumberger wire line Set Bridge Plug at 3788 Gamma Ray Neutron measurement or 3787' K.B. Strip Log measurement at 11:30 a.m, March 16/60.
12:00 AM - 1:30 PM	Lay down Schlumberger Close Blind rams in Cameron BOP Pressure test casing Liner and Bridge Plug to 1275# psi for 15 min - held OK.
1:30 PM - 6:30 PM	Pick up Hydril and Cameron Double Ram BOP.s and remove single ram Cameron spool type BOP.s with 2-7/8" tubing rams installed. Install tubing spool and reinstall Cameron Double Ram and Hydril B.O.P.
6:30 PM - 9:00 PM	Ran Schlumberger to perforate interval 3774-3784' Gamma Ray Neutron (March 14/60) measurement with 2-1/8" OD Schlumberger Capsule Jet Gun - 22 gram charges. Perforated by casing collar strip log. Fired gun at 7:55 p.m, March 16/60.
9:00 PM - 2:00 AM	Lay down Schlumberger. Rig up testing tools to run D.S.T. Wait for daylight.
2:00 AM - 7:00 AM	Run in hole with drill stem testing string. Running drill stem test to test perforated interval 3774-3784 (in 5" liner). Open tool at 6:00 a.m. No initial puff, left tool open for 60 min.
7:00 AM - 7:15 AM	Final shut in for 15 min.
7:15 AM - 8:00 AM	Unseat tool and start out of hole with tubing D.S.T. string.
March 18/60	
8:00 AM - 8:45 AM	Continue pulling out of hole with tubing D.S.T. string.
8:45 AM - 9:15 AM	Recovered 2338 feet of drilling mud. Found Testing tool had opened while getting down into top of 5" liner. Picked up.
9:15 AM - 10:15 AM	Running in hole with D.S.T. #3 to retest perforated interval 3774-3784'. Opened the tool at 10:15 a.m by dropping bar.

COMPLETION DETAILS

Date	Details
10:15 AM - 11:15 AM	Tool open 1 hour - Weak initial puff dead after tool open for 1½ min.
11:15 AM - 11:30 AM	Tool shut in for final - 15 mins.
11:30 AM - 1:30 PM	Pull out of hole with D.S.T. #3 found clock for Amarada Pressure bomb recorder had failed while running in hole. Clock broken and unable to be repaired in the field. (Nearest clock for bomb - in Edmonton).
1:30 PM - 8:00 AM	Waiting on Orders. Removed wellhead tubing spool and reinstalled Cameron type B.O.P. Spool with 2-7/8" tubing rams installed. Waiting for equipment to be hauled out from Fort St. John to Fort Nelson and hauled in from Nelson to rig by air.
March 19/60	
8:00 AM - 12:30 PM	Waiting for equipment to arrive from Ft. Nelson.
12:30 PM - 7:00 PM	Picking up bottom hole equipment and running in hole with production tubing string.
7:00 PM - 9:30 PM	Lay down Hydril and Cameron B.O.P. (Leaving the Cameron spool type single ram B.O.P. on top of the Casing Bowl Flange). Set the Baker 410 packer in circulating position.
9:30 PM - 12:00 MN	Clean suction mud tank into other tanks and fill with water.
12:00 MN - 2:00 AM	Displace the mud from the hole with water. Displace the water from the tubing with diesel stove oil, using 30 bbls of Diesel oil. Pull up and set the packer in the closed position.
2:00 AM - 6:00 AM	Installed the wellhead Xmas tree (2½" - 900 series) and head up. Close rams on ram type BOP tightly. Pressure test 7" Casing annulus and 5" liner annulus to 1000# psi for 10 min. - holding OK.
6:00 AM - 8:00 AM	Rig up Schlumberger to perforate interval (3750 to 3758) Gamma Ray Neutron measurement with 2 shots per foot of 1-11/16 Schlumberger Expendable jet charges - 18 grams per charges. Correlated Strip Log to Gamma Ray Log - Strip Log reading 1 ft deeper than Gamma Ray Neutron. Gun fired at 8:00 a.m, March 19/60.
March 20/60	
8:00 AM - 8:45 AM	Laid down Schlumberger perforating equipment and rig Schlumberger to swab - Well dead after perforating.
8:45 AM - 11:15 AM	Swabbing with Schlumberger. Swabbed approximately 12 to 15 bbls of diesel fuel from tubing - Well started flowing at 11:15 a.m.
11:15 AM - 12:30 PM	Shut well in and removed swabbing equipment (5 mins). Open the well to the flare. Tubing 7_/ psi. Casing dead. Well finished blowing out diesel oil at 12:00 noon. Made approximately 2 bbls of muddy water then produce approx. 2 bbls drilling mud. Continued to make some muddy water by heads till 12:30 p.m - decided to stopcock flow.

COMPLETION DETAILS

Date	Details
12:30 PM - 7:00 PM	Started step cooking. At 1:[illegible] p.m - Build up 900# psi in 15 min., flowed at estimated 50,000 cu.ft per day on a 3/4" choke. Flow gradually increased until from 4:00 p.m -7:00 p.m. Pressure build up in 15 min. on tubing - 1300# psi draws down to flow rate of est. 106,000 cu.ft per day on 3/4" choke and flow pressure of 80# psi. Draws down in 3 min.
7:00 PM - 9:15 PM	Well shut in. Tubing shut in pressure of 1285# psi D.W.T.
9:15 PM - 8:00 AM	Start Gas test clean up run:- 1/2" fixed Choke at wellhead Flowing tubing pressure of 379# psi DWT Flowing temperature 63° F Flowed well for 10 hrs and 45 mins
March 21/60	
8:00 AM - 1:00 PM	Continued clean up run on gas test. 1/2" Fixed Choke on wellhead Flowing tubing pressure of 376# psi DWT Flowing temperature 63° F Flowed well a total of 16 hours (9:15 p.m till 1:00 p.m) Flow rate of 2.45 million cubic feet per day. (1) Obtained 1 gas sample at above conditions. (2) Negative reaction to Lead Acitate test (No trace of H_2S continuous fluid spray from flare with appearance of muddy milky filtrate estimate 10 to 12 bbls per million cubic feet - caught a sample of the filtrate).
1:00 PM - 10:45 PM	Continued to flow the well to the flare - Same conditions as above - 372# psi DWT Shut well in at 10:45 p.m - tubing pressure gained from 372# psi DWT to 1400# psi.
10:45 PM - 3:30 AM	Rig up Dowell Mixed 40 bbls of diesel oil with 30 gallons of mud ban (2% by Volume) Spotted Mud Ban treatment on bottom at 1/2 bbls per min.
3:30 AM - 7:00 AM	Rigged up Schlumberger and attempted to get in hole with Perforating Gun. Were unable to get below tubing spool with tools. The more the well was left open the more the Mud Ban treatment ran over. Broke the bottom shot in half while attempting to get tools in hole. Decided to fill 2500 feet of tubing with hot water. (At 7:50 a.m March 20/60 Boilerhouse and Boiler burnt down - unable to use Boiler and equipment - drained rig. Tool push ordered out another boiler.)
March 22/60	
8:00 AM - 11:00 AM	Waiting for water.
11:00 AM - 11:45 AM	Rigged up Dowell to kill the well down the tubing. Pumped 15 bbls of water followed by 5 bbls of diesel fuel this also squeezed the remaining 18 bbls of Dowell Mud Ban into the formation (3750 to 3758'). At an injection rate of 2 bbls/min. at 600 # psi. Well dead by 11:45 a.m

COMPLETION DETAILS

Date	Details
11:45 AM - 2:00 PM	Ran in the hole with Schlumberger sinker bars and Magnetic Collar Locator to make sure the tubing was clear before running in with Perforating gun. Ran in hole to 3758' - OK Ran in the hole with Schlumberger 1-11/16 O.D. Capsule gun. Perforated interval 3738 to 3758' Collar Log correlated to Gamma Ray Neutron Log. Gun Loaded - 3738 to 3750 feet, 12 feet ½ shots per foot 3750 to 3758 feet, 8 feet 2 shots per foot Fired Gun at 1:25 p.m., March 21/60 - Well dead.
2:00 PM - 2:45 PM	Rigged up Schlumberger to swab. Pulled 2 swabs - which totaled 1000 feet of fluid - Well kicked off - flowing to the flare.
2:45 PM - 3:00 PM	Well flowing.
3:00 PM - 3:50 PM	Well shut in. Replaced all fittings on flare line.
3:50 PM - 4:40 PM	Opened the well to the flare. Tubing Pressure 1040# psi. Flowing wide open through a 2" line - 200# psi tubing pressure. Increasing to 250# psi by 4:40 p.m.
4:40 PM - 4:50 PM	Shut well in (attempted to stopcock well at this time) for 10 min build up pressure built up to 250# psi to 1325# psi in 10 min. Opened the well to the flare.
4:50 PM - 9:45 PM	Well flowing to the flare through a 2" line.
9:45 PM - 10:15 PM	Installed choke.
10:15 PM - 11:45 PM	Well flowing to the flare. Choke Size 1/2". Flow Pressure 752# psi DWT. Flow Rate 4.7mmcf/day. Flow Temp. 72° F.
11:45 PM - 12:00 MN	Re-set choke on a 3/4" choke.
12:00 MN - 8:00 AM	Flowing the well to the flare - flow report as follows: (Installed a 3/4" fixed choke on head).

Time	Flow Temp.	Pressure	Flow Rate	Remarks
1:05 a.m	74°F	418 psi DWT	6.71 mmcf/day	
2:00 a.m	75°F	420 psi		
3:00 a.m	77°F	430 psi		
4:00 a.m	80°F	490 psi		Flare being put out intermittently. throughout the night by heavy mud sprays
5:00 a.m	82°F	530 psi		
6:00 a.m	83°F	520 psi		
7:00 a.m	83°F	520 psi		
8:00 a.m	84°F	538 psi	7.78 mmcf/day	Continuous heavy fluid spray mud

March 23/60

8:00 a.m - 6:00 PM Continue to flow the well to the flare, flow Report as follows, 3/4" choke installed.

Time	Flow Temp.	Pressure	Flow Rate	Remarks
8:00 a.m	84°F	538# psi DWT	7.78 mmcf/day	Continuous heavy spray OF fluid - mud
9:00 a.m	84°F	533# psi DWT	7.70 mmcf/day	

COMPLETION DETAILS

Date		Details	
10:00 a.m	83°F	413# psi DWT	6.0 mmcf/day
11:00 a.m	82°F	422# psi DWT	6.15 mmcf/day
11:30 a.m	82°F	445# psi DWT	6.5 mmcf/day
11:45 a.m	82°F	437# psi DWT	6.36 mmcf/day
12:00 noon	83°F	447# psi DWT	Shut well in to remove choke seat nipple. Opened well direct to flare on 2".
1:00 p.m	80°F	155# psi DWT	Blowing direct to pit on 2" - 3" side static 7.06 mmcf/day
2:00 p.m	82°F	160# psi DWT	4½" side static 7.06 mmcf/day
3:00 p.m	82°F	145# psi DWT	3-3/4" side static (Continuous fluid spray heading intermittently and putting out flare mud)
4:00 p.m	83°F	162# psi DWT	5" Side static 7.25 mmcf/day
5:00 p.m	81°F	162# psi DWT	5-1/4" Side static
6:00 p.m	81°F	160# psi DWT	4-3/4" Side static

6:00 PM - 8:15 PM — Continue flowing well to the flare.

Time	Flow Temp.	Pressure	Flow Rate	Remarks
6:00 p.m	84°F	160# psi DWT	4-3/4" Side Static	
7:00 p.m	85°F	168# psi DWT	6" Side Static 7.6 mmcf/day	
8:15 p.m			Shut well in -	

8:15 PM - 10:00 PM — Shut well in Big Dowell to squeeze Mud Ban treatment into the formation (3738 to 3758). Started pumping 40 bbls of diesel fuel with 2% Mud Ban (by volume) added - Tubing Pressure 1300# psi Casing pressure 1175# psi. Pumped directly down tubing at 2 bbls per min. Displaced treatment into formation with 23 bbls of Diesel Oil. Maximum injection pressure - 1300# psi. Final injection pressure - 500# psi. Standing pressures tubing - 0# psi, casing - 450# psi.

10:00 PM - 7:00 AM — Well shut in - waiting for Mud Ban treatment to react.

7:00 AM - 7:30 AM — Open the well to the Sump Tubing pressure 200# psi. Unloaded fluid in tubing in 5 mins. Shut well in change lines over to flare line - 7:10 a.m to 7:30 a.m, and retighten line connections.

7:30 AM - 7:42 AM — Open the well direct to flare through 3" riser.

7:42 AM - 7:50 AM — Shut well in retighten line leaks.

7:50 AM - 8:00 AM — Open the well to the flare through 3" riser - 2" opening. Side static pressure 5-1/4" psi, flow rate 7.25 mmcf/day. Continuous heavy muddy fluid spray (milky muddy).

COMPLETION DETAILS

Date	Details

March 12/60

8:00 AM - 4:00 PM Continue to flow the well to the flare on 2" full opening:-

Time	Flow Temp.	Flow Pressure - psi	PSIA	Flow Rate mmcf/day - Remarks
8:05 a.m		190	1147	7.25 (5-1/2 psi on 3" Side Static pressure)
9:00 a.m		205	162	7.0 (Static 4½ psi on 3")
10:30 a.m	68°F	180	138	6.62 (Static 3-3/4 psi) Continuous diluted muddy spray.
11:00 a.m	70°F	190	149	6.3½ (Static 3¼ psi) Continuous diluted muddy spray.
12:00 noon	73°F	190	151	6.52 (Static 3-3/4 psi) Heavy muddy fluid spray.
1:00 p.m	76°F	195	152	6.62 (Static 3-3/4 psi) " " fluid spray.
2:00 p.m	77°F	180	139	Static 3¼ psi. Shut well in to install flowcross and 1/2" fixed choke.
2:15 p.m		-	1309	Shut in pressure on tubing.
3:00 p.m	79°F	-	759	4.72 on 1/2" fixed choke. Continuous heavy fluid spray.
4:00 p.m	79°F	-	759	4.72 on 1/2" fixed choke had 4 samples of Gas taken from wellhead at 4:15 p.m. - 2 - for Signal Oil - 2 - for Home Oil Company.

4:00 p.m Well shut in.

4:00 p.m - 8:00 a.m Ran Cameo 2-1/2" Blanking plug and set in the bottom of the 2-1/2" Cameo MPC Mandrel on Otis wire line. Tear out Rotary Rig.

PERFORATING: (Give all details re perforating as to date, interval, (depth reference, equipment used and any special comments (on original job and all subsequent jobs).

3664'- 3665'

March 16, 1960 Perforated interval 3774'-3784' Gamma Ray Neutron (March 14, 1960) Measurement with 2-1/8" OD Schlumberger Capsul Jetgun - 22 gram, 3 shots per foot charges. Perforated by Casing Collar strip log correlated to Gamma Neutron log. Gun fired at 7.55p.m. March 16, 1960. Ran strip log off perforations - Checked O.K.

March 19, 1960 Perforated interval 3750'-3758'. Gamma Ray Neutron measurement with 1-11/16 OD Schlumberger Capsul Jetgun, 22 shots per foot, 18 gram charges (through tubing). Perforated by Casing Collar Strip Log correlated to Gamma Ray Neutron Log, strip log reading 1' deeper than R.A. log. Gun fired at 8.00.a.m. March 19, 1960 Unable to run strip log of perforations due to line failure.

March 21, 1960 Perforated interval 3738'-3758'.
(3738'-3750' - 4 shots per foot)
3750'-3758' - 2 shots per foot)

with 1-11/16 OD Schlumberger Capsul Jetgun, 18 gram jet charges (through tubing). Perforated by Casing Collar - Strip Log correlated to Gamma Ray Neutron log - strip log reading 1' deeper than Gamma Ray Neutron Log. Gun fired at 1.25.p.m. March 21, 1960. Ran strip log off all perforations - Checked O.K.

ACIDIZING: (Give all details of job as to date, volumes, pressures, feeding rates, additives, etc. and any special comments (of original jobs and all subsequent jobs).

NIL

SAND FRAC (Give all details of jobs as to date, volumes, sand, carrying agent, pressures, rates and any special comments of original job and subsequent jobs.)

OTHER SPECIAL WORK PERFORMED

March 21, 1960 Treatement of perforated section, 3750' to 3758'. Mixed 40 bbls. of diesel with 30 gals. of Dowell mud ban (2% by volume). Spotted mud ban treatment on bottom by pumping directly down the tubing at 1/2 bbl. per min. Injection pressure down tubing started at 1400# psi and decreased to 300# psi.

Shut down with mud ban treatment on bottom - attempted to get Schlumberger line in hole to perforate - but unable to. Squeezed the mud ban treatment into the formation at a maximum injection pressure of 500# psig and a maximum injection rate of 2 bbls. per min.

March 22, 1960 Treatment of total perforated section, 3738 to 3758'. Mixed 40 bbls. of diesel with 30 gals. of Dowell mud ban (2% by volume). Spotted mud ban treatment on bottom by pumping directly down the tubing at 2 bbls. per min.

Maximum injection pressure - 1300# psig. Maximum injection rate - 2 bbls. per min.

Final injection pressure - 500# psig. Final injection rate - 2 bbls. per min.

Stand pressure - 10 mins. Tubing - 0# psig.

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company DATE March 17th 1960

WELL Home et al Colebrun Lake #2 FIELD N W T W C

TEST UNIT # Critical Flow Prover CREW 1. Don Demers ___ HRS.

TRANSPORT # Unit #22 2. ___ ___

MILEAGE 80 Miles 3. ___ ___

RENTAL ___ 4. ___ ___

ENGINEER F. G. Swant

DAILY ORDERS

Prepare the following equipment for transport to Northwest Territories location and ensure that all necessary fittings, connections, and tools are complete. 2" Critical Flow Prover and set of plates, Pressure & Temperature Recorder w/charts, Flow cross c/w unions, choke nipples and assorted positive chokes, Tatwler, Oreat sample Bombs, Dew Point Tester, Dead Weight Tester and chemicals.

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
8:00am-4:00pm	Assemble equipment and instruments and check operation.
4:00pm	Instructions received to proceed from Edmonton to lease.
6:30 pm	Left Edmonton to location in Unit #22.
Midnite	Enroute from Edmonton to Fort Nelson.

REMARKS:

WORK ORDER No. ___

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY [illegible] DATE March 1st 19 61

WELL [illegible] FIELD N W T W C

TEST UNIT # Central Flow Prover

TRANSPORT # Unit #22

MILEAGE 705 Miles

RENTAL

CREW 1. D. Dawes ___ HRS.
2. ___
3. ___
4. ___

ENGINEER E. G. Swain

DAILY ORDERS

Report to Home Oil office in Avenlee Hotel in Fort Nelson for directions to location and orders.

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
Midnight to 11:00am	Enroute to and arrived at Fort Nelson Standby in Fort Nelson
Midnite	Instructed to leave for location at 2:00 am when roads are frozen.

REMARKS:

WORK ORDER No. ___

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company

DATE March 19th 1962

WELL Home et al Columbia Lake #1

FIELD N.W.T. W.C.

TEST UNIT # Critical Flow Prover

TRANSPORT # Unit #22

MILEAGE 152 Miles

RENTAL

CREW 1. D. Dennis HRS

2.

3.

4.

ENGINEER E. G. Sykes

DAILY ORDERS

2:00 am Procede from Nelson to location.

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
2:00am.	Left Fort Nelson for location
8:00am	Arrived at location - Operation in progress - Schlumberger perforating with W.L.
10:00 - 1:30pm	Schlumberger swabbing.
Noon - 1:30pm	Well blowing very weak. Blow after unloading fluid (diesel oil from hole)
1:00pm	Began stop-cocking well.
2:00pm	Well shut in for 15 minutes to build up to 1000 psi, then flown down for 10 minutes intervals. Recovering mud.
2:00-2:35pm	Well flowing at 20 psig Tubing pressure and approx. 50 mcf/day.
2:35 pm	Well shut in.
3:00pm-7:00pm	Removed 3/4" (2" OCT Adjustable choke) and stop cocked well for 10 min. blows following 15 min. shut in periods - Shut in pressures increasing to 1250 psi(g) with stronger blows but continue to draw down to 106,000 cu.ft. per day. Wellhead pressure build up to 1000 psi in 10 min. Recovery of lost circulation materials during blow down. Blows increasing in Volume initially but draw-down within 5 min. Fluid recovery delute mud decreasing during day.

REMARKS:

WORK ORDER No.

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company

WELL Home et al Cecil Lake #2

DATE March 19th 19 60

FIELD (cont'd)

TEST UNIT #

TRANSPORT #

MILEAGE

RENTAL

CREW 1. HRS.

2.

3.

4.

ENGINEER

DAILY ORDERS

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
8:00pm-9:30pm	Installed 2" flow cross on wellhead with Barton pressure and temperature recorder - Zeroed meter and callibrated recorder reading 5 psi low on pressure.
9:40 pm	Shut in tubing head pressure 1285 psi DWT. Installed 1/2" choke in bean and opened well.
12:00 Midnite	Flow rate 2.55 mmcf/day on 1/2" fixed choke; flow pressure 400 psi(g); Flow temperature 58.5°F; Well producing continuous heavy spray of fluid. Dark Brown and Gassified (Mud).

REMARKS:

WORK ORDER No.

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company DATE March 10th 1960

WELL Home et al Celebrity Lake #2 FIELD N W T W C

TEST UNIT # Critical Flow Prover CREW 1. D. Demers HRS.

TRANSPORT # Unit #23 2. HRS.

MILEAGE 3. HRS.

RENTAL 4. HRS.

ENGINEER F. G. Swann

DAILY ORDERS

Continue Blowdown on 1/2" choke to clean well.

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
12:00 Midnite	Choke 1/2"; Flow Rate 2.55 mmcf/day at flowing tubing pressure of 400 psi(g) and temperature 58.5°F.
3:00am	Pressure line freezing continually - clock on meter froze off and removed meter from service.
8:00am	Choke 1/2":Flow Rate 2.23 mmcf/day at flowing tubing pressure of 343 DWT and temperature 61°F.
12:00 Noon	Choke 1/2"; Flow Rate 2.42 mmcf/day at tubing flow pressure of 373 psi DWT at temperature 63°F.
1:00 pm	Choke 1/2"; Flow Rate 2.45 mmcf/day at tubing flow pressure of 379 psi DWT at temperature 63°F. Continuous misty white fluid spray.
4:00pm-9:30pm.	Continued flowing on clean up run on 1/2" choke. Flow rate fluctuating but averaging 2.45 mmcf/day.
9:30pm	Obtained gas sample #2 Bomb #259 at 370 psi and 62°F.
10:45 pm	Shut well in for chemical treatment and reperforation.

REMARKS: Negative reaction to lead acetate test at 9:30am after 12 hours flow. Sample #1 gas taken at 1:00pm Chem. & Geo. Bomb #256 - Pressure 379 psi and temperature 63°F.

WORK ORDER No.

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company

WELL Home et al Cripple Lake #2

DATE March 31st 19 82

FIELD N.W.T. W.C.

TEST UNIT # Critical Flow Prover

TRANSPORT # Unit #25

MILEAGE

RENTAL

CREW 1. Don. Dawson HRS.

2.

3.

4.

ENGINEER F. G. Sweet

DAILY ORDERS

Well shut in for 40 bbl. treatment with Dowell Mud Ban (2% chemical - 98% diesel) and reperforation from 3758-62. When completion operations complete, place well on blowdown and record volumes pressure and temperatures.

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
Midnite-3:55pm	Well completions being carried out.
3:50 pm	Tubing shut in pressure = 1300 psi(g)
3:55 pm	Opened well direct to flare through 2"
4:35 pm	Stop-cocking well with 10 minute shut in periods and 5 minute blowdowns.
5:05 pm	Continued to rock well and with increased flow volume left well flowing direct to flare on full 2".
9:30 pm	Continued to flow direct to flare with flowing pressure varying from 150 psi(g) to 190 psi(g) averaging 165 psig. Continuous heavy brown dilute mud spray. Shut well in to install flow cross and 1/2" fixed choke.
10:15 pm	Shut in tubing head pressure 1290 psig. Opened well.
11:15 pm	Choke 1/2"; Flow rate 4.7 mmcf/day at 752 psi DWT and flowing temperature of 72°F.
11.45 pm	Shut well in to change choke nipple to 3.4" and blowdown overnight.

REMARKS:

WORK ORDER No.

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company

DATE March 22nd 19 61

WELL Home et al Colemac Lake #2

FIELD S.W.T.

TEST UNIT # Canoga Flow Prover

TRANSPORT # Unit #22

MILEAGE

RENTAL

CREW 1. Don Devers ____ HRS.
2. ____ ____
3. ____ ____
4. ____ ____

ENGINEER F. C. Swarz

DAILY ORDERS

Install 3/4" choke nipple and continue clean up run.

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
12:05 am	Choke 3/4" - Opened well to flare.
1:05 am	Flow rate 6.1 mmcf/day at 418 psi DWT & 74°F Temperature.
8:00 am	Continued flowing well overnight with flow rate increasing to 7.78 mmcf/day at flow pressure of 538 psi DWT and flow temperature of 84°F.
9:00 am	Flow rate 7.70 mmcf/day at 534 psi DWT and temperature 84°F.
10:00 am	Flow rate decreased abruptly to 6.0 mmcf/day at flowing tubing pressure of 413 psi DWT and 83°F. temperature.
12:00 noon	Continued flow on 3/4" choke with flow rate increasing to 6.50 mmcf/day at 83°F - shut well in to remove choke to flare direct through 2"
12:22 pm	Opened well direct to pit.
8:15 pm	Blow down continuous to pit on 2" with pressure fluctuations from 145 psi to 168 psi with flow rate gradually increasing to 7.6 mmcf/day.
8:15 pm	Shut well in for stimulation treatment. Continuous fluid spray throughout blow down, heading slugs intermittantly and extinguishing flare.

REMARKS:

WORK ORDER No. ____

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company DATE March 23rd 19 80

WELL Home et al Celebrity Lake #2 FIELD N.W.T.

TEST UNIT # Critical Flow Prover & Recorder CREW 1. Don Darners ____ HRS.

TRANSPORT # Unit #22 2. ____

MILEAGE ____ 3. ____

RENTAL ____ 4. ____

ENGINEER F. G. Sutton

DAILY ORDERS

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
Midnite	Well shut in with chemical in hole.
6:55 am	Tubing shut in pressure 200 psi(g) - Flare line relocated clear of diesel oil pit.
7:00 am	Opened well direct to pump on 2" to unload fluid with gassified fluid heading within 5 min.
7:10 am	Shut well in to swing line from sump to flare.
7:30 am	Tubing shut in pressure 500 psi opened well to flare full 2" - shut well in to tighten line leaks.
7:42 am	Opened well direct to flare with no restriction
7:50 am	Tubing flow pressure 147 psi DWT
8:05 am	Tubing flow pressure 162 psi DWT - Side static check on 3" riser 5-1/4 psi(g) = 7.25 mmcf/day.
9:00 am	Tubing flow pressure 138 psi DWT Flow temperature = 68°F. Flow rate 6.62 mmcf/day.
10:30 am	Continued flowing well wide open to clean up. blowdown averaging 6.6 mmcf/day at flowing pressure fluctuating from 139 psi to 152 psi DWT. Continuous heavy spray with appearance of dilute drilling mud.
2:00 pm	

REMARKS:

WORK ORDER No. ____

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company

DATE March 23rd 19 63

WELL Home et al Colemun Lake #2

FIELD [illegible]

TEST UNIT #

TRANSPORT # U-it #22

MILEAGE 152 miles

RENTAL

CREW 1. HRS.
2.
3.
4.

ENGINEER

DAILY ORDERS

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
2:15 pm	Tubing shut in pressure 1309 psi DWT. Installed flow cross and 1/2" choke nipple and opened well at 2:15 pm.
3:00 pm	Choke 1/2" Flowing tubing pressure 759 psi DWT at 79°F and flow rate of 4.72 mmcf/day. Continuous heavy fluid spray.
4:00 pm	Choke 1/2" Tubing pressure 765 psi DWT at temperature of 79°F. Flow rate 4.75 mmcf/day. Obtained gas sample in Chem. & Geo. Bomb #174 at Tubing flow pressure of 765 psi DWT and Temperature 79°F. Sample from wellhead manifold. Ambient temperature 16°F and Barometric pressure 30.02"H_g
4:30 pm	Shut well in and suspended clean up blow down.
4:45 pm	Obtained static gas sample from wellhead manifold with well shut in tubing pressure 1309 psi DWT and gas temperature 73°F. Bomb pressure 300 psi. Sample obtained for comparrison purposes with flowing sample mud contaminated.
6:00 pm	Rigged out and left lease for Fort Nelson.

REMARKS:

WORK ORDER No.

SIGNED AND APPROVED BY

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

GAS TEST ENGINEERING LTD.

DAILY OPERATIONS REPORT

COMPANY Home Oil Company

DATE March 24th 19 60

WELL Horne et al Colville Lake #2

FIELD N. W. T.

TEST UNIT # _____

TRANSPORT # Unit #22

MILEAGE 705 miles

RENTAL _____

CREW 1. Don Demers ____ HRS.

2. _____

3. _____

4. _____

ENGINEER E. G. Swann

DAILY ORDERS

_____

COMPANY REPRESENTATIVE

DETAILS OF OPERATIONS:

TIME	
24 hours	Returned from Fort Nelson to Edmonton. Test suspended with no further operations to be undertaken at this time.

REMARKS:

WORK ORDER No. _____

SIGNED AND APPROVED BY

_____

OWNER'S REPRESENTATIVE

All Accidents Must Be Recorded and Reported Immediately

HOME OIL COMPANY LIMITED

WELLHEAD REPORTS

ORIGINAL (or) REPLACEMENT REPORT Date: March 22, 1960

Well Name: HOME SIGNAL CSP CELIBETA NO. 2

WELLHEAD :

Casing Bowl: Make: OCT Type: C-19
Size: 9-5/8 x 10" Series No: 900 Side Outlets No. 2
Screwed or Flanged: Screwed
Slip & Pack Off Size: 10 x 7" Type: C-19-C Make: OCT
Flange Size: 10" Screwed or Slip On: Slip-on
Casing Bowl Valve: No. 1 Size: 2" Make: Orbit Type: 2000# WP
Reinstallation Nipple: Size: ____ Make: ____ Type: ____

Tubing Spool: Make: Cameron Type: LD BOP spool w/2-1/2" tbg. rams installed
Series No. 900 Size Bottom Flange: 10" Size Top Flange: 6"
Side Outlets: No. 2 Size: 2" Screwed or Flanged: Flanged
Dog Nut Size: None Make: - Type: -
Tubing Spool Valves: No. 1 Size: 2" Make: McEvoy Type: Fig. 125
Reinstallation Nipple: Size ____ Make: Cosasco Type: ____

Double
Master Valve: Size: 2-1/2 Make: McEvoy Type: 1500 Series Screwed/Flanged: Flanged
Wing Valve: Size: ____ Make: ____ Type: 1500 Series Screwed/Flanged: Flanged
Other Valves: Double master valves

Thread Connection on Tee for Lubricators: Inside: 2-7/8" 8 rd. thd.
Outside: OCT type thread

Tubing spool bore - 6-3/8" I.D.

TUBING STRING

Date Run: March 18, 1960

Production Tubing String in Hole as follows: (bottom to top)

Quantity	Description of Materials	Footage	
1	Baker 410 Packer for 5", 15#/ft., J-55 casing with 2-3/8" Box on both ends	4.16'	
7 jts.	2-3/8" EUE 4.7#/ft., J-55, 8 rd. thd. tubing	205.41'	
1	2-3/8" EUE x 2-7/8" EUE 8 rd. thd. Swadge and Collar	.76'	
1	2-7/8" EUE Camco MPC Mandrel with side pocket dummy installed	8.15'	
117 jts.	2-7/8" EUE 6.5#/ft., J-55, 8 rd. thd. tubing	3447.44'	
1 jt.	2-7/8" EUE 6.5#/ft., J-55, 8 rd. thd. tubing	30.66'	
	Total Length of Production Tubing String	3696.58'	
	Kelly Bushing to top of Spool type BOP	10.75	
	Production Tubing String landed at	3707.33'	K.B. tubing measurement

Bottom of
Baker 410 Packer set at 3707.33' K.B. Tubing Measurement, or
3706.00' K.B. Electric Wire Line Measurement
with 16,000# upstrain on tubing.

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 89 DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG No. 216 DATE [illegible]

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE [illegible] TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
9:00 a.m.	9:00 p.m.			TEAR OUT RE-RUN TOOLS

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Frank Kabal	12
DERRICK MAN 4 Followers	12
MOTOR MAN	
HELPER Raine Warren	12
HELPER Carl Knight	12
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8:00 a.m.	5:00 p.m.			TEAR OUT
				OTIS Knife in w/ Casing Blanking Knife-Tool
				Failed To Work
				Left in W OTIS C.W. Plug - SET @ 3430'
				Rig released for moving @ 4:00 P.M. Wed 24/60

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER E.D. Trottier	11
DERRICK MAN Ed-Tanner	11
MOTOR MAN Earl Faulkner	12
HELPER Robert Atkins	11
HELPER Wm. McCracken	12
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

L. Stanford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 88 DAY FROM SPUD DATE

WELL: Home Sundal C.S.P. Colville #2 | LSD. | SEC. | TWP. | RNGE. | COMPANY: Home Oil Co. | W/ MER. | PROVINCE: N.W.T.

RIG NO. 26 | DATE: March 23-62 | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
12 00			
	6 00		
6 00	7 00		
7 00	8 00		

FORMATION AND EXPLANATION

Move Flare Line Tear Out
2 1/8" Line & Lay Down Kelly
Mouse Hole
Blow Down Well
Blowing Well

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Peter Kaperak	8
DERRICK MAN	A. Crawford	8
MOTOR MAN	John Martin	8 1/4
HELPER	Bruce Warden	8
HELPER	Jack Kinch	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
8 00	4 00		

FORMATION AND EXPLANATION

Rig Idle
Tear Out

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Ed Trattler	13
DERRICK MAN	Ed Trattler	13
MOTOR MAN	Sam Doulk	13
HELPER	Robert Atkins	13
HELPER	Don McConachie	13
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
4 00	12 00		

FORMATION AND EXPLANATION

Tear Out

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LeBlanc	8
DERRICK MAN	Marvin Raymond	8
MOTOR MAN	Pinhold Muth	8
HELPER	Ray Collins	8
HELPER	Charles Saurd	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 8 1st DAY FROM SPUD DATE

WELL: HOME S. GRAND C.S.P. CALDERA #2 | LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T.

COMPANY: HOME OIL CO

RIG NO. 26 | TOOL PUSHER

DATE: MARCH 22.-60

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME: FROM 1200 TO 8 A.M.

DRILLED: FROM 4115' TO 3788' T.D. T.D. T.D.

FORMATION AND EXPLANATION: LANDING WELL

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER PETER KAPROS	8
DERRICK MAN A. CRAWFORD	8
MOTOR MAN JOHN MARTIN	8
HELPER BRUCE WARDEN	8
HELPER CARL KNUCH	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME: FROM 8 A.M. TO 4 P.M.

DRILLED: FROM 4115' TO 4115'

FORMATION AND EXPLANATION: RUNNING DRILL

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TROTTER	8
DERRICK MAN ED TARNER	8
MOTOR MAN Sam Podnik	8
HELPER ROBERT ATKINS	8
HELPER Wm. MACDONALD	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME: FROM Mid TO 4 A.M. / FROM 4 A.M. TO 10:30 / FROM 10:30 TO 12 MN

DRILLED: FROM 4115' TO T.D. / T.D. / P.B.D. 3788'

FORMATION AND EXPLANATION: Blowing well / Rig up Power Lub Rig Pull Tubing / Cable Rig up Bowl / Well Shutin / Rig up to Run Line / Make Gauge Run / Rig up Bowl / Go Home

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Lapointe	8
DERRICK MAN Maynard Drummond	8
MOTOR MAN Percival Moth	8
HELPER Ray Collins	8
HELPER Chester Calvert	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

Change Over Clock

to Day Tour

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 5th DAY FROM SPUD DATE

WELL: Home Trans Canada Edmonton #3 | COMPANY: Home Oil Co. | RIG No.: 126 | DATE: March 21-62

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER:

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
2:00				MIXED MUD, DIESEL, CIRCULATING
				MUD BAN. PUMP 1200 PSI TO START
				FLUID DOWN TUBING, KILL WELL!!
	4:30			30 BBL FLUID
6:30				DRILL TO PREPARE WORKS TO
				GET DOWN STARTS DRILL
	7:00			EVENING GUN

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Fenn Kapook	9
DERRICK MAN [illegible]	8
MOTOR MAN Tom Martin	8
HELPER Ronnie Weinert	8
HELPER Carl Thumm	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8:00	11:15			MIX WATER
11:15			5	PUMP WATER DOWN TO KILL
	11:45	111		WELL 3750 w/2 Add. 3738-50
11:45	3:00	TV		RUN IN & PERFORATE w/4 Shots
3:00				Run Drill Pipe
	3:30			SHUT WELL IN
3:30				RU TO BLEED WELL

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	45
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER E.D. Tarnick	8
DERRICK MAN E.D. Tarnick	8
MOTOR MAN Tom Sanchuk	8
HELPER Walter Pinno	8
HELPER Alex McPhee	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
Mid	4:30			Running DST Diamond Tool
5:00	9:30	111	370	Recovered Well
9:30	10:00	TD		Install Test Chokes
10:00	12:00			Blow Down Well

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Alfred Lamond	8
MOTOR MAN [illegible]	8
HELPER Pat Collins	8
HELPER [illegible]	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 85 DAY FROM SPUD DATE

WELL: HOME SIGNAL C.S.P. CELIEH #2 | LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE NWT

COMPANY: HOME OIL CO

RIG NO. 26 | DATE MARCH 20-60

TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME: FROM 12:00 TO 8:00

DRILLED: FROM TO — 41½'

FORMATION AND EXPLANATION: BLOWING WELL

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	PETER KAPRAL	8
DERRICK MAN	A. CRAWFORD	8
MOTOR MAN	JOHN MARTIN	8
HELPER	BRUCE WARDEN	8
HELPER	CARL KONUCH	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME: FROM 8:00 TO 4:00

DRILLED: FROM TO — 41'

FORMATION AND EXPLANATION: BLOWING WELL

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	ED TARTIER	8
DERRICK MAN	ED TURNER	8
MOTOR MAN	SAM PAWLUK	8
HELPER	ROBERT ATKINS	8
HELPER	WM. MCDONAGHEE	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME: FROM 4:00 TO 12:00

DRILLED: FROM TO

FORMATION AND EXPLANATION: BLOWING WELL AT Rig'd up for Production

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	LOUIS LEBLANC	8
DERRICK MAN	WILLIAM RAYMOND	8
MOTOR MAN	RONALD FITH	8
HELPER	RAY COLLINS	8
HELPER	[illegible]	8
HELPER		
HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 84 DAY FROM SPUD DATE

WELL Home Regional 8-8 Pouce "A" | COMPANY Fonteir Co | RIG NO. 26 | DATE March 10-60

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
7:00	11:5		
11:5	2:15		
2:15	4:15		
4:15	4:30		
4:30	6:00		
1:00	8:00		

FORMATION AND EXPLANATION

Circulate w/ WATER
Circulate tubing w/ 1000 DIESEL
Set Packer Pull Tail Head
0 SI on Casing 1000# OK
Nipple up Head & Install
SRH Lubricator
Perforate w/ SHOT

DEVIATION

DEPTH	DEGREES
a HARDER	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER LIONEL LeBLANC	8
DERRICK MAN MARVIN PEARSON	8
MOTOR MAN MARVIN LEE MOTT	8
HELPER PAUL COLLINS	8
HELPER CHARLES SHEARD	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
8:00	8:15		
8:15	11:30		
11:30	12:30		
12:30	4:00	SHUT WELL IN AT 10 MIN. INTERVALS & BLOW DOWN TO UNLOAD MUD WATER	

FORMATION AND EXPLANATION

Perforate @ 3750'-58'
Swabbing w/ Schlumberger
Blowing Well

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER PETER KAPRAL	9
DERRICK MAN A. CRAWFORD	8
MOTOR MAN JOHN MARTIN	8
HELPER BRUCE WARDEN	8
HELPER CARL FAUCH	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
4:00	6:30	SHUT WELL IN AT 10 MIN INTERVALS BLOW DOWN TO UNLOAD MUD & WATER	
6:30	12:00	BLOWING WELL	
		41'	

FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TRATTIED	8
DERRICK MAN ED TURNER	8
MOTOR MAN SAM PAWLUK	8
HELPER ROBERT ST. VINCE	8
HELPER [illegible]	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 83 DAY FROM SPUD DATE

WELL: HOME SIGNAL CSP COLIBERTA | COMPANY: 2 HOME OIL CO | RIG NO. 26 | DATE: MARCH 18/66

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE: ALTA. | TOOL PUSHER:

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME: FROM 12 AM TO

DRILLED: FROM TO 1

FORMATION AND EXPLANATION: W.O.O.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	LIONEL LEBLANC	8
DERRICK MAN	WAGNER RAYMOND	8
MOTOR MAN	REINHOLD MUTH	8
HELPER	RAY COLLINS	8
HELPER	CHARLES SAJARD	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME: FROM 9 AM TO 12:30

1230

DRILLED: FROM TO 4115

FORMATION AND EXPLANATION: W.O.O.

Hard Rock Drilling

Circulating & Conditioning Mud

Trip for Bit #6

Drilling

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	PETER KOOSKI	8
DERRICK MAN	[illegible]	8
MOTOR MAN	[illegible]	8
HELPER	[illegible]	8
HELPER	[illegible]	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	2¼ EUE	
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME: FROM 4:30 TO

7:00

7:00 TO 9:00

9:00 TO 9:15

9:15 TO 12:00

DRILLED: FROM TO 4115

FORMATION AND EXPLANATION: Run in Hole Breaking Down

Overshot Out of 2¼ EUE Fishing String

Bottom Cone

Laid Down BCP

Shut Blower

Clean Suction Tank

Fill up Water

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	ED TROTTIER	8
DERRICK MAN	ED TURNER	8
MOTOR MAN	Sam [illegible]	8
HELPER	RICHARD ATKINS	8
HELPER	[illegible]	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 82 DAY FROM SPUD DATE

WELL: HOME SIGNAL PSP PEACE RIVER #2 | COMPANY: HOME OIL CO | RIG NO: 26 | DATE: MARCH 17-60

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER:

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
42	STAND. D.P.	3764.27
2	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	19' 0"
	OTHER	42.92
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.	8N	Lac 9 Sal
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
1200	200		
200			
	530		
530	600		
600	700		
700	730		
730	800		

FORMATION AND EXPLANATION

W.O. DAYLIGHTS TO TEST
PICK UP PARKER RUN IN W/RR
STAND PICK UP BITS
W.O. DAYLIGHTS — DST #2
TOOL OPEN @ 3788-3764
FINAL SHUT IN
HOIST TEST @ 3774 - 84'

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER LIONEL LABLANC	
DERRICK MAN MARION RAYMOND	
MOTOR MAN PERCIVAL SMITH	
HELPER RAY COLLINS	
HELPER CHARLES SAGARD	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
42	STAND. D.P.	3764.27
2	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	42.92
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
900	915		415
915	900		
900	1015		
1015	1115		
1115	1145		
1145	1245		
1245	400		

FORMATION AND EXPLANATION

K.B. SERVICE CHECK K.B. M.P.
HOIST D.S.T #2 RAISE RUN
CHECK TOOL RIN IN W/D.S.T #3
TOOL OPEN
TOOL SHUT IN
HOIST MISRUN
W.O.O

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER PETER KARRAL	8
DERRICK MAN A. CRAWFORD	8
MOTOR MAN JOHN MARTIN	8
HELPER BRUCE WADDEN	8
HELPER CARL KRAUCH	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
42	STAND. D.P.	3764.27
2	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO
400	600		
600			
	800		1115
800			
	1000		
1000	1200		

FORMATION AND EXPLANATION

W.O.O.
TRIP OUT B.O.P. & TUBING
SLOUGH
NIPPLE UP B.O.P. & RAN TRIP
SIGNAL
W.O Daylight

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TROTTIER	8
DERRICK MAN ED TURNER	8
MOTOR MAN SAM PAULSON	8
HELPER ROBERT ATKINGS	8
HELPER WM. MCDONALD	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

All BOPE & Testing Equipment Checked O.K. SAL.

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 21 DAY FROM SPUD DATE

WELL	COMPANY	RIG No.	DATE
Home Consol CSD Pembina "A"	Home Oil Co	2	March 18-80
LSD. SEC. TWP. RNGE. W/ MER. PROVINCE		TOOL PUSHER	
	Alta		

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 7/8 EUE	FEET	RUN No.	
40	STAND. D.P.	3599.25	SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
12:00	6:00		
1:00			
	9:00		

FORMATION AND EXPLANATION

W.O. Schlumberger
Rig up Lubricator
Run in hole + Perforate

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Perlenc	8
DERRICK MAN Maurice Raymond	8
MOTOR MAN Dennis Auth	8
HELPER Dan Perras	8
HELPER Charles Savard	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 7/8 EUE	FEET	RUN No.	
40	STAND. D.P.	3529.25	SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
8:00	10:00		4:15
10:00	12:00		
12:00	12:30		
12:30	4:00		

FORMATION AND EXPLANATION

Run Depth Determination
Set Baker Model K Packer
@ 3798'
P.S.I. 1000 15 min OK
Trap Out BOPs

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Pete Kaprak	8
DERRICK MAN L. Crawford	8
MOTOR MAN Tane Martin	8
HELPER Bruce Warden	8
HELPER Carl Koch	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 7/8 EUE	FEET	RUN No.	
40	STAND. D.P.	3529.25	SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
4:00			
	1:15		
1:15	1:45		
1:45	8:00		
8:00	9:15		
9:15			
	12:00		

FORMATION AND EXPLANATION

Nipple up Tubing Hanger
& B.O.P.
Run Tbg. Retrieve Wireline
Perforating @ 3774'-84'
K.B. Stabs Elevine
W.O. daylight To
Test

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Paulyuk	8
HELPER Robert Atkinge	8
HELPER Wm. McDonagh	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 8th DAY FROM SPUD DATE

WELL Home Signet C.S.P. Pel. Beta 2 | COMPANY Home Oil Co | RIG NO. 216 | DATE March 15-66

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
116	STAND. D.P.	3668.34
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
1200	1215
1215	400
400	615
515	600

DRILLED FROM / TO

FORMATION AND EXPLANATION

Pia Service Check Bop
Pick up Tubing
Light Tubing
W.O. Log Results
0

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Lerland	
DERRICK MAN Harold Raymond	
MOTOR MAN Reinhold Muth	
HELPER Ray Collins	
HELPER Charles Guard	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
41	STAND. D.P.	3529.25
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
6:00	4:00

DRILLED FROM / TO

FORMATION AND EXPLANATION

W.O. Log Results
Transfer Mud Pit Load

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kapchak	4
DERRICK MAN A.C. Crawford	8
MOTOR MAN Tom Martin	8
HELPER Bruce Warren	8
HELPER Carl Koltuk	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
40	STAND. D.P.	3579.25
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
4:00	11:00

DRILLED FROM / TO

FROM	TO
	11:19

FORMATION AND EXPLANATION

W.O. Log Results

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trattler	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Pawluk	8
HELPER Robert Atkins	8
HELPER Jim McCaughey	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

L. Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 79 DAY FROM SPUD DATE

WELL Home Signal C.S.P. Celsius 2 | COMPANY Home Oil Co. | RIG No. 2 | DATE March 14-15

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOLPUSHER

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
44	STAND. D.P.	3992.27
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	1215		4115	Logging. E. Loo
1215	300			Making Ray-Neutron

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	300
WT.	8.8
VISC.	71
W. L. CC.	3.2
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LeBlanc	4
DERRICK MAN	Marvin Paumont	8
MOTOR MAN	Reinhold Muth	8
HELPER	Ray Collins	8
HELPER	Charles Savard	8
HELPER		
HELPER		

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
44	STAND. D.P.	3992.27
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	815		4115	Ric Service
815	845			Tear Out Logging Equipment
845	400			W.O. Log Results.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Peter Kappal	8
DERRICK MAN	A. Crawford	8
MOTOR MAN	John Martin	5
HELPER	Bruce Warden	8
HELPER	Carl Kohuch	8
HELPER		
HELPER		

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
1	STAND. D.P.	5976
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	415			Ric Service
415	600		4115	W.O. Log Results & Tear Out
600				Rig In & Laid Down DP
	1830			Dull Bit.
1630	1200			Ric to Tu Rig w/ Drift Tools

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Ed Trottier	8
DERRICK MAN	Ed Turner	8
MOTOR MAN	Sam Pauluk	8
HELPER	Robert Atkinson	8
HELPER	Wm. McCrimmon	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	6" X 16

UNKERHOFF DRILLING COMPANY LTD. EDMONTON

THE 18 DAY FROM SPUD DATE

WELL Home Signal E.D. Pelican #2 | COMPANY Home Oil Co | RIG No. 126 | DATE March 13-60

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

IN HOLE — END OF TOUR

No.		FEET
46	PIPE SIZE	
	STAND. D.P.	3992.27
	SNGLS. D.P.	
	LNGTH. CLRS.	58.57
	KELLY IN	12.97
	OTHER	27.10
	TOTAL	4101.00

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	9
SIZE	4¼
MFG.	Phoenix
TYPE	◇
SER. No.	2426
DEPTH OUT	
HOURS RUN	8
FOOTAGE	16
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
1900	0300	4085	4101

FORMATION AND EXPLANATION: Pulling Core #9

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1.00	6.00
WT.	8.8	8.8
VISC.	75	74
W. L. CC.	5.0	5.0
FLTR. CK.	2/32	2/32
P. H.	12.5	12.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Leblanc	8
DERRICK MAN Martin Raymond	8
MOTOR MAN Ronald Wirth	8
HELPER Fred Collins	8
HELPER Charles Sloan	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.		FEET
4	PIPE SIZE 2 7/8 IF 8 RND	
	STAND. D.P.	3992.27
	SNGLS. D.P.	
2	LNGTH. CLRS.	58.57
	KELLY IN	26.97
	OTHER	37.19
	TOTAL	4115

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3½ X 1¾	58.57

BIT RECORD

RUN No.	9
SIZE	4¼
MFG.	CHRIST
TYPE	◇
SER. No.	7426
DEPTH OUT	4115
HOURS RUN	13
FOOTAGE	30
REAMER CUTTER No.	
TYPE	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
8.00	8.15		
8.15	3.15	4101	4115
3.15	4.00		

FORMATION AND EXPLANATION: Rig Service & Check B.O.P's; Cut & Core #9; Hoist

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		2.00
WT.		8.8
VISC.		74
W. L. CC.		3.0
FLTR. CK.		2/32
P. H.		11.0

MUD & CHEM. ADDED

TYPE	AMOUNT
Q Bradin	200 #
Gel	400 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kapral	8
DERRICK MAN A Crawford	8
MOTOR MAN John Martin	8
HELPER Bruce Warden	8
HELPER Carl Rauch	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.		FEET
44	PIPE SIZE 2 7/8	
	STAND. D.P.	3992.27
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
4.00	4.30		
4.30	4.45		
4.45		4115'	
	6.00		
6.00	8.30		
8.30	9.00		
9.00	12.00		

FORMATION AND EXPLANATION: Reamer 30' Core; Rig Serviced & Checked B.O.P's; Laid Down Core Barrel & Drill Collars; Hoist; Logging

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Pawluk	8
HELPER Robert Atkinson	8
HELPER Wm. McConachie	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	5" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 77 DAY FROM SPUD DATE

WELL Home Stanal CSP Celibata #2 | COMPANY Home Oil Co | RIG NO. 24 | DATE March 12-60

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

NO.		FEET
	PIPE SIZE 4½	
43	STAND. D.P.	3981.33
1	SNGLS. D.P.	
2	LNGTH. CLRS.	58.57
	KELLY IN	31.37
	OTHER	39.19
	TOTAL	4150 mo

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.	5	8
SIZE	HW	HW
MFG.	Christ	Christ
TYPE	D	D
SER. NO.	ZH26	ZH26
DEPTH OUT	4056	
HOURS RUN	16½	3
FOOTAGE	81	5
REAMER CUTTER NO.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1200	130	4050	4054	Cutting Core #7
130	315			Hoist Recover 31' Core
315	445			Pick up 3½ 2¼ Reg Lay down
				3½ 2¼ IF Run in w/ Code Bal
445		4054	4059	Cutting Core #8

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	2:00	
WT.	8.4	
VISC.	49	
W. L. CC.	5.5	
FLTR. CK.	2/32	
P. H.	10.0	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LeBlanc	8
DERRICK MAN	Maynard Rutherford	8
MOTOR MAN	Reginald Watts	8
HELPER	Ray Collins	8
HELPER	Charles Saurard	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

NO.		FEET
	PIPE SIZE 4½ IF & EUE	
43	STAND. D.P.	3961.74
2	SNGLS. D.P.	58.57
2	LNGTH. CLRS.	19.50
	KELLY IN	32.19
	OTHER	4077
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.
2	3½ X 1¾	58.57

BIT RECORD

RUN NO.	8	
SIZE	4⅛	
MFG.	Christ.	
TYPE	D	
SER. No.	Z426	
DEPTH OUT		
HOURS RUN	10¾	
FOOTAGE	22	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
900	915			Rig Service & Check B.O.P.s.
915	400	4059	4077	Cut & Core #8.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		2:00
WT.		8.8.
VISC.		72
W. L. CC.		3.8
FLTR. CK.		3/32
P. H.		11.0

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	100 #
Driscose	25 #
Barrafin	100 #

DRLG. CREW PAYROLL

		HRS.
DRILLER	Peter Kappral	8
DERRICK MAN	A. Crawford	8
MOTOR MAN	John Martin	8
HELPER	Bruce Warden	8
HELPER	Carl Konken	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

NO.		FEET
	PIPE SIZE 4½	
43	STAND. D.P.	3900.74
	SNGLS. D.P.	60.90
2	LNGTH. CLRS.	58.57
	KELLY IN	29.50
	OTHER	37.19
	TOTAL	4085

DRILL COLLARS

NO.	DIAMETER	LGTH.
2	3½ X 1¾	58.57

BIT RECORD

RUN NO.	8	
SIZE	4⅛	
MFG.	Christ	
TYPE	D	
SER. No.	Z426	
DEPTH OUT	4085	
HOURS RUN	15½	
FOOTAGE	31	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	845	4077	4085	Cut & Core #8
845	1045			Hoist & Recover 21' Core
1045	1145			Run in w/ Core Brl
1145	12 00			Clean To Bottom

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Ed Tartier	8
DERRICK MAN	Ed Turner	8
MOTOR MAN	Sam Paulik	8
HELPER	Robert A. Kuros	8
HELPER	Tom McCance Jr.	8
HELPER		
HELPER		

REMARKS. (REPAIRS. ACCIDENTS AND. ETC.)

(Thursday) All Safety Equipment O.K.

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	1000 PSI	PUMP PRES.	PSI	PUMP PRES.	1000 PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	59
POINTS WT.		POINTS WT.		POINTS WT.	5
LINER SIZE	5½	LINER SIZE		LINER SIZE	5" X 11.

BRINKERHOFF DRILLING COMPANY LTD.
CALGARY EDMONTON

THIS IS THE 16 DAY FROM SPUD DATE

WELL Home Signal et al Pelican No 2 | COMPANY Home Oil Co | RIG NO. 1 | DATE March 11-60
LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE N.W.T. | TOOL PUSHER Kell

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE 2 7/8 F	FEET
43	STAND. D.P.	3901.65
	SNGLS. D.P.	
	LNGTH. CLRS.	58.57
	KELLY IN	35.67
	OTHER	37.19
	TOTAL	4022.00

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.	16
SIZE	4 1/4
MFG.	Christ.
TYPE	C
SER. NO.	Z426
DEPTH OUT	
HOURS RUN	17
FOOTAGE	31
REAMER CUTTER NO.	
TYPE	

TIME

FROM	TO
1900	600
600	800

DRILLED

FROM	TO
4010	4023

FORMATION AND EXPLANATION

Cut Core #6
Hoisting Recover Core @ 31'

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	2000
WT.	8.8
VISC.	71
W. L. CC.	4.2
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Malcolm Drummond	8
MOTOR MAN Reinhold Muth	8
HELPER Ralf Collins	8
HELPER Charles Sproad	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE 2 7/8 F	FEET
43	STAND. D.P.	3901.55
2	SNGLS. D.P.	
	LNGTH. CLRS.	58.57
	KELLY IN	37
	OTHER	37.19
	TOTAL	4034

DRILL COLLARS

NO.	DIAMETER	LGTH.
2	3 1/2 X 1 3/4	58.57

BIT RECORD

RUN NO.	7
SIZE	4 1/8
MFG.	Christ
TYPE	◊
SER. NO.	Z426
DEPTH OUT	
HOURS RUN	7
FOOTAGE	11
REAMER CUTTER NO.	
TYPE	

TIME

FROM	TO
800	815
815	900
900	400

DRILLED

FROM	TO
4023	4034

FORMATION AND EXPLANATION

Rig Service Check BOPE
Run in Hole
Cut ◊ Core #7

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		200
WT.		8.8
VISC.		75
W. L. CC.		4.0
FLTR. CK.		2/32
P. H.		11.0

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	5 sx
Carbonox	100 #
Gel	400 #
Aquakin	150 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kappral	8
DERRICK MAN A. Crawford	8
MOTOR MAN John Martin	8
HELPER Bruce Warden	8
HELPER Carl Kohuch	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE 2 7/8	FEET
43	STAND. D.P.	3901.55
1	SNGLS. D.P.	30.43
2	LNGTH. CLRS.	58.57
	KELLY IN	22.50
	OTHER	37.19
	TOTAL	4050.

DRILL COLLARS

NO.	DIAMETER	LGTH.
2	3 1/2 X 1 3/4	58.57

BIT RECORD

RUN NO.	7
SIZE	4 1/8
MFG.	CHRIST
TYPE	◊
SER. NO.	Z426
DEPTH OUT	
HOURS RUN	15
FOOTAGE	27
REAMER CUTTER NO.	
TYPE	

TIME

FROM	TO
400	1200

DRILLED

FROM	TO
4036	4050

FORMATION AND EXPLANATION

C.U.T. ◊ CORE #7

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1200	100
WT.	8.8	8.8
VISC.	77	74
W. L. CC.	3.8	3.6
FLTR. CK.	2/32	2/32
P. H.	11.0	11.0

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Paluk	8
HELPER Robert Atkins	8
HELPER Wm. McConaghie	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	950 PSI	PUMP PRES.	PSI	PUMP PRES.	935 PSI
ROT. R.P.M.	80	ROT. R.P.M.		ROT. R.P.M.	59
POINTS WT.	3	POINTS WT.		POINTS WT.	3
LINER SIZE	5 X 6	LINER SIZE		LINER SIZE	5" X 6"

BRINKERHOFF DRILLING COMPANY LTD.
CALGARY — EDMONTON

THIS IS THE 76 DAY FROM SPUD DATE

WELL: Home Signal PSP Celibeta 9 | LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T.
COMPANY: Home Oil Co
RIG NO. 26 | DATE: March 10-60
TOOL PUSHER: L.

MORNING TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
42	STAND. D.P.	3910.46
3	SNGLS. D.P.	60.71
2	LNGTH. CLRS.	54.57
	KELLY IN	20.17
	OTHER	37.19
	TOTAL	3983.00

DRILL COLLARS

No.	Diameter	Lgth.

BIT RECORD

RUN No.	5
SIZE	4¼
MFG.	Christ
TYPE	D
SER. No.	Z426
DEPTH OUT	
HOURS RUN	16½
FOOTAGE	26
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1200	1245	3976		Cut Core #5
1245	100			Rig Service Check B.O.P.
100	800		3997	Pull Core #5

DEVIATION

Depth	Degrees
	°
	°

MUD RECORD

TIME	300
WT.	8.8
VISC.	77
W. L. CC.	4.0
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

Type	Amount

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LeBlanc	8
DERRICK MAN	Warren Redmond	8
MOTOR MAN	Reinhold Roth	8
HELPER	Pat Collins	8
HELPER	Charles Sproad	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
42	STAND. D.P.	3811.46
2	SNGLS. D.P.	60.71
2	LNGTH. CLRS.	58.57
	KELLY IN	29.18
	OTHER	37.19
	TOTAL	3996

DRILL COLLARS

No.	Diameter	Lgth.
2	3½ X 1¾	58.57

BIT RECORD

RUN No.	5	6
SIZE	4⅛	4⅛
MFG.	Christ	Christ
TYPE	◊	◊
SER. No.	Z426	Z426
DEPTH OUT	3992	
HOURS RUN	18¾	3
FOOTAGE	31	4
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
800	1015	3987	3992	Cut ◊ Core #5
1015	1030			Rig Service Check B.O.P.
1030	1200			Hoist & Recover Core 31'
1200	100			Run in Hole
100	400	3992	3996	Cut Core #6

DEVIATION

Depth	Degrees
	°
	°

MUD RECORD

TIME	1000	230
WT.	8.8	8.9
VISC.	87	93
W. L. CC.	4.0	
FLTR. CK.	2/32	
P. H.	10.5	

MUD & CHEM. ADDED

Type	Amount

DRLG. CREW PAYROLL

		HRS.
DRILLER	Peter Kadnal	8
DERRICK MAN	A. Crawford	8
MOTOR MAN	John Martin	8
HELPER	Bruce Warden	8
HELPER	Carl Kohuch	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
43	STAND. D.P.	3991.54
	SNGLS. D.P.	
2	LNGTH. CLRS.	58.59
	KELLY IN	13.00
	OTHER	37.19
	TOTAL	4010.

DRILL COLLARS

No.	Diameter	Lgth.
9	3½ x 1¾	58.57

BIT RECORD

RUN No.	6
SIZE	4⅛
MFG.	Christ
TYPE	◊
SER. No.	Z426
DEPTH OUT	
HOURS RUN	11
FOOTAGE	14
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	1200	3996	4010	Cut ◊ Core #6

DEVIATION

Depth	Degrees
	°
	°

MUD RECORD

TIME	500	1100
WT.	8.8	8.8
VISC.	72	79
W. L. CC.	4.0	4.4
FLTR. CK.	2/32	2/32
P. H.	11.0	11.0

MUD & CHEM. ADDED

Type	Amount
Caustic	75 #
Quebracho	250 #
Caribrick	100 #

DRLG. CREW PAYROLL

		HRS.
DRILLER	Ed Trottier	8
DERRICK MAN	Ed Turner	8
MOTOR MAN	Sam Pawluk	8
HELPER	Robert Atkings	8
HELPER	Wm. McConaghie	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

CAUTOMATIC DRILLER IN USE)

SLUSH PUMP RECORD

	Morning Tour	Day Tour	Evening Tour
PUMP PRES.	950 PSI	PSI	950 PSI
ROT. R.P.M.	59		59
POINTS WT.	2		2
LINER SIZE	6 X 16		3½ X 16

BRINKERHOFF DRILLING COMPANY LTD.
CALGARY EDMONTON

THIS IS THE 74 DAY FROM SPUD DATE

WELL Home Signal CSP Celsius #2 | COMPANY Home Oil Co | RIG No. 26 | DATE March 9-60

LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE NWT | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
42	STAND. D.P.	3813.98
1	SNGLS. D.P.	30.13
2	LNGTH. CLRS.	58.57
	KELLY IN	21.13
	OTHER	37.19
	TOTAL	3961.00

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	4
SIZE	4 1/4
MFG.	Christ.
TYPE	◇
SER. No.	2426
DEPTH OUT	
HOURS RUN	14½
FOOTAGE	31
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1200	645	3948	3961	CUT CORE #4
645	720			HOIST
720	800			WORK ON BLOCKS

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	3.30
WT.	9.4
VISC.	79
W. L. CC.	3.0
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	LIONEL LEBLANC	8
DERRICK MAN	MARVIN RAYMOND	8
MOTOR MAN	REINHOLD MUTH	8
HELPER	RAY COLLINS	8
HELPER	CHARLES SHARRED	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
42	STAND. D.P.	3780.33
1	SNGLS. D.P.	30.13
2	LNGTH. CLRS.	58.57
	KELLY IN	25.65
	OTHER	37.19
	TOTAL	3942

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	5
SIZE	4 1/8
MFG.	CHRIST
TYPE	◇
SER. No.	2426
DEPTH OUT	
HOURS RUN	3/4
FOOTAGE	1
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
800	1145			WORK ON TRAVELING BLOCKS & TUBING
1148	115			HOIST & RECOVER CORE @ 31'
115	200			RUN IN HOLE
200	300			REAM HIGH ADAM
300	315			FINISH TRIP IN HOLE
315	400	3961	3962	CUT CORE #5

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	PETER KAPRAL	8
DERRICK MAN	A. CRAWFORD	8
MOTOR MAN	JOHN MARTIN	8
HELPER	BRUCE WARDEN	8
HELPER	CARL KRUCH	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
42	STAND. D.P.	3780.33
1	SNGLS. D.P.	30.13
2	LNGTH. CLRS.	58.57
	KELLY IN	39.00
	OTHER	37.19
	TOTAL	3976

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3½ x 1¾	58.57

BIT RECORD

RUN No.	5
SIZE	4 1/8
MFG.	CHRIST
TYPE	◇
SER. No.	2426
DEPTH OUT	
HOURS RUN	8¾
FOOTAGE	15
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	1200	3962	3976	CUT ◇ CORE #5

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	6.00	10.00
WT.	8.8	8.8
VISC.	80	75
W. L. CC.	11.0	11.2
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
CAUSTIC	75 #

DRLG. CREW PAYROLL

		HRS.
DRILLER	ED TROTTIER	8
DERRICK MAN	ED TURNER	8
MOTOR MAN	SAM PAWLUK	8
HELPER	ROBERT ATKINS	8
HELPER	WM. McCONACHIE	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.) (AUTOMATIC DRILLER IN USE)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	950 PSI	PUMP PRES.	900 PSI	PUMP PRES.	850 PSI
ROT. R.P.M.	69	ROT. R.P.M.	59	ROT. R.P.M.	59
POINTS WT.	2	POINTS WT.	2	POINTS WT.	3
LINER SIZE	5 x 16	LINER SIZE	5" X 16"	LINER SIZE	5" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 43 DAY FROM SPUD DATE

WELL: Home Signal CSP Colibrita Lake "2" | COMPANY: Home Oil Co | RIG NO.: 66 | DATE: March 4-66

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER: [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 I.F.	FEET
41	STAND. D.P.	3722.99
2	SNGLS. D.P.	60.84
2	LNGTH. CLRS.	58.57
	KELLY IN	38.00
	OTHER	38.69
	TOTAL	3916.09

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	3
SIZE	4 1/4
MFG.	Christ.
TYPE	◇
SER. No.	2436
DEPTH OUT	
HOURS RUN	9
FOOTAGE	18
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12:00	8:00	3901	3918	Cut Core #2

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	3:00	5:30
WT.	9.4	9.8
VISC.	115"	100
W. L. CC.	3.8	3.9
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Marvin Raymond	8
MOTOR MAN Reinhold Muth	8
HELPER Ray Collins	8
HELPER Charles Savard	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8	FEET
42	STAND. D.P.	3813.98
	SNGLS. D.P.	
2	LNGTH. CLRS.	58.57
	KELLY IN	19.76
	OTHER	37.19
	TOTAL	3930

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3 1/2 X 1 3/4	58.57

BIT RECORD

RUN No.	3
SIZE	4 1/4
MFG.	Christ.
TYPE	◇
SER. No.	Z426
DEPTH OUT	3930
HOURS RUN	14
FOOTAGE	30
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8:00	1:00	3918	3930	Cut ◇ Core #3
1:00	2:30			Hoist & Recover Core
2:30	3:00			Run in
3:00	3:30			Repair High Chain
3:30	4:00			Run in

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		1:00
WT.		8.8
VISC.		140
W. L. CC.		3.7
FLTR. CK.		1/32
P. H.		10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Dbrmid	200#
Caustic	50#
Driscaid	50#

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kapral	8
DERRICK MAN A. Crawford	8
MOTOR MAN John Madsen	8
HELPER Bruce Worden	8
HELPER Carl Kruck	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 I.F.	FEET
42	STAND. D.P.	3813.98
	SNGLS. D.P.	
2	LNGTH. CLRS.	58.57
	KELLY IN	37.00
	OTHER	37.19
	TOTAL	3948.00

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3 1/2 X 1 3/4	57.58

BIT RECORD

RUN No.	4
SIZE	4 1/4
MFG.	Christ
TYPE	◇
SER. No.	Z426
DEPTH OUT	
HOURS RUN	7 3/4
FOOTAGE	18
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4:00	4:15			Run in w/ Core Bbl
4:15	12:00	3930	3948	Cut ◇ Core #4

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	5:00	10:00
WT.	8.8	9.8
VISC.	100	74
W. L. CC.	3.8	4.0
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Pawluk	8
HELPER Robert A. Binns	8
HELPER Wm McCanaghie	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	1010 PSI	PUMP PRES.	PSI	PUMP PRES.	950 PSI
ROT. R.P.M.	59	ROT. R.P.M.		ROT. R.P.M.	59
POINTS WT.	2	POINTS WT.		POINTS WT.	2 1/2
LINER SIZE	5 X 16	LINER SIZE		LINER SIZE	5" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 12 DAY FROM SPUD DATE

WELL: HOMESIGNAL CSP CORBATH #2 | COMPANY: HOME OIL CO. | RIG NO. 26 | DATE: MARCH 7/68

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 IF 2 7/8 EF	FEET
41	STAND. D.P.	372299
1	SNGLS. D.P.	30 44
2	LNGTH. CLRS.	58 57
	KELLY IN	2500
	OTHER	3569
	TOTAL	397300

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

	RUN No.	1	2
	SIZE	4 1/4	4 1/4
	MFG.	Christ	Christ
	TYPE	◇	◇
	SER. No.	Z426	Z426
	DEPTH OUT		
	HOURS RUN	12 1/2	2 3/4
	FOOTAGE	37 1/2	4
	REAMER CUTTER No.		
	TYPE		

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	200	3864	3869	Diamond Cobring
200	315			Hoist
315	400			Recover Core Service BBL.
400	515			Run in
515	800	3869	3873	Core

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	10	
WT.	8.9	
VISC.	78	
W. L. CC.	5.8	
FLTR. CK.	2/32	
P. H.	10.0	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LEBLANC	4
DERRICK MAN	MARVIN RAYMOND	8
MOTOR MAN	REINHOLD MUTH	8
HELPER	RAY COLLINS	8
HELPER	CHARLES SAUARD	8
HELPER		
HELPER		

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8	FEET
41	STAND. D.P.	372299
	SNGLS. D.P.	60.84
2	LNGTH. CLRS.	58.57
	KELLY IN	13 00
	OTHER	37.19
	TOTAL	2294

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3 1/2 I 1 3/4	58.57

BIT RECORD

	RUN No.	1	
	SIZE	4"	
	MFG.	CHRIST	
	TYPE	◇	
	SER. No.	Z426	
	DEPTH OUT		
	HOURS RUN	22 3/4	
	FOOTAGE	58	
	REAMER CUTTER No.		
	TYPE		

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	400	3873	3894	Cut ◇ Core #2

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	10	2
WT.	8 9	9 9
VISC.	79	88
W. L. CC.	4.0	3.6
FLTR. CK.	1/32	1/32
P. H.	10.0	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	400#
DRISCOSE	50#
CAUSTIC	50#
R-9 BRINE	100#

DRLG. CREW PAYROLL

		HRS.
DRILLER	PETER KAPERAL	8
DERRICK MAN	A CRAWFORD	8
MOTOR MAN	JOHN MARTIN	8
HELPER	BRUCE HARDEN	8
HELPER	CARL KOHUCH	8
HELPER		
HELPER		

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 IF 2 7/8 EF	FEET
41	STAND. D.P.	372299
1	SNGLS. D.P.	60.84
2	LNGTH. CLRS.	58.57
	KELLY IN	21 00
	OTHER	37.19
	TOTAL	3901.00

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3 1/2 I 1 3/4	58.57

BIT RECORD

	RUN No.	2	3
	SIZE	4 1/4	4 1/8
	MFG.	CHRIST	CHRIST
	TYPE	◇	◇
	SER. No.	Z426	Z426
	DEPTH OUT	3900	
	HOURS RUN	26 1/2	1
	FOOTAGE	31	1
	REAMER CUTTER No.		
	TYPE		

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	730	3894	3900	Cut ◇ Core #2
730	845			Hoist
845	930			Recover Core & Service BBL
930	1015			Chang's Oil in Motor's
1015	1100			Run in w/Core BBL
1100		3900	3901	Cut ◇ Core #3

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	500	
WT.	89	
VISC.	90	
W. L. CC.	4.0	
FLTR. CK.	2/32	
P. H.	10.5	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	ED TROTTIER	8
DERRICK MAN	ED TURNER	8
MOTOR MAN	SAM PAWLUK	8
HELPER	ROBERT ATTENOS	8
HELPER	Wm. McCONACHIE	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	1000 PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	60
POINTS WT.		POINTS WT.		POINTS WT.	2½
LINER SIZE		LINER SIZE		LINER SIZE	5" X 16

BRINKERHOFF DRILLING COMPANY LTD.
CALGARY EDMONTON

THIS IS THE 71 DAY FROM SPUD DATE

WELL Horne Signal P.S.P. Colbert No. 1 | COMPANY Homeoil Co | RIG No. 26 | DATE March 6-60
LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12 00	12 15		3838	Rig Service Check BOP
12 15	12 30			Work Magnet
12 30	1 45			Hoist & Clean Magnet
1 45	2 15			Slip 23' Drlg Line
2 15	3 30			Run in w/ Magnet
3 30	4 00			Circ. @ Working
4 00	5 15			Hoist & Recover Iron
5 15	7 00			Run in w/ Magnet Hoist & Circ.
7 00	4 00			

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LeBlanc	8
DERRICK MAN	Marvin Eramonte	8
MOTOR MAN	Harold Martin	8
HELPER	Paul Collins	8
HELPER	Charles Savard	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
43	STAND. D.P.	3722.99
	SNGLS. D.P.	
2	LNGTH. CLRS.	58.57
	KELLY IN	30.00
	OTHER	35.69
	TOTAL	3846

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3½ x 1¾	58.57

BIT RECORD

RUN No.	1	
SIZE	4¾	
MFG.	Hoist	
TYPE	A	
SER. No.	Z426	
DEPTH OUT		
HOURS RUN	2 3/4	
FOOTAGE	8	
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8 00	8 15			R.C. Service Check B.O.P.
8 15	11 15			Pick up Core Bbl & 2 DCs.
11 15	11 30			Running in w/ Bbl
11 30	12 00			Repair High Chain
12 00	12 45			Running in w/ 3½" Core Bbl.
12 45	1 15			Break Circ.
1 15	4 00			Cut ◊ Core #1

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Peter Kapeal	8
DERRICK MAN	A. Crawford	8
MOTOR MAN	John Martin	8
HELPER	Bruce Warden	8
HELPER	Carl Kruger	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
41	STAND. D.P.	3722.99
1	SNGLS. D.P.	30.44
2	LNGTH. CLRS.	58.57
	KELLY IN	16.00
	OTHER	35.69
	TOTAL	3864.41

DRILL COLLARS

No.	DIAMETER	LGTH.
2	3½ x 1¾	58.57

BIT RECORD

RUN No.	1	
SIZE	4¾	
MFG.	Christ	
TYPE	◊	
SER. No.	Z426	
DEPTH OUT		
HOURS RUN	10½	
FOOTAGE	26	
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4 00	4 15			Rig Service Check B.O.P.
4 15	8 00	3846	3864	Cut ◊ Core #1

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	5.00	10.00
WT.	8.9	8.9
VISC.	37	75
W. L. CC.	5.0	4.2
FLTR. CK.	2/32	1/32
P. H.	10.0	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Driscose	50 lbs
Caustic	75 lbs
Barazim	200 lbs

DRLG. CREW PAYROLL

		HRS.
DRILLER	Ed Trottier	8
DERRICK MAN	Ed Turner	8
MOTOR MAN	Sam Pawluk	8
HELPER	Wm. McConachie	8
HELPER	Robert Attings	8
HELPER		
HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES. PSI		PUMP PRES. PSI		PUMP PRES. PSI	850
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	60
POINTS WT.		POINTS WT.		POINTS WT.	2½
LINER SIZE		LINER SIZE		LINER SIZE	5" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 70 DAY FROM SPUD DATE

WELL: Home Colbath Lukis #2 | COMPANY: Home Oil Co | RIG NO.: 26 | DATE: March 5-60

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 7/8	FEET	RUN No.	
38	STAND. D.P.	3465.16	SIZE	
	SNGLS. D.P.		MFG.	
12	LNGTH. CLRS.	349.16	TYPE	
	KELLY IN	39.06	SER. No.	
	OTHER	16.2	DEPTH OUT	
	TOTAL	3839	HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TO	DRILLED FROM	TO
1200	1215		
1215	130		
130	230		
230	415		
415	645		
645	615		
615	630		
630	eow		

FORMATION AND EXPLANATION

Rig Service Check BOP
Hoist
Unload Core Bbls Magnet Retrieve
Run in w/ Magnet
Work Magnet
Hoist
Recover Iron
Hoist

DEVIATION: DEPTH | DEGREES

MUD RECORD: TIME | WT. | VISC. | W. L. CC. | FLTR. CK. | P. H.

MUD & CHEM. ADDED: TYPE | AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER Lionel LeBlanc 8
DERRICK MAN Alphonse Raymond 8
MOTOR MAN Reinhold Moth 8
HELPER Ray Collins 8
HELPER Charles Savard 8
HELPER
HELPER

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 7/8 F	FEET	RUN No.	
39	STAND. D.P.	3465.16	SIZE	
	SNGLS. D.P.		MFG.	
12	LNGTH. CLRS.	349.16	TYPE	
	KELLY IN	22.6	SER. No.	
	OTHER	1.62	DEPTH OUT	
	TOTAL	3839	HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TO	DRILLED FROM	TO
800	815		
815	830		
830	1045		
1045	1115		
1115	130		
130	200		
200	400		

FORMATION AND EXPLANATION

Rig Service Check B.O.P.
Circ & Work Magnet
Tripping Recovered Iron
Circ & Work Magnet
Tripping Recovered Iron
Circ & Work Magnet
Run in & Circ.

DEVIATION: DEPTH | DEGREES

MUD RECORD: TIME | WT. | VISC. | W. L. CC. | FLTR. CK. | P. H.

MUD & CHEM. ADDED: TYPE | AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER Peter Kapral 8
DERRICK MAN A. Crawford 8
MOTOR MAN John Martin 8
HELPER Bruce Warden 8
HELPER Carl Kinucie 8
HELPER
HELPER

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	
	STAND. D.P.		SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	XELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TO	DRILLED FROM	TO
400	415		
415	430		
430	530		
530	615		
615	645		
645	800		
800	915		
915	11.45		
11.45	1200		

FORMATION AND EXPLANATION

Rig Service Check BOP
Work Magnet
Hoist Recover Iron
Run in
Circ. Work Magnet
Hoist
Run in Work Mag.
Trip w/ Mag. Recover Iron
Circ. Work Magnet

DEVIATION: DEPTH | DEGREES

MUD RECORD: TIME | WT. | VISC. | W. L. CC. | FLTR. CK. | P. H.

MUD & CHEM. ADDED: TYPE | AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER Edward Tartier
DERRICK MAN Ed. Turner
MOTOR MAN Adam Rawluk
HELPER Wm. McConachie
HELPER Bernard Fraundl
HELPER
HELPER

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 62 DAY FROM SPUD DATE

WELL: Home Bank Consolidated | COMPANY: Home Oil Co. | RIG NO.: 12 | DATE: March 4 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
38	STAND. D.P.	3465.11
	SNGLS. D.P.	
12	LNGTH. CLRS.	349.16
	KELLY IN	12.00
	OTHER	1.42
	TOTAL	3827

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	31	32
SIZE	4 1/4	4 1/4
MFG.	HTC	HTC
TYPE	OW	OW
SER. No.	11867	10327
DEPTH OUT	3822	
HOURS RUN	4 3/4	4 1/2
FOOTAGE	7	5
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12.00	12.15			Rig Service & Check BOP
12.15	2.45			Trip for B.T.
2.45	3.30			Circulated Bottom.
3.30	8.00	3822	3827	Drlg Formation w/ 4 1/2" B.T.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	5.00
WT.	73
VISC.	75
W. L. CC.	11.4
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Bridge	50#

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Kaduck	8
HELPER Wm. McConachie	8
HELPER Frank Fraindl	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
38	STAND. D.P.	3465.11
	SNGLS. D.P.	
12	LNGTH. CLRS.	349.16
	KELLY IN	12.00
	OTHER	1.42
	TOTAL	3827

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	32	33
SIZE	4 1/4	4 1/4
MFG.	HTC	HTC
TYPE	OW	OW
SER. No.	10327	4595
DEPTH OUT		
HOURS RUN	7	
FOOTAGE	6	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
8.00	8.15			Rig Service Check BOP
8.15	10.45	3827	3838	Drlg.
10.45	11.30			Circulate Sample
11.30	1.45			Circulate Condition Mud
1.45	4.00			Trip for BT

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
100#	D PRIM
50	Quiscose

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Josaphin Raymond	8
MOTOR MAN Marshall McH	8
HELPER Ray Pollitt	8
HELPER Walter Lessard	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
38	STAND. D.P.	3465.11
	SNGLS. D.P.	
12	LNGTH. CLRS.	349.16
	KELLY IN	22.06
	OTHER	1.42
	TOTAL	3838

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	33	
SIZE	4 1/8	
MFG.	Williams	
TYPE	D11	
SER. No.	9595	
DEPTH OUT	3838	
HOURS RUN	7	
FOOTAGE	10	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
4.00	4.15			Clean Up To Bottom
4.15	11.15	3829	3838	Drlg Formation w/ 4 1/8" BT
11.15	11.45			Circ. Sample
11.45	12.00			Hoist

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kaparl	9
DERRICK MAN J Crawford	8
MOTOR MAN Tom Martin	8
HELPER Bruce Worden	8
HELPER Carl Krause	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

Automatic Driller used

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES	PSI	PUMP PRES.	1,200 PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	160
POINTS WT.		POINTS WT.		POINTS WT.	2
LINER SIZE		LINER SIZE		LINER SIZE	5" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 6 DAY FROM SPUD DATE

WELL [illegible] COMPANY Home Oil Co. RIG NO. 96 DATE March 3 19[illegible]

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE N.W.T. TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P.	3724.28
1	SNGLS. D.P.	60.56
12	LNGTH. CLRS.	349.11
	KELLY IN	30.00
	OTHER	1.62
	TOTAL	3965

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	30
SIZE	8 1/2
MFG.	HTC
TYPE	OWJ
SER. No.	11234
DEPTH OUT	3815
HOURS RUN	23 1/2
FOOTAGE	1 1/2
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12 00	12 30	3814	3815 1/2	Twin Falls Fm. Lithology: Bit
12 30	2 00			Hoist for Bit
2 00				W.O.B.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1230
WT.	9.9
VISC.	50
W. L. CC.	6.6
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	8
DERRICK MAN F. Turner	12
MOTOR MAN Edm. Paulik	8
HELPER Jim Whittaker	8
HELPER Reza Fatemi	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
[illegible]	STAND. D.P.	[illegible]
	SNGLS. D.P.	
12	LNGTH. CLRS.	349.11
	KELLY IN	30.00
	OTHER	1.62
	TOTAL	3965.00

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	31
SIZE	8 1/2
MFG.	HTC
TYPE	OWJ
SER. No.	11234
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8 00	10 30			DU on B.T.
10 30	12 15			R.U. Dresser
12 15	1 00			Run Gamma
1 00	4 00			Tool Tech. R.T.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Lefebvre	8
DERRICK MAN Marvin Rowland	8
MOTOR MAN Penfield Mth	8
HELPER Ron Fellows	8
HELPER Chester Sawyer	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
37	STAND. D.P.	
2	SNGLS. D.P.	
12	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	31
SIZE	8 1/2
MFG.	HTC
TYPE	OWJ
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4 00	7 15			Ream 24' to bottom
7 15	12 00	3915	3982	Drlg. formation w/ 40K lbs

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1130
WT.	9.0
VISC.	70
W. L. CC.	6.0
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	4 lbs
Bicarb	5 lbs
Lignosol	2 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER Jesse Kassel	8
DERRICK MAN H. Crossland	8
MOTOR MAN Tom Martin	8
HELPER Ross Warden	8
HELPER Paul Fisher	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	550 PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	60
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	5" x 14"

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 6 7 DAY FROM SPUD DATE

WELL: Home Signal Exploration No. 1 | COMPANY: Home Oil Co. | RIG NO. 26 | DATE: March 2 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER: A. S. Hennessy

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
29	STAND. D.P.	3374.46
1	SNGLS. D.P.	30.50
	LNGTH. CLRS.	1.67
	KELLY IN	25.00
1	OTHER 2 7/8	320.44
	TOTAL	3751.67

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	29
SIZE	4 7/8
MFG.	HTC
TYPE	DW
SER. No.	11396
DEPTH OUT	
HOURS RUN	23 1/2
FOOTAGE	4
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12 00	1 45			W.O. B.I. Sub
1 45	3 15			Run in w/ R.I.T. No. 29 - 4 7/8
3 15	4 15			Ream Circ. & Remove Junk 3700 to 3750
4 15	5 15			Ran 3000 of Cement
5 15		3744	3751	Drilling Cement
		3751	3751.67	Drilling Plug No. 1

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1 PM
WT.	9.7
VISC.	41
W.L. CC.	12
FLTR. CK.	2/32
P.H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Bicarb	100 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER I. D. Trattler	8
DERRICK MAN E. O. Tornier	12
MOTOR MAN Sam Pavlik	8
HELPER Wm. McGonaghie	8
HELPER George Freundt	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 IF	FEET
38	STAND. D.P.	3461.95
	SNGLS. D.P.	
11	LNGTH. CLRS. 2 7/8 REG	320.44
	KELLY IN	2209
	OTHER	1.62
	TOTAL	3783.01

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	29
SIZE	4 1/4
MFG.	HTC
TYPE	DW
SER. No.	11395
DEPTH OUT	
HOURS RUN	11 1/2
FOOTAGE	56 Ream 2 Hole
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
0 00	0 15			Fin Service Platform
0 15	0 45	3751		Drill out Plug & Cement
0 45	1 15		3802	Wash Cement & Shoe
1 15	Mid	3802	3809	Finish Formation

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	2 PM
WT.	9.4
VISC.	41
W.L. CC.	7.2
FLTR. CK.	2/32
P.H.	10.0

MUD & CHEM. ADDED

TYPE	AMOUNT
Pac L	40 lbs
Bicarb	200 lbs
Barrite	400 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Murdoch Redmond	8
MOTOR MAN Reinhold Muth	8
HELPER Paul Collins	8
HELPER Charles Savard	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 IF	FEET
37	STAND. D.P.	
2	SNGLS. D.P.	3464.71
	LNGTH. CLRS.	2.40
	KELLY IN	30
	OTHER	1.63
	TOTAL	3801.74

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	29	32
SIZE	4 1/4	4 1/4
MFG.	HTC	HTC
TYPE	DW	DW
SER. No.	11395	11202
DEPTH OUT	3801	
HOURS RUN	14 1/2	2 1/2
FOOTAGE	1	1 1/2
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4 30	7 00	3809	3814	Trip 4 1/2 Hole
7 00	9 00			Trip for Bit
9 00	9 45			Ream 3' to Bottom
9 45	12 00	3814	3815	Drlg

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	10 PM
WT.	9.7
VISC.	46
W.L. CC.	7.9
FLTR. CK.	2/32
P.H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	1000 lbs
Caustic	50 lbs
Bicarb	150 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER Fitz Rowell	8
DERRICK MAN Maurice Lamond	8
MOTOR MAN Alex Lindsay	8
HELPER Ryan Lindsay	8
HELPER Bill Chubb	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	500 PSI	PUMP PRES.	500 PSI	PUMP PRES.	PSI
ROT. R.P.M.	60	ROT. R.P.M.	60	ROT. R.P.M.	
POINTS WT.	1-2	POINTS WT.	1-2	POINTS WT.	
LINER SIZE	5 1/2 X 16	LINER SIZE	5 X 16	LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 66 DAY FROM SPUD DATE

WELL: Home Stead CTL 7-8 #2 | COMPANY: Home Oil Co. | RIG No. 26 | DATE March 1 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER: [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
21	STAND. D.P.	3779.81
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
1700	800

DRILLED

FROM	TO
	3803

FORMATION AND EXPLANATION: W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1400
WT.	8.7
VISC.	70
W. L. CC.	5.7
FLTR. CK.	2/32
P. H.	10.0

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER I.D. TRAPHER	8
DERRICK MAN E.D. TURNER	12
MOTOR MAN SAM PAWLUK	8
HELPER L. M. CANAGHIE	8
HELPER GERALD FRIESEN	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
21	STAND. D.P.	8738.53
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
800	1700

DRILLED

FROM	TO
	3803

FORMATION AND EXPLANATION: W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER LIONEL LEBLANC	8
DERRICK MAN MALPOINT RAYMOND	8
MOTOR MAN REINHOLD MOTH	8
HELPER PHIL COLLINS	8
HELPER CHARLIE SQUARE	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
21	STAND. D.P.	8738.53
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER DRILL	291.04
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
400	1100
1400	1900

DRILLED

FROM	TO

FORMATION AND EXPLANATION: W.O.C. Cement / W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Gerrard	8
DERRICK MAN Malpoint Raymond	4
MOTOR MAN Jean Morin	8
HELPER Pierre Jarvis	8
HELPER Carl Fauch	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	5 1/2 X 16	LINER SIZE	6 X 16	LINER SIZE	6 X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY · EDMONTON

THIS IS THE 65 DAY FROM SPUD DATE

WELL: Home Canol Norfleet B | COMPANY: HOME OIL CO | RIG NO. 26 | DATE: Feb 29 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER: N. Hammond

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
41	STAND. D.P.	2738.93
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	400			W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL		HRS.
DRILLER	ED TORTIER	8
DERRICK MAN	ED TURNER	8
MOTOR MAN	SAM PAISLEY	8
HELPER	J.H. McCRACKEN	8
HELPER	GERALD FRISTADT	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	400			W.O.C.
		3805	3805	

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P.H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL		HRS.
DRILLER	LIONEL LEBLANC	8
DERRICK MAN	WILBURN RAYMOND	8
MOTOR MAN	ARNOLD MOTH	8
HELPER	ROY FALLAS	8
HELPER	MORRIS ROBERTS	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
41	STAND. D.P.	2738.93
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	1200			W.O. CEMENT
		3805	3805	

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL		HRS.
DRILLER	PETER KADRAL	8
DERRICK MAN	MARVIN RAYMOND	9
MOTOR MAN	TONY MARTIN	8
HELPER	BRUCE WARREN	9
HELPER	CARL KRUSE	8
HELPER		
HELPER		

REMARKS (REPAIRS, ACCIDENTS AND ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	5"	LINER SIZE		LINER SIZE	5 X 14

CALGARY **BRINKERHOFF DRILLING COMPANY LTD.** EDMONTON

THIS IS THE 64 DAY FROM SPUD DATE

WELL Home Sahtu Co-operative Home Oil Co. | COMPANY | RIG NO. 21 | DATE Feb. 28 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 1/16 IF	FEET	RUN No.	29
41	STAND. D.P.	2735 ft	SIZE	1 3/4
	SNGLS. D.P.		MFG.	H.T.C.
	LNGTH. CLRS.		TYPE	DSC
	KELLY IN		SER. No.	71731
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	—
DRILL COLLARS			FOOTAGE	—
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12 00	4 00			W.O. LINER
4 00	4 30			Running In Bottom 11' Fill
4 30				Hoisting & Laid Down
	8 00			Drill Collars

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME	2 00	
WT.	8.9	
VISC.	120	
W. L. CC.	5.0	
FLTR. CK.	2/32	
P. H.	10.6	
MUD & CHEM. ADDED		
TYPE	AMOUNT	

DRLG. CREW PAYROLL	HRS.
DRILLER E.D. TRATHER	8
DERRICK MAN E.D. TURNER	8
MOTOR MAN Sam Paulik	8
HELPER Wm. McConachie	8
HELPER Gerald Frenette	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	
	STAND. D.P.		SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
8 00	8 15	10 2863		Pick Sidelink Shank Rod
8 15	9 15			Pick To Run Liner
9 15	12 30			Run 11 Jts 4 1/2" 9.5# J-55 Liner & Packer
12 30	4 00			Run Wireline Run 30 Stds in &
				Pull Out

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME	2 00	
WT.	8.9	
VISC.	120	
W. L. CC.	5.0	
FLTR. CK.	2/32	
P. H.	10.6	
MUD & CHEM. ADDED		
TYPE	AMOUNT	

DRLG. CREW PAYROLL	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Marvin Richmond	8
MOTOR MAN Archibald McHale	8
HELPER Ray Collins	8
HELPER Theodore Savard	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 1/16 IF	FEET	RUN No.	
41	STAND. D.P.	3728.83	SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
5 00	5 00			Pick up Csg. Hook Set Liner Packer
5 00	5 30			Mix & Pump Diesel Cement
				Displace with Water
5 30	1 00			Pull Drill Pipe @ Liner Top
1 00	1 00			Circ. Excess Cement
7 00	7 00			Pull Drill Pipe
8 00	12 00			W.O. Cement

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		
MUD & CHEM. ADDED		
TYPE	AMOUNT	

DRLG. CREW PAYROLL	HRS.
DRILLER Victor Kroeger	8
DERRICK MAN Dwayne Redmond	4
MOTOR MAN Tom Martin	12
HELPER Bruce Decker	8
HELPER Paul Lynch	12
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

Total Liner Run 2 Jts 2 Liner 267.89 Packer Set @ 2552 Shoe @ 3799

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	5" X 6

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 63 DAY FROM SPUD DATE

WELL: Home 300 A-1 C5 A Coal Lease #3 | COMPANY: Home Oil Co. | RIG NO. 26 | DATE: Feb 27 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER: Wm Kenny

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
#1	STAND. D.P.	3729.83
	SNGLS. D.P.	
A	LNGTH. CLRS.	46.16
	KELLY IN	13.00
	OTHER	8.91
	TOTAL	3803.

DRILL COLLARS

No.	DIAMETER	LGTH.
2	6 3/4"	46.16

BIT RECORD

RUN No.	29
SIZE	6 3/4
MFG.	HTC
TYPE	OSC
SER. No.	79731
DEPTH OUT	
HOURS RUN	—
FOOTAGE	—
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
12:00	8:00

DRILLED

FROM	TO
	50'

FORMATION AND EXPLANATION: Mixing mud & W.O. Liner

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	8:00
WT.	99
VISC.	130
W. L. CC.	5.0
FLTR. CK.	2/32
P. H.	6.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	4400#
Quebracho	50#
Barium	100#

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	8
DERRICK MAN Ed Turner	9
MOTOR MAN Sam Pawluk	9
HELPER Wm. McConachie	8
HELPER Gerald Freundl	9
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
#1	STAND. D.P.	3729.83
	SNGLS. D.P.	
A	LNGTH. CLRS.	46.16
	KELLY IN	13.00
	OTHER	2.11
	TOTAL	3803.

DRILL COLLARS

No.	DIAMETER	LGTH.
2	6 3/4"	46.16

BIT RECORD

RUN No.	29
SIZE	6 3/4
MFG.	HTC
TYPE	OSC
SER. No.	79731
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
8:00	4:00

DRILLED

FROM	TO

FORMATION AND EXPLANATION: W.O. Liner

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	12:00
WT.	99
VISC.	120
W. L. CC.	5.0
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Marvin Pulkinen	8
MOTOR MAN Heinz Lohmuth	8
HELPER Ed Pallister	8
HELPER Phillip Savard	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
#1	STAND. D.P.	3729.83
	SNGLS. D.P.	
A	LNGTH. CLRS.	46.16
	KELLY IN	13.00
	OTHER	2.11
	TOTAL	3803

DRILL COLLARS

No.	DIAMETER	LGTH.
2	6 3/4"	46.16

BIT RECORD

RUN No.	28
SIZE	6 1/4
MFG.	HTC
TYPE	FDG
SER. No.	77751
DEPTH OUT	—
HOURS RUN	—
FOOTAGE	—
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
4:00	12:00

DRILLED

FROM	TO
3723'	
20	

FORMATION AND EXPLANATION: W.O. Liner

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kapral	8
DERRICK MAN Richard Collins	8
MOTOR MAN Tom Marken	8
HELPER Bruce Wenden	8
HELPER Carl Stuart	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

E. Brinkerhoff

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	5" X 16	LINER SIZE		LINER SIZE	5" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 6 & 2 DAY FROM SPUD DATE

WELL Home Oil Co. Hamilton et al Wells | COMPANY Home Oil Co. | RIG No. 24 | DATE Feb. 26 1960

LSD. | SEC. 1 | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
41	STAND. D.P.	3799.83
	SNGLS. D.P.	
2	LNGTH. CLRS.	46.16
	KELLY IN	1320
	OTHER	4.81
	TOTAL	3803.

DRILL COLLARS

No.	DIAMETER	LGTH.
2	4 3/4	62.16

BIT RECORD

RUN No.	22
SIZE	6 1/4
MFG.	HTC.
TYPE	DUV
SER. No.	93193
DEPTH OUT	
HOURS RUN	18
FOOTAGE	33
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
1200	800

DRILLED

FROM	TO

FORMATION AND EXPLANATION

Mixing Mud

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	4PM	7PM
WT.	9.2	9.2
VISC.	58	70
W. L. CC.	9.2	9.1
FLTR. CK.	1/32	F/1
P. H.	10.0	10.0

MUD & CHEM. ADDED

TYPE	AMOUNT
Caus. T.C.	100 #
Drispac	100 #
Aqua	4500 gal

DRLG. CREW PAYROLL

	HRS.
DRILLER E. D. TRATTNER	8
DERRICK MAN E. D. TURNER	8
MOTOR MAN Sam Pawlak	8
HELPER Ian McCONACHIE	8
HELPER Gordon FREEMAN	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
800	2000

DRILLED

FROM	TO

FORMATION AND EXPLANATION

Mixing mud and circulating

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	9PM	5AM
WT.	9.8	9.8
VISC.	91	133
W. L. CC.	9.4	8.8
FLTR. CK.	2/32	2/32
P. H.	11	11

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	1000 #
Caustic	150 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LaBlanc	8
DERRICK MAN Maurice Rainville	8
MOTOR MAN Arnold Mouth	8
HELPER Ron Collins	8
HELPER Charles Saulnier	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
41	STAND. D.P.	3795.42
	SNGLS. D.P.	
2	LNGTH. CLRS.	46.16
	KELLY IN	13.22
	OTHER	4.81
	TOTAL	3803.

DRILL COLLARS

No.	DIAMETER	LGTH.
2	4 3/4	62.16

BIT RECORD

RUN No.	21	23
SIZE	6 1/4	6 1/4
MFG.	HTC	HTC
TYPE	DUV	ASC
SER. No.	93193	93192
DEPTH OUT	3770	
HOURS RUN	17	—
FOOTAGE	33	—
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
2000	400
800	815
915	1015

DRILLED

FROM	TO
3795	

FORMATION AND EXPLANATION

Circulating mud while waiting on Full Circulation with 50% circulation to the surface. Circulating to condition hole for logging. Rigging up to log.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	8PM	
WT.	9.8	
VISC.	145	82
W. L. CC.	8.8	
FLTR. CK.	2/32	
P. H.	11	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	1000 #
Caustic	50 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kopral	8
DERRICK MAN Donald Rollins	8
MOTOR MAN Ted Morton	8
HELPER Ralph Lapden	8
HELPER Carl Tamuck	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.
CALGARY EDMONTON

THIS IS THE 6th DAY FROM SPUD DATE

WELL: Home Special esso et al Bigoray 2 | COMPANY: Home Oil Co. | RIG NO. 26 | DATE Feb 25 1960
LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
46	STAND. D.P.	3760.42
3	SNGLS. D.P.	140.75
2	LNGTH. CLRS.	46.16
	KELLY IN	36.70
	OTHER	4.81
	TOTAL	3996

DRILL COLLARS

No.	DIAMETER	LGTH.
2	4 3/4	46.16

BIT RECORD

RUN No.	27
SIZE	6 3/4
MFG.	UTC
TYPE	OWV
SER. No.	73177
DEPTH OUT	
HOURS RUN	14 1/2
FOOTAGE	21
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	1230	3780	3798	Drlg.
1230	1230			Reaming & check BOP
1230	900	3781	3796	Drlg.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	AM	
WT.	69	69
VISC.	70	75
W. L. CC.	8.4	8.0
FLTR. CK.	1/32	1/32
P.H.	10.0	10.2

MUD & CHEM. ADDED

TYPE	AMOUNT
CC	1600 #

DRLG. CREW PAYROLL

	HRS.
DRILLER J.D. Trottier	8
DERRICK MAN E.D. Turner	8
MOTOR MAN Sam Pawluk	8
HELPER Wm. McCouach jr.	8
HELPER Gerald Fraundh.	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
46	STAND. D.P.	3739.83
	SNGLS. D.P.	
2	LNGTH. CLRS.	46.16
	KELLY IN	13.20
	OTHER	4.81
	TOTAL	3803

DRILL COLLARS

No.	DIAMETER	LGTH.
2	4 3/4	46.16

BIT RECORD

RUN No.	27
SIZE	6 3/4
MFG.	HTC
TYPE	OWV
SER. No.	73177
DEPTH OUT	
HOURS RUN	7
FOOTAGE	23
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	815	3796		Rig. Circ check BOP
815	1200		3805	Drlg Logging circ. in Formation
1200				Pulled to 3805 trip for BHA
	400			Mixed mud
				Strap in and pick up BHA
				Trip in hole to bottom
				Ahead

DEVIATION

DEPTH	DEGREES
3776	2 1/4°
3805	2 1/2°

MUD RECORD

TIME	0400	
WT.	69	
VISC.	85	
W. L. CC.	8.4	
FLTR. CK.	1/32	
P.H.	10.0	

MUD & CHEM. ADDED

TYPE	AMOUNT
CC	2000 #
Caustic	200 #
Chrome	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Jim Sherlock	8
DERRICK MAN Harold Richmond	8
MOTOR MAN Stephen Mills	2
HELPER Don Collins	6
HELPER Walter Sand	2
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
46	STAND. D.P.	3738.92
	SNGLS. D.P.	
2	LNGTH. CLRS.	46.16
	KELLY IN	13.20
	OTHER	4.81
	TOTAL	3803

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	27
SIZE	6 3/4
MFG.	STC
TYPE	OWV
SER. No.	73177
DEPTH OUT	
HOURS RUN	15 1/2
FOOTAGE	23
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	930			Mixing Mud
930	1200			Pump = 1925 BBL Conditioned Mud
				Trip Dp out 2 Singles 30 Min
				Wait

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	930	1200
WT.	69	69
VISC.	60	120
W. L. CC.	8.0	8.0
FLTR. CK.	3/32	3/32
P.H.	10.0	10.0

MUD & CHEM. ADDED

TYPE	AMOUNT
CC	1600 #
Caustic	200 #
Chrome	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kapral	8
DERRICK MAN Harold Reeves	8
MOTOR MAN Tom Meaney	8
HELPER George Wardell	8
HELPER Carl Kapral	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

Change 15# SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	750 PSI	PUMP PRES.	1000 PSI	PUMP PRES.	PSI
ROT. R.P.M.	40	ROT. R.P.M.	60	ROT. R.P.M.	
POINTS WT.	9	POINTS WT.	8	POINTS WT.	
LINER SIZE	5 1/2 x 14	LINER SIZE	5 1/2 x 14	LINER SIZE	

CALGARY **BRINKERHOFF DRILLING COMPANY LTD.** EDMONTON

THIS IS THE 6TH DAY FROM SPUD DATE

WELL	COMPANY	RIG No.	DATE
Home Grand 650 Setback #2	Home Oil Co.	26	Feb. 24 1960
LSD. SEC. TWP. RNGE. W/ MER.	PROVINCE N.W.T.	TOOL PUSHER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
41	STAND. D.P. 2 7/8	3738.80
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	25.00
	OTHER	41.11
	TOTAL	3804.91

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	21
SIZE	6 3/4
MFG.	HTC
TYPE	J-33
SER. No.	74771
DEPTH OUT	
HOURS RUN	9 3/4
FOOTAGE	12
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12:30 a.m.	5:15	3759	3766	Trip for 6 3/4 Hole
5:15	6:30			Circulate Sample
6:30		3766	3768	Drlg. 6 3/4 Hole

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	2:30 p.m.	
WT.	9.3	9.2
VISC.	90	85
W. L. CC.	6.5	6.4
FLTR. CK.	2/32	2/32
P. H.	10.0	10.0

MUD & CHEM. ADDED

TYPE	AMOUNT
Driscose	100 lbs
CMC	1200 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER E.D. TURNER	8
DERRICK MAN E.D. TURNER	8
MOTOR MAN Sam Rawlak	8
HELPER Wm. W. Churchill	8
HELPER Gerald Fretwell	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 IF	FEET
40	STAND. D.P.	3647.66
1	SNGLS. D.P.	30.00
2	LNGTH. CLRS.	61.14
	KELLY IN	25.00
	OTHER	41.11
	TOTAL	3804.91

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	20	21
SIZE	6 3/4	6 3/4
MFG.	STC	HTC
TYPE	J-33	J-33
SER. No.	74771	74771
DEPTH OUT	3759	
HOURS RUN	10	
FOOTAGE	76	
REAMER CUTTER No.		
TYPE		

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
6:30	11:45	3714	3731	Drlg.
11:45	12:30			Circulate
12:30	1:15			Drop Survey - Trip for Bit
1:15	2:30			Cut Drlg. Line
2:30	6:30			Trip in, Wash & Ream

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W.L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Woodrow Hammond	8
MOTOR MAN Fernand Mire	8
HELPER Ray O. Lines	8
HELPER Eddie Savard	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8	FEET
40	STAND. D.P.	3647.66
2	SNGLS. D.P.	60.75
2	LNGTH. CLRS.	61.14
	KELLY IN	30.00
	OTHER	41.11
	TOTAL	3780.66

DRILL COLLARS

No.	DIAMETER	LGTH.
3	6 3/4	90.14

BIT RECORD

RUN No.	22
SIZE	6 3/4
MFG.	STC
TYPE	DGV
SER. No.	72477
DEPTH OUT	
HOURS RUN	6 1/2
FOOTAGE	2
REAMER CUTTER No.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4:00	5:30	3771	3771	Ream 30' To Bottom
5:30	12:00	3771	3780	Drlg 6 3/4 Hole

DEVIATION

DEPTH	DEGREES
Trip for Bit	2°
Corr.	1 1/2°

MUD RECORD

TIME	1:00 p.m.	8:00
WT.	9.3	9.0
VISC.	95	110
W. L. CC.	4.6	4.4
FLTR. CK.	2/32	2/32
P. H.	9.0	9.0

MUD & CHEM. ADDED

TYPE	AMOUNT
Driscose	75 lbs
D-Foam	10 lbs
CMC	100 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Madral	9
DERRICK MAN Howard Pollins	8
MOTOR MAN Tom Martin	8
HELPER Richard Warden	9
HELPER Carl Kirsch	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	470 PSI	PUMP PRES.	470 PSI	PUMP PRES.	450 PSI
ROT. R.P.M.	60	ROT. R.P.M.	60	ROT. R.P.M.	120
POINTS WT.	2-3	POINTS WT.	2-3	POINTS WT.	2-4
LINER SIZE	5" X 6"	LINER SIZE	5" X 6"	LINER SIZE	5" X 6"

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 5th DAY FROM SPUD DATE

WELL HOME SHOAL CREEK BETA #2 | COMPANY HOME Oil Co. | RIG No. 26 | DATE FEB 23 1960

LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
HD	STAND. D.P.	3402.5
2	SNGLS. D.P.	61.12
	LNGTH. CLRS.	
	KELLY IN	26.00
	OTHER	3.21
	TOTAL	3727.50

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.	25	
SIZE	6 1/4	
MFG.	H.T.C.	
TYPE	F.C.C.	
SER. NO.	R.R. Run	
DEPTH OUT		
HOURS RUN	5 1/4	
FOOTAGE	60	
REAMER CUTTER NO.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1700	1730			TRIPPING
1730	1800			BREAK CIRC.
1800	1845	3699	3737	REAM
1845	1945			DRILLING IRON
1945	EOT			CIRCULATE TO CONDITION MUD

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME	4:00	
WT.	8.9	
VISC.	44	
W. L. CC.	6.8	
FLTR. CK.	2/32	
P. H.	10.0	

MUD & CHEM. ADDED

TYPE	AMOUNT
Bridg	1 sx
Barite	2 sx

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TROTTIER	8
DERRICK MAN LEO TURNER	8
MOTOR MAN SAM PAVLUK	8
HELPER Wm. McDONALD Jr.	8
HELPER GRADY FOUND	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
HD	STAND. D.P.	3402.5
2	SNGLS. D.P.	61.12
	LNGTH. CLRS.	
	KELLY IN	38.21
	OTHER	41.41
	TOTAL	3780.97

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.	25	
SIZE	6 1/4	
MFG.	H.T.C.	
TYPE	OSC	
SER. NO.	R.R.	
DEPTH OUT		
HOURS RUN	1 1/4	
FOOTAGE	53	
REAMER CUTTER NO.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
0700	0715			Circ. to condition mud
0715	0915	3727	3750	Drlg.
0915	WSS			Rig Service

DEVIATION

DEPTH	DEGREES
3750	1/4°
SELECT MATERIAL	15 BAGS IN PLACE

MUD RECORD

TIME	11:30	
WT.	9.4	
VISC.	100	
W. L. CC.	4.1	
FLTR. CK.	2/32	
P. H.	10.0	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	400 #
Barite	50 #
Bridge	50 #

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
41	STAND. D.P.	3750.30
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	16.77
	OTHER	41.41
	TOTAL	3808

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN NO.	25A	26
SIZE	6 3/4	6 1/4
MFG.	H.T.C.	H.T.C.
TYPE	OSC	J.D.7
SER. NO.	R.R.	74731
DEPTH OUT	[illegible]	
HOURS RUN	[illegible]	1 1/2
FOOTAGE	70	[illegible]
REAMER CUTTER NO.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
0300	0415			MIXING MUD
0415	0815	3750	3756	DRILLING 6 1/4" HOLE
0815	1630			TRIP FOR BIT
1630	1200	3756	3769	DRILL 6 1/4" HOLE

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME	3:00	11:30
WT.	9.8	8.8
VISC.	115	105
W. L. CC.	4.2	4.1
FLTR. CK.	2/32	2/32
P. H.	10.0	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	7 sx
Caustic	2 sx
Bridge	50 #

DRLG. CREW PAYROLL

	HRS.
DRILLER PETER KIPRAL	8
DERRICK MAN DONALD CARLING	8
MOTOR MAN TOM MARTIN	8
HELPER BRIAN WARDEN	8
HELPER CLARK KOHUCH	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

for Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	[illegible] PSI	PUMP PRES.	[illegible] PSI	PUMP PRES.	600 PSI
ROT. R.P.M.	[illegible]	ROT. R.P.M.	45	ROT. R.P.M.	60
POINTS WT.	[illegible]	POINTS WT.	[illegible]	POINTS WT.	1-3
LINER SIZE	5 X 16	LINER SIZE	5 X 16	LINER SIZE	5 X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 5th DAY FROM SPUD DATE

WELL: Home Cabin Creek [illegible] | COMPANY: Home Oil Co. | RIG NO.: 26 | DATE: Feb. 22 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: Alta. T. | TOOL PUSHER

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
40	STAND. D.P.	3642.64
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	22.00
	OTHER	18.41
	TOTAL	3707.05

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	25
SIZE	7 7/8
MFG.	HTC.
TYPE	ASC
SER. No.	[illegible]
DEPTH OUT	[illegible]
HOURS RUN	1
FOOTAGE	16
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	1300			Fishing
1300	2400			Ran 4 1/2 DP to 3707
				Otis POT equipment

DEVIATION: DEPTH | DEGREES

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED: TYPE | AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	8
DERRICK MAN Ed Turner	8
MOTOR MAN Geo. Paulik	8
HELPER [illegible]	8
HELPER Gerald Ferguson	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	Mid			Went to Rig up POT Equipment

DEVIATION: DEPTH | DEGREES

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED: TYPE | AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER Dan Collins	8
HELPER [illegible]	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	40
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	25
SIZE	6 1/4
MFG.	HTC.
TYPE	ASC
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	1100			Went To Hook up POT Equipment
1100	1200			Run in Hole with 6 1/4 Bit

DEVIATION: DEPTH | DEGREES

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED: TYPE | AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kanpal	8
DERRICK MAN [illegible]	8
MOTOR MAN Fred Martin	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 5th DAY FROM SPUD DATE

WELL: Home et al Coastal et al Caribou F-76 | COMPANY: Home Oil Co. | RIG No.: 21 | DATE: Feb. 21 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER:

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	
	STAND. D.P.		SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. NO.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER NO.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1700	1800			Rigged up, Started mixing mud
1800	2145			Ran 8 5/8" casing with 8 centr. 3/4"
2145				Started Drlg
2145	2345			Lost Drlg Fluid to Top of
2345				Possible mud casing & Annulus
				In Hole, Intermittent
	800			Cont To 1600

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD	
TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED TYPE	AMOUNT

DRLG. CREW PAYROLL		HRS.
DRILLER	Ed Thrasher	8
DERRICK MAN	Ed Thrasher	8
MOTOR MAN	Sam Pawlyk	8
HELPER	W. McKenzie	8
HELPER	Gerard Fabian	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	#5
	STAND. D.P.		SIZE	6 1/4
	SNGLS. D.P.		MFG.	STC
	LNGTH. CLRS.		TYPE	OSC
	KELLY IN		SER. No.	K 1504
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	1200			10 ℄ 1000 lbs on Cassing Reed
				Rate 40 min/4 minutes
1200	1300			Drilling Ahead
1300	1800			Circulate Condition mud

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD	
TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED TYPE	AMOUNT
CERONIX	200 #
DERMIT	300 #
GEL	1000 #

DRLG. CREW PAYROLL		HRS.
DRILLER	Lionel Lerlerc	8
DERRICK MAN	Wilfrid Pruneau	8
MOTOR MAN	Reginald Hughes	8
HELPER	Art Collins	8
HELPER	Charles Savard	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 7/8"	FEET	RUN No.	2-5
20	STAND. D.P.	3644.0	SIZE	6 1/4
	SNGLS. D.P.		MFG.	STC
	LNGTH. CLRS.		TYPE	OSC
	KELLY IN	26.00	SER. No.	K 1504
	OTHER	6.67	DEPTH OUT	
	TOTAL	3676.67	HOURS RUN	1
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1730	1900			Circ & Condition Mud
1900	1900	3644	3677	Trip Out Cement Plug
1900	1920			Set 1000# 20 min OK
1920	1700			Circ Condition Mud & Log

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD	
TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED TYPE	AMOUNT
Gel	2,000 #
D-Flow	300 #
Bicarb	500 #

DRLG. CREW PAYROLL		HRS.
DRILLER	Frank Harrel	8
DERRICK MAN	Donald Collins	8
MOTOR MAN	Tom Martin	8
HELPER	Ronald Darden	8
HELPER	Floyd Rough	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD. EDMONTON

GARY

THIS IS THE 5th DAY FROM SPUD DATE

WELL [illegible] COMPANY Encana Oil Co.

RIG No. 26 DATE Feb 20 1990

LSD. / SEC. / TWP. RNGE. W/ MER. PROVINCE N.W.T.

TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
Rig	8:30			W.O.T.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	ED TURNER	8
DERRICK MAN	ED TURNER	8
MOTOR MAN	Gary Gauthier	8
HELPER	[illegible] Mc Donohue	8
HELPER	Orval Fauendo	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
9:00	1:00			W.O.C.
1:00	1:15			Drill out Hard Nu Vue Cmt
1:15	2:00			Drill out Rubber Plug & Float Collar @ 2360'
2:00	4:30			Drill F.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel Heallee	
DERRICK MAN	Harold Redmond	
MOTOR MAN	Reinhold Mast	
HELPER	Ron Collins	
HELPER	Charles Sacard	
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4:30	5:30			W.O.C. Mix Lectured Material
5:30	6:15			Drill out to Fill hole to 306 FT Ann
6:15	10:15			W.O.C.
10:15	10:45			Prepare to Run Casing To 1097 G
10:45	11:45			Rig off Casing
				Prepare to Cement
	1:00			Cement off Mousehole
1:00	1:30			W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Mud Flush	20 sk
Gel Flush	20 sk

DRLG. CREW PAYROLL

		HRS.
DRILLER	Peter Kappel	8
DERRICK MAN	Donald Calvert	8
MOTOR MAN	John Martin	9
HELPER	Joe Needen	9
HELPER	[illegible] Fisher	9
HELPER		
HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES. PSI		PUMP PRES. PSI		PUMP PRES. PSI	
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 25 DAY FROM SPUD DATE

WELL	COMPANY	RIG NO.	DATE
Home Bay C-8-F Amoco et al	Amoco Can Pet Co	26	Feb 10-83

LSD.	SEC.	TWP.	RNGE.	W/ MER.	PROVINCE	TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12 00	100			Rig up & Circulate Mud
1 00	3 00			Nipple up BOP's Blooie Line & Flare Pit
				Pressure test BOP's & Kelly
3 00	8 00			D.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Lessel	8
DERRICK MAN Terry Rollins	8
MOTOR MAN Ron Morin	8
HELPER Dave Wheeler	8
HELPER Don Koduck	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8 00	10 00			W. O. C.
10 00	11 30			Nipple up & BOP's Pressure test
11 30	12 30			Pick up BHA & TIH to 1200'
12 30	1 00			Drill out cement & float equip.
1 00	4 00			Drill ahead to 1615'

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trafford	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Pawluk	8
HELPER Tom McMahon	8
HELPER Gerald Fremont	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4 00	8 45			Mixing mud & Drilling
8 45	9 00			Short trip to 800' & back to bottom
9 00	10 15			Circulate hole clean & mix pill
10 15	12 00			T O O H

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	9 00
WT.	9.4
VISC.	50
W. L. CC.	6.4
FLTR. CK.	tr
P. H.	9.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	1000 #
Flo Plug	200 Ks
Barawid	600 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Leblanc	4
DERRICK MAN Marvin Richmond	4
MOTOR MAN Reinhold Roth	4
HELPER Tom Collins	4
HELPER Jim Crumb	3
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	5" X 12	LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 69 DAY FROM SPUD DATE

WELL Home S. Crk C.S.P. Celebeth #2 | COMPANY Home Oil Co | RIG NO. 26 | DATE Feb 19 - 1967

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 4 1/2"	FEET	RUN NO.	25
40	STAND. D.P.	3247.29	SIZE	7 1/4"
	SNGLS. D.P.		MFG.	H.T.C.
	LNGTH. CLRS.		TYPE	OSC
	KELLY IN	28.16	SER. NO.	L7885
	OTHER	2.05	DEPTH OUT	
	TOTAL	3277.50	HOURS RUN	19 3/4
DRILL COLLARS			FOOTAGE	202.
No.	DIAMETER	LGTH.	REAMER CUTTER NO.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12 MN	8 AM			Circ. & Condition Mud Build Volume
				Clean Pits & Mud Tanks

DEVIATION DEPTH	DEVIATION DEGREES
	°
	°

MUD RECORD		
TIME		8 AM
WT.		9.0
VISC.		40
W. L. CC.		11.2
FLTR. CK.		2/32
P. H.		8.5
MUD & CHEM. ADDED		
TYPE	AMOUNT	
CMC	10.200#	
Q Brown	1.050#	

DRLG. CREW PAYROLL	HRS.
DRILLER Peter Karpiak	8
DERRICK MAN Donald Collins	8
MOTOR MAN Tom Moptin	8
HELPER Bruce Warden	8
HELPER Carl Kohuch	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 1/4	FEET	RUN NO.	25
40	STAND. D.P.	7267.72	SIZE	6 1/4
	SNGLS. D.P.		MFG.	H.T.C.
	LNGTH. CLRS.		TYPE	OSC
	KELLY IN	28.16	SER. NO.	L7995
	OTHER	2.05	DEPTH OUT	3577
	TOTAL	7297.93	HOURS RUN	17 3/4
DRILL COLLARS			FOOTAGE	302
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8 00	8 45			C.B.C. & Condition Mud
8 45	10 30	8039		Haul Tbg. out of Hole
10 30				R.U. to Perforate w/ Lubricator
	11 15			Wiper
11 15	1 15			Perforate
1 15				Run in Drill Pipe w/ Packer
	4 00			Testing

DEVIATION DEPTH	DEVIATION DEGREES
	°
	°

MUD RECORD		
TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		
MUD & CHEM. ADDED		
TYPE	AMOUNT	
Starlin	100#	

DRLG. CREW PAYROLL	HRS.
DRILLER Ed Trottier	8
DERRICK MAN Ed Tarnier	8
MOTOR MAN Sam Pawluk	8
HELPER Wm Wolfenschitz	8
HELPER Gerald Freundl	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE 2 7/8	FEET	RUN No.	
40	STAND. D.P.	7847.75	SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4 00	5 30			Pumping down Casing w/ Tubing
5 30				Mixing mud

DEVIATION DEPTH	DEVIATION DEGREES
	°
	°

MUD RECORD		
TIME	11.30	
WT.	9.0	
VISC.	70	
W. L. CC.	4.4	
FLTR. CK.	1/32	
P. H.	8.4	
MUD & CHEM. ADDED		
TYPE	AMOUNT	
CMC	82.00	
Drispac	7.00	
Caustic	1.00	

DRLG. CREW PAYROLL	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Murwin Redmond	8
MOTOR MAN Reginald Wilson	8
HELPER Ray Collins	8
HELPER Paul Bolger Sr.	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	2400 PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	6" X 16"	LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 5 DAY FROM SPUD DATE

WELL Home Cons. Acreage #2 | COMPANY Home Oil Co | RIG No. 2-L | DATE FEB 17 - 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P.	3644.20
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	13.50
	OTHER	7.85
	TOTAL	3665.55

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	25
SIZE	6 3/4
MFG.	H.T.C.
TYPE	OSC
SER. No.	67575
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1500	1230			C.O. F.C.
1230	1345			P.S.I. Y.P. 21.0 Vis 40 sec. 12.8
1345	100			P.S.I. Pipe Ram Blind Ram OK
100	600	3475	3569	Drilling Out Cement Plug

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Barite	1 100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Fred Laroche	8
DERRICK MAN Jimmy Mains	8
MOTOR MAN Tom Mackin	8
HELPER Edward Fenton	8
HELPER Don Tolland	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8	FEET
39	STAND. D.P.	3554.10
2	SNGLS. D.P.	109.15
	LNGTH. CLRS.	
	KELLY IN	13.00
	OTHER	2.05
	TOTAL	3678.30

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	25
SIZE	6 3/4
MFG.	H.T.C.
TYPE	OSC
SER. No.	67575
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
500	645	3569	3648	Drilling out Cement Plug

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1200
WT.	8.6
VISC.	38
W. L. CC.	6.2
FLTR. CK.	2/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Barite	800 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Tibbitter	8
DERRICK MAN Ed Tibbitter	8
MOTOR MAN Sam Cowlick	8
HELPER Wm. McConnelly	8
HELPER Leonard Fenton	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 2 7/8 IF	FEET
39	STAND. D.P.	3647.90
2	SNGLS. D.P.	109.15
	LNGTH. CLRS.	
	KELLY IN	13.00
	OTHER	2.05
	TOTAL	3772.10

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	26
SIZE	6 1/4
MFG.	H.T.C.
TYPE	OSC
SER. No.	67575
DEPTH OUT	
HOURS RUN	17 3/4
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	645			Drlg. Cement Plug Above Tank
645	1200			Clean out mud Tank
				Mixing mud

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	600 #
Caustic	150 #
Drispac	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Therriault	8
DERRICK MAN Wm. Edwin Desmond	8
MOTOR MAN Richard McMahon	8
HELPER Paul Rollins	8
HELPER Charles Edward	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

(SEE Reverse Side)

L. Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 62 DAY FROM SPUD DATE

WELL: Home Sinclair McP Fairbairn 12-21 | COMPANY: Home Oil Co. | RIG NO. 26 | DATE: Feb 16 - 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12:30	8 PM			Nabors No 7 ROR Install
		2154		Table & Floor

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER: Peter Kaprai	8
DERRICK MAN: Donald Collins	8
MOTOR MAN: John Norton	8
HELPER: Wayne Hardon	8
HELPER: Earl Kondrat	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8 AM	9 AM			Wash Out ROP Line
9 AM				Laid Down 4½ Drill Pipe
	11 PM			Rig

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER: Ed Tolton	8
DERRICK MAN: Ed Turner	8
MOTOR MAN: Bob Danluk	8
HELPER: Wm. McConachie	8
HELPER: Donald Friend	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 4"	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	161
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE	6¼		
MFG.	HTC		
TYPE	OSC		
SER. No.	67291		
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
11 PM	1 AM			Pick up 3½ Kelly 3½ drive
1 AM	10:30			Break Circulation Pump Line
10:30	11:30			Rig up 3½ drive
11:30	12 PM			Circulate

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER: Leonard Carr	8
DERRICK MAN: Marvin Redmond	8
MOTOR MAN: Percival Wilson	8
HELPER: Jim Collins	8
HELPER: Charles Sawyer	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 5th DAY FROM SPUD DATE

WELL Home Sinc. Pine #3 | COMPANY Home Oil Co | RIG NO. 16 | DATE Feb 15 1963

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME: FROM 12 AM TO 9 AM

DRILLED: FROM TO 34

FORMATION AND EXPLANATION: W.O. SWABBING EQUIPMENT

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Farrell	8
DERRICK MAN David Collins	8
MOTOR MAN Tom Martin	8
HELPER Bruce Harden	8
HELPER Carl Kamish	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME: FROM 8 AM TO 4 PM

DRILLED: FROM TO

FORMATION AND EXPLANATION: W.O. SWABBING EQUIPMENT

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Oulton	8
HELPER D. McConachie	8
HELPER Gerald Erlandt	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN NO.		
SIZE		
MFG.		
TYPE		
SER. NO.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER NO.		
TYPE		

TIME: FROM 400 TO 800; FROM 700 TO 1200

DRILLED: FROM TO

FORMATION AND EXPLANATION: W.O. SWABBING EQUIPMENT; Cut off casing nipple for wellhead

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LaBlanc	8
DERRICK MAN Marquin Redmond	8
MOTOR MAN Donald Muth	8
HELPER Ted Collins	8
HELPER Charles Savard	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 50th DAY FROM SPUD DATE

WELL: Home Signal P.S.P. Co. Prov. | COMPANY: Home Oil Co | RIG NO. 26 | DATE: FEB 14, 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: Alta. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1700	2400	3154		Tear out Rotary Tools & Remove B.O.P. Equipment
2400	900			W.O. Swing Equipment

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Peter Koobel	8
DERRICK MAN	Darrell Collins	8
MOTOR MAN	Thain Gordon	8
HELPER	Bruce Jarden	8
HELPER	Carl Kristoff	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	1200			W.O. Swing Equipment

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Ed Trottier	8
DERRICK MAN	Ed Turner	8
MOTOR MAN	Sam Saulnier	4
HELPER	L. Dale Chisholm	9
HELPER	Ronald Fafard	9
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1100	1240	3734		W.O. Swing Equipment

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LeBlanc	8
DERRICK MAN	Maurice Desmond	8
MOTOR MAN	Pembina No. 4	8
HELPER	Ray Collins	8
HELPER	Chandler Cauron	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 4th DAY FROM SPUD DATE

WELL Home Canada Acreage Eastern #2 | COMPANY Home Oil Co. | RIG No. 26 | DATE Feb 13-1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.D.T. | TOOL PUSHER

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12 PM	12:30		40	Mixing Mud
12:30	1 PM	2710		Set 5" Casing Slips
1 PM	2:15			Rig Up Tongs
2:15	3:15			Pick Bit + Drill Collars, Water Hole 300 sax Cement, Displace Cement, Circulate Cement Rig Up Rotary Mud
				Rig Down 3:15 P.M.
11:15	7:00			W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel Bentonite	600 lbs
Caustic Soda	15 lbs
Quebracho Tannate	75 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kaprak	8
DERRICK MAN Marvin Raymond	8
MOTOR MAN Frank Worden	8
HELPER Bruce Worden	5
HELPER Carl Kohuch	8
HELPER	
HELPER	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8:00	4:00			W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic Soda	180 #
Quebracho	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER F.D. Turner	8
DERRICK MAN F.D. Turner	8
MOTOR MAN Sam Dauphinee	8
HELPER Wm. McDonagh	8
HELPER Gerald Fraser	8
HELPER	
HELPER	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4:00	8:00			W.O.C.
8:00	9:45			Run 4½ BBLS mud + raise PSI to 1200#
9:45	10:15			Release pressure to 500#
10:15	10:45			Run in hole to place of shoe
10:45	12:00			Attempt Rotary Table to lift BOP

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	10
DERRICK MAN Marvin Raymond	8
MOTOR MAN Reginald Muth	10
HELPER Ray Gilling	10
HELPER Charles Savard	10
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 28 DAY FROM SPUD DATE

WELL Home Gandel C-A(Cored) 3 | COMPANY Home Oil Co. | RIG No. 26 | DATE Feb 12 - 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12 AM	2 15			Drill in Tool Pusher Tours
2 15	4 15	2784		Pump Mud Out of Pason Suction Tank
4 15	8 00			Mix Gel Treatment Work Hole

MUD RECORD

TIME			
WT.			
VISC.			
W. L. CC.			
FLTR. CK.			
P. H.			

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	13 500#
Lignosol	20 Bags
Caustic Soda	2 Bags

DEVIATION

DEPTH	DEGREES
2 Degrees	1 Degrees
Tripping	2 Degrees

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kaboni	9
DERRICK MAN Charlie Redmond	8
MOTOR MAN Tom Kaptin	8
HELPER Fred Martell	8
HELPER Carl Kruzick	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOURS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
8 00	8 45			Mix Gel plug
8 45				pump down 20 BBLS of Gel
	10 30			Mix & clean suction Tank
10 30				Mix & pump plug with 90 BBLS of
	11 45			Gel
11 45				Gel plug off
	4 00			Mix mud

MUD RECORD

TIME			
WT.			
VISC.			
W. L. CC.			
FLTR. CK.			
P. H.			

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	6500
Lignosol	16 Bags
Caustic Soda	2 Bags

DEVIATION

DEPTH	DEGREES
1/4 Degrees	1 Degrees
Tripping	1/2 Degrees

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	8
DERRICK MAN Ed Turner	12
MOTOR MAN Sean Pavliuk	8
HELPER Jim McKenzie	8
HELPER Gerald Freundl	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.			
SIZE			
MFG.			
TYPE			
SER. No.			
DEPTH OUT			
HOUPS RUN			
FOOTAGE			
REAMER CUTTER No.			
TYPE			

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
4 00	8 00			W. O. Bed plug
8 00	1400			Run Gunnel's Survey
1600	1200			Mix up Gel

MUD RECORD

TIME			
WT.			
VISC.			
W. L. CC.			
FLTR. CK.			
P. H.			

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	2,000#

DEVIATION

DEPTH	DEGREES

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Leblanc	4
DERRICK MAN Aldwin Redmond	12
MOTOR MAN Rowland Smith	8
HELPER Ron Blanc	4
HELPER Glen Sinard	5
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY **BRINKERHOFF DRILLING COMPANY LTD.** EDMONTON

THIS IS THE 41 DAY FROM SPUD DATE

WELL [illegible] COMPANY Home Oil Co. RIG NO. 126 DATE Feb 11 - 1960

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE N.W.T. TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
24	STAND. D.P. 4½ FH	2179.76
	SNGLS. D.P.	IN DERRICK
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
12 00	1 00	3	24'
1 00	2 30		
2 30	8 00		

FORMATION AND EXPLANATION

FINISH HOIST
RIG UP TO RUN CASING
RUNNING 7" CASING

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	PETER KAPRAL	12
DERRICK MAN	MERVIN RAYMOND	12
MOTOR MAN	JOHN MARTIN	12
HELPER	BRUCE WARDEN	12
HELPER	CARL KNUECH	12
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
24	STAND. D.P. 4½ FH	2179.76
	SNGLS. D.P.	IN DERRICK
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
8 00	11 30		
11 30	11 45	24'	29'
11 45	4 00		

FORMATION AND EXPLANATION

RUNNING 7" CASING
CIRCULATE - 1 HOLE FINAL AMT
MIXING MUD - 1 FT TO SURF
40 FOOT TEMPERATURE - 4 20
MASTERSON TOTAL FLOW 100 CAUSTIC
100# CAUSTIC
FINISH TRIP UP

DEVIATION

DEPTH	DEGREES
DRILL	100#
DIRECTN	1000

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	5000#
CMC	30 Sacks
[illegible]	[illegible]

DRLG. CREW PAYROLL

		HRS.
DRILLER	F.D. TROTTIER	8
DERRICK MAN	F.D. TURNER	12
MOTOR MAN	SAM DAWNUK	8
HELPER	WM. MACDONACHIE	8
HELPER	FRED FRIEND	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
4	STAND. D.P.	2179.76
	SNGLS. D.P.	IN DERRICK
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
4 00	8 30		
8 30	11.30		
11.30	12 00		

FORMATION AND EXPLANATION

RUNNING CASING AND CEMENTING
PUMPED 60 BBLS CEMENT NORMAL
HANDLED NO RETURNS
RUNNING CASING

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
FIBRAFIL	WEAK

DRLG. CREW PAYROLL

		HRS.
DRILLER	LIONEL LEBLANC	4
DERRICK MAN	MARVIN RAYMOND	4
MOTOR MAN	REGINALD SMITH	16
HELPER	ROD ROLLINS	16
HELPER	DONALD CALVARD	16
HELPER		
HELPER		

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 46 DAY FROM SPUD DATE

WELL FARM Can. Superior #2 | COMPANY Amoco Can. | RIG No. 3 | DATE Feb 10 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P.	2281.4
3	SNGLS. D.P.	
4	LNGTH. CLRS.	113.50
	KELLY IN	37.00
	OTHER	32.00
	TOTAL	2520 ±

DRILL COLLARS

No.	DIAMETER	LGTH.
2	6 1/2"	1214

BIT RECORD

RUN No.	3A4
SIZE	9 3/4"
MFG.	SEC
TYPE	OSC-1C
SER. No.	RR17
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
15 00	21 30			WAIT TO LOG + CIRC.
21 30	2 15	2.30		RAN TO LOG W/ LINE WIRE
2 15	8 00			CIRCING

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ken Kreal	8
DERRICK MAN Marvin Reyman	8
MOTOR MAN Jack Bacon	8
HELPER Dave Hayden	8
HELPER Cecil Kehler	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
8 00	10 00			LOGGING
10 00	11 30			RAN 9 5/8" CSG W/ DIA-FILL FLOAT SHOE
11 30	4 00			RU + DRILL CMT ARCTIC
				DRILL 21 CMT

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Tiemeier	8
DERRICK MAN Ed Tiemeier	
MOTOR MAN Sam Zaluk	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
40	STAND. D.P.	2601.2
	SNGLS. D.P.	
1	LNGTH. CLRS.	26.00
	KELLY IN	37.00
	OTHER	32.00
	TOTAL	2696.20

DRILL COLLARS

No.	DIAMETER	LGTH.
		1214

BIT RECORD

RUN No.	3A5
SIZE	8 3/4"
MFG.	HTC
TYPE	OSC-1G
SER. No.	RR [illegible]
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12 00	6 45			Ran [illegible] CLR. [illegible] scale
6 45	9 15			Pick up Position and
9 15	12 00			Test Log [illegible] Collars

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Chem.	105#
Pheno.	100#
Caust.	25#

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Letellier	8
DERRICK MAN Norman Peterson	8
MOTOR MAN Ronald Watts	8
HELPER Dan Collins	8
HELPER Freddie Sloan	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	600 PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	6 X [illegible]

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 45 DAY FROM SPUD DATE

WELL Home Sigma C.S.P. Pingo #2. | COMPANY Home Oil Co. | RIG No. 26 | DATE Feb 8-10

LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P.	3590.39
2	SNGLS. D.P.	
6	LNGTH. CLRS.	115.60
	KELLY IN	34.00
	OTHER	3.21
	TOTAL	3739

DRILL COLLARS

No.	DIAMETER	LGTH.
9	6"	112.39

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	H.T.C.
TYPE	OSC-1G
SER. No.	R. Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12:00	1:00			Circ Condition Hole 3582 - 3600
1:00	3:45	3582	3600	Pull out Mud (Wet Cut)
3:45	4:45			Pull out Hole to Top of Pingo 2400
4:45	6:00			Circulate
6:00	1:45			Run Tbg out of Hole Lay down No 1 DP & Mud
1:45	7:00			Rig up & Run Electric Line
7:00	8:00	D.S. Mud Wt		Circ Measurements
		Read Tank		Run Tbg Back in Hole with Mud

DEVIATION

DEPTH	DEGREES
	°
CAUSTIC	50#

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	300#
Barite	5000#
Gel	

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kappell	8
DERRICK MAN Marion Raymond	8
MOTOR MAN John Clifton	8
HELPER Bruce Warden	8
HELPER Carl Kaiser	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P.	3580.24
	SNGLS. D.P.	
4	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	3.26
	TOTAL	3734

DRILL COLLARS

No.	DIAMETER	LGTH.
6	6"	112.54

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	H.T.C.
TYPE	OSC-1G
SER. No.	R. Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
8:00				Mix Gel mud - 20 sack of Gel.
	10:15			25 of Baroid - Circ. Condition mud
10:30				Flow Check
	10:30	3734		Pump down 20 sacks of Cement
10:30				Displacement. 1/2 Bbl short
	11:00			2 Stand
1:00	4:00			W.O.C.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Baroid	2500#
Gel	2000#

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trapper	8
DERRICK MAN Ed Trapper	
MOTOR MAN Sean Parrish	8
HELPER Wayne Chaisson	8
HELPER Gerald Fabian	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P.	3580.24
2	SNGLS. D.P.	
4	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	3.26
	TOTAL	3734

DRILL COLLARS

No.	DIAMETER	LGTH.
6	6"	112.54

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	H.T.C.
TYPE	OSC-1G
SER. No.	R. Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
4:00	6:45			W.O.C.
6:45	7:45			Running 5th Reel of Drilled Pipe in.
7:45	8:30			Drlg Cement 115'
8:30	11:15			Pick up Directional tool
11:15	7:00			Horizontal to 2 to.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Baroid	700#

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	5
DERRICK MAN Marion Raymond	4
MOTOR MAN Reginald Moth	8
HELPER Ray Collins	8
HELPER Clinton Canard	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

L. Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	600 PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	6 x 12

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 44 DAY FROM SPUD DATE

WELL Home Sinclair C&P Pembina #2 | COMPANY Home Oil Co. | RIG No. 76 | DATE Feb 9 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P. 4½ FH	3580.24
2	SNGLS. D.P.	
4	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	2.26
	TOTAL	3734

DRILL COLLARS

No.	DIAMETER	LGTH.
4	8"	112.55

BIT RECORD

RUN No.	23 M
SIZE	8¾
MFG.	HTC
TYPE	OSC-1C
SER. No.	R Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12:00	1:00			L.D.T. Gel Mud
1:00	4:00	4178	4184	Unable To Break Circ.
4:00	8:00			Pulled 3½ FH Pipe Pipe & Cleaning To Bottom

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	200#

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Vassal	8
DERRICK MAN Morris Ravenna	8
MOTOR MAN Tom Martin	8
HELPER Bruce Wooten	8
HELPER Paul Kondek	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P. 4½ FH	3680.24
2	SNGLS. D.P.	
4	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	2.26
	TOTAL	3734

DRILL COLLARS

No.	DIAMETER	LGTH.
4	8"	112.54

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	HTC
TYPE	OSC-1G
SER. No.	R Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
2:00	3:00			Circ. & Clean To Bottom
3:00	4:00			Condition Mud
		4178	4184	

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	200#
Carbonox	150#

DRLG. CREW PAYROLL

	HRS.
DRILLER E.M. Trather	8
DERRICK MAN E.M. Trather	12
MOTOR MAN Sam Pawluk	8
HELPER Wm. McConachie	8
HELPER Ted Poldfreindl	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
39	STAND. D.P. 4½ FH	3680.24
2	SNGLS. D.P.	
4	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	2.26
	TOTAL	3734

DRILL COLLARS

No.	DIAMETER	LGTH.
4	8"	112.54

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	HTC
TYPE	OSC-1G
SER. No.	R Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
4:00		4178	4184	Condition Mud & Circ. Through
	11:00			Bore at 4550
11:00	12:00			Clean to 4570

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	7:30	10:00
WT.	69	90
VISC.		
W. L. CC.	6.0	2.7
FLTR. CK.	42	2-2
P. H.	10	

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	100#
Bentonite	100#
Carbonox	

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	K
DERRICK MAN Wm. McConachie	H
MOTOR MAN Ronald Mills	4
HELPER Ray Rollings	8
HELPER Ted Poldfreindl	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

K. Clifford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	1500 PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	6 x 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 43 DAY FROM SPUD DATE

WELL Home Small Dst. Structure #2 | COMPANY Home Oil Co. | RIG NO. 26 | DATE Feb 7-1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER Earl.

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
30	STAND. D.P.	2790.24
2	SNGLS. D.P.	
6	LNGTH. CLRS.	112.54
	KELLY IN	34
	OTHER	2.26
	TOTAL	2938

DRILL COLLARS

No.	DIAMETER	LGTH.
4	8"	112.54

BIT RECORD

RUN No.	2-A-H
SIZE	9 3/4
MFG.	HTC
TYPE	OSC-1G
SER. No.	R.R.N.
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
1000	2000
3:00	4:15
4:15	8:00

DRILLED

FROM	TO
-	34'

FORMATION AND EXPLANATION

N.W. Gel Drlg.
Fill Annulus w/ 47 BBLS Mud
Broke Circulation & Trip in to Bottom

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter P. Kaluza	8
DERRICK MAN Maynard Raymond	8
MOTOR MAN Thos. Marton	8
HELPER Bruce I. Warren	8
HELPER Carl Kanuch	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
30	STAND. D.P.	2790.24
2	SNGLS. D.P.	
6	LNGTH. CLRS.	112.54
	KELLY IN	34
	OTHER	2.26
	TOTAL	2938

DRILL COLLARS

No.	DIAMETER	LGTH.
4	8"	112.54

BIT RECORD

RUN No.	2-A-H
SIZE	9 3/4
MFG.	HTC
TYPE	OSC-1G
SER. No.	R. Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
8 am	9:30
9 am	10:30
11:30	
	1:45
1:45	3:45
3:45	4:00

DRILLED

FROM	TO
2'	3'

FORMATION AND EXPLANATION

Clean out to 2722
Condition Mud
Last Circulation — Hard to Start
Circ & mud over & Clean Suction
Take Fill up Record of Pipe &
Mixing Gel.
Pull 7th Stand

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Diesel	40 BBL
Gel	1500 lbs
Barite	200 lbs

DRLG. CREW PAYROLL

	HRS.
DRILLER F.O. Turner	8
DERRICK MAN F.O. Turner	12
MOTOR MAN Sam Pauluk	8
HELPER W. Mc. Cartwright	8
HELPER Reggie Saunders	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	2-A-H
SIZE	9 3/4
MFG.	HTC
TYPE	OSC-1G
SER. No.	R. Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
4:00	4:30
4:30	6:45
5:45	11:00

DRILLED

FROM	TO

FORMATION AND EXPLANATION

Mud Hydraulic Drlg. Rat Hole
Rig Inspection by Geologist & Clerk
Trip Tools

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	9
DERRICK MAN Maynard Raymond	9
MOTOR MAN Reinhold Muth	9
HELPER Paul P. Lisoc	9
HELPER Dave Bernard	12
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	6 X 10"	LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 42 DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG No. 16 DATE FEB 1 - 1960

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE N.W.T. TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	1908.24
	SNGLS. D.P.	
	LNGTH. CLRS.	112.50
	KELLY IN	39
	OTHER	2.26
	TOTAL	3224

DRILL COLLARS

No.	DIAMETER	LGTH.
	6"	112.50

BIT RECORD

RUN No.	23F
SIZE	9 3/4
MFG.	HTC
TYPE	OSC-1C
SER. No.	K-RUN
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	100	3224		ON TRIP TO TURN @ 3224. 50 JTS PIPE
100	400			MIXING MUD WEIGHT 82 POUNDS PER CUBIC
				40 BBLS MISCELLANEOUS PRODUCTS AND
				1400 BBLS WATER. CIRC
400	530	3224	3450	MUD IN SUMPS N.A.
530	800	MIXING MUD		PUMP INTO MUD TANKS
				T.C. CLEAN CIRCS

DEVIATION

DEPTH	DEGREES
3224	2°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	2 000 LBS
CAUSTIC	300 LBS
SAWDUST	200 LBS

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	3580.24
	SNGLS. D.P.	
	LNGTH. CLRS.	112.54
	KELLY IN	3.00
	OTHER	2.26
	TOTAL	3724

DRILL COLLARS

No.	DIAMETER	LGTH.
	6"	112.54

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	HTC
TYPE	HSC-1G
SER. No.	K-RUN
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	930		10	CLEAN SUCTION TANK & FILL W/
930	300		3	80 BBL DIESEL
300	345	3		MIXING GEL
345	400			QUICK DRILL 80 BBLS
				GEL PILL
				CLEAN SUCTION TANK

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
DIESEL	80 BBLS
GEL	2700 LBS

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TURNER	5
DERRICK MAN MARVIN RAYMOND	11
MOTOR MAN C. Wm PAULIUK	8
HELPER Wm. McCRACKEN	8
HELPER GERALD FORNIER	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	3580.24
	SNGLS. D.P.	
	LNGTH. CLRS.	112.54
	KELLY IN	3.00
	OTHER	2.26
	TOTAL	3724

DRILL COLLARS

No.	DIAMETER	LGTH.
	6"	112.54

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	HTC
TYPE	HSC-1G
SER. No.	K-RUN
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	1130	3724		RIG RELEASE 1-EL plug @ 3724/54
1130	500			RIG OFF MUD
500	1200			HOIST & STAND
				MIX MUD & W.O. 1-EL plug

DEVIATION

DEPTH	DEGREES
FIBERGLASS	2 DEGREES

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	2000 LBS
CAUSTIC	300 LBS
SAWDUST	300 LBS

DRLG. CREW PAYROLL

	HRS.
DRILLER LIONEL LEBLANC	6
DERRICK MAN ED TURNER	12
MOTOR MAN REGINALD WITH	8
HELPER RAY COLLINS	8
HELPER CHARLIE SAWARD	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	6" X 16"	LINER SIZE	6" X 16"	LINER SIZE	6" X 16"

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 4th DAY FROM SPUD DATE

WELL Home Canada Leo Ponoka Twp | COMPANY Home Oil Co | RIG NO. 26 | DATE Feb. 5 - 60

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta. | TOOL PUSHER S. L.

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
19	STAND. D.P.	1776.60
	SNGLS. D.P.	
4	LNGTH. CLRS.	113.54
	KELLY IN	37.00
	OTHER	24.00
	TOTAL	1951.14

DRILL COLLARS

No.	DIAMETER	LGTH.
4	6"	113.54

BIT RECORD

RUN No.	2 A
SIZE	9 3/4
MFG.	H.T.C.
TYPE	F.C.-G
SER. No.	6 Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1200	1100			Mixing Mud Rig up
1100	1115		3734	Pump trip 6 stds Diesel Gel Mud
1115	515			Displace all 2 RB's c mud
515	520			Hoist 5 stds
520	EOD			Wash & Ream
				Mixing Mud

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Bel	

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Marvin Raymond	8
MOTOR MAN Richard Nash	8
HELPER Pat Collins	8
HELPER Gerald Squared	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
29	STAND. D.P.	3580.24
2	SNGLS. D.P.	
9	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	23.36
	TOTAL	3734

DRILL COLLARS

No.	DIAMETER	LGTH.
4	6"	112.54

BIT RECORD

RUN No.	3 A
SIZE	8 3/4
MFG.	H.T.C.
TYPE	ASC-J
SER. No.	O Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
800	330	3734	3734	W.O.C. Gel Fingerfish Mud
330	400			Ball Annulus w/ 1143 Sks M.D.
				Drive Plug w/ 1600# P.S.I. @ 2200'
				Pump Pressure Reduced To 475 P.S.I.
				Water Circ. In Min.

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	9,000#
Fibrous Material	30 Sacks
Gel Flakes	20 "

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kappal	8
DERRICK MAN Mervin Raymond	8
MOTOR MAN Tom Martin	8
HELPER Raymond Hoffer	8
HELPER Carl Kaduck	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
29	STAND. D.P.	3580.24
2	SNGLS. D.P.	
4	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	23.36
	TOTAL	3734

DRILL COLLARS

No.	DIAMETER	LGTH.
4	6"	112.54

BIT RECORD

RUN No.	2 A
SIZE	8 3/4
MFG.	HTC
TYPE	ASC-J
SER. No.	K. Run
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	415			Run in 2 5 Stds
415	~~430~~ 1130	3734	3734	B.O.P.'s Pr. Test w/ 975# Pump
~~430~~				Circulating & Ream
1130				

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gypsol	450#

DRLG. CREW PAYROLL

	HRS.
DRILLER E.O. Trottier	8
DERRICK MAN E.O. Turner	12
MOTOR MAN Sam Pawlik	8
HELPER Wm. Mc Cardle	8
HELPER Gerald Freund	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE	6" X 16	LINER SIZE	6" X 16	LINER SIZE	6" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 10 DAY FROM SPUD DATE

WELL: Home Signal CSP Pembina 12-2 | COMPANY: Home Oil Co. | RIG No. 261 | DATE Feb 11/60

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: Alta. | TOOL PUSHER: [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
20	STAND. D.P. 4½ FH	2559.60
	SNGLS. D.P.	
1	LNGTH. CLRS.	110.10
	KELLY IN	34.00
	OTHER	22.6
	TOTAL	3734.00

DRILL COLLARS

No.	DIAMETER	LGTH.
4	6	114.60

BIT RECORD

RUN No.	24A
SIZE	9 7/8
MFG.	H.C.
TYPE	XSC16
SER. No.	12 Rimd
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1200	100			Mixing mud Rig up Tearing down
100	200	Rig Repairs		Rig up Drawn Off Diesel Plug
200	215			Ditching Sani Ck 2700'
215	700			Hoist 5 stds
				W.O. Cat Diesel Plug
				Mixing mud

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	4000
Flocele	33 Sacks
Mastermix	20 Bbls

DRLG. CREW PAYROLL

		HRS.
DRILLER	Lionel LeBlanc	8
DERRICK MAN	Marvin Redmond	8
MOTOR MAN	Raymond D. Moth	8
HELPER	Ray Collins	7
HELPER	Charles Seward	7
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
20	STAND. D.P. 4½ FH	3780.24
2	SNGLS. D.P.	
2	LNGTH. CLRS.	112.54
	KELLY IN	34.00
	OTHER	7.21
	TOTAL	3933

DRILL COLLARS

No.	DIAMETER	LGTH.
4	6.5	117.54

BIT RECORD

RUN No.	24A
SIZE	9 3/4
MFG.	Ltr.
TYPE	XSC16
SER. No.	PK.1
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
800	1015			W.O. Tool Pusher
1015	1130	Dir.		Work Pipe Hoist 2 Min.
1130	445			Trip Mud & Prod Circulating Tank

DEVIATION

DEPTH	DEGREES
	°
Twisted	10°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	2500#
Mastermix	15 Sack
Barite	15 Sack

DRLG. CREW PAYROLL

		HRS.
DRILLER	Tom Flaath	8
DERRICK MAN	Melvin DeVinney	4
MOTOR MAN	John Martin	8
HELPER	Brian Harden	8
HELPER	Ray Collins	4
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
20	STAND. D.P. 4½ FH	2580.24
	SNGLS. D.P.	
4	LNGTH. CLRS.	112.54
	KELLY IN	20.00
	OTHER	2.21
	TOTAL	3794.99

DRILL COLLARS

No.	DIAMETER	LGTH.
4		112.54

BIT RECORD

RUN No.	24A
SIZE	9 3/4
MFG.	H.C.
TYPE	XSC16
SER. No.	PK.1
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	600			Mix High Viscosity Drilcide
600	630		4	Rig up Dowell
630	715	4	1	Run in 5 Stand
715		21		Circ & Drum 150 Bbls of
		2		High Viscosity Drilcide
	900	Hoist 2 Stand		& Displace Same w/ 37
900				Clean Suction Tanks
	1130			Eq. 190 BHL Diesel

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Drilcide	500#
Gel	1400
Diesel	80 Bbls

DRLG. CREW PAYROLL

		HRS.
DRILLER	Ed Trottier	8
DERRICK MAN	Ed Turner	12
MOTOR MAN	Sam Jaiwuk	8
HELPER	Wm. Mc Sonachie	12
HELPER	Gerald Freundl	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

1030 12° Mixing Gel

Brakes, Buggy & All Safety equipment checked OK

[signature]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 39 DAY FROM SPUD DATE

WELL: HOME STANDARD ESP CELBETH 2 | COMPANY: HOME OIL CO. | RIG No. 21 | DATE: FEB 3 - 1960

LSD | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
22	STAND. D.P.	
	SNGLS. D.P.	
1	LNGTH. CLRS.	114.40
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.
4	6"	112.40

BIT RECORD

RUN No.	21A
SIZE	7 7/8
MFG.	HTC
TYPE	OSC1G
SER. No.	M.RUN
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1200	500			CIRC. CONDITION MUD
500	400		3734	REAMING WORK HOLE

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.	9.2	
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	

DRLG. CREW PAYROLL

	HRS.
DRILLER LIONEL LEBLANC	8
DERRICK MAN HARRY PLAMONDON	12
MOTOR MAN REINHOLD MOTZ	8
HELPER RAY COLLINS	12
HELPER CHARLES SHEARD	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	3590.34
2	SNGLS. D.P.	
4	LNGTH. CLRS.	114.60
	KELLY IN	34.00
	OTHER	2.26
	TOTAL	3740.94

DRILL COLLARS

No.	DIAMETER	LGTH.
4	7"	119.60

BIT RECORD

RUN No.	24A
SIZE	9 5/8
MFG.	HTC
TYPE	OSC1G
SER. No.	RR
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	900	2700'	3734	CIRCULATING & CONDITIONING HOLE TO BOTTOM

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Q-Broxin	150 lb
Caustic	40 lb

DRLG. CREW PAYROLL

	HRS.
DRILLER PETE KAPPAK	8
DERRICK MAN ED TURNER	4
MOTOR MAN TOM MARTIN	8
HELPER GEORGE JORDEN	8
HELPER GERALD ERDMAN	4
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
30	STAND. D.P.	2823.01
2	SNGLS. D.P.	60.40
4	LNGTH. CLRS.	114.60
	KELLY IN	34.00
	OTHER	2.26
	TOTAL	3034.27

DRILL COLLARS

No.	DIAMETER	LGTH.
4	7"	119.60

BIT RECORD

RUN No.	24A
SIZE	8 3/4
MFG.	HTC
TYPE	OSC1G
SER. No.	RR
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	515			CIRCULATING & CONDITIONING HOLE
				TO BOTTOM 3734
515	530			LOST CIRCULATION
530	745			CLEAN SUCTION TANK & FILL W/
745	1200			MIXING GEL 'DIESEL
				MUD & CHEMICALS

DEVIATION

DEPTH	DEGREES
3734 CAUCT.	50 ¾°
SURFACE	2 3/4°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR./ CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
Gels	1200
Diesel	20 BBLS
Barite	200 #

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TROTTIER	8
DERRICK MAN ED TURNER	8
MOTOR MAN Sam Dziuk	8
HELPER Wm. McConachie	8
HELPER GERALD ERDMAN	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

L. Trottier

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 2 DAY FROM SPUD DATE

WELL HOME STAKE PSP 9-26-47-2 | COMPANY HOME OIL CO | RIG NO. 26 | DATE FEB. 21 / 66

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE ALTA. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	2402.40
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.66
	KELLY IN	16.90
	OTHER	22.6
	TOTAL	2737.96

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	281.66

BIT RECORD

RUN No.	24
SIZE	7 7/8
MFG.	HTC
TYPE	[illegible]
SER. No.	09NVL
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1700	1745			Drilling Cont.
1745	2015		4704	Pump Hi Vis 96 BBL Detect Gel Plug. Drilling Plug Normal through D.P.
2015	2250			Pump Bottle Down Casing
2250	2745			W. O. Rel. Plug.
2745	400			

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	4000

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Lirette	
DERRICK MAN Gordon Plummer	
MOTOR MAN Ralph Dahl	
HELPER Paul Collins	
HELPER Charles Crozier	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	3429.50
	SNGLS. D.P.	
10	LNGTH. CLRS.	286.24
	KELLY IN	16.90
	OTHER	23.6
	TOTAL	3756

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	286.06

BIT RECORD

RUN No.	24
SIZE	7 7/8
MFG.	REED
TYPE	M-T-J
SER. No.	09HSU
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	42
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
700	1000			N.U. Gel Plug
1000	1045			Break Circulation
1045	215		4710	Circulating
215	400			Hoist B.T. #24

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Pete Kapell	8
DERRICK MAN Ken Vance	8
MOTOR MAN Tom Martin	8
HELPER Bruce Hobden	8
HELPER Len D. Lacombe	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
4	LNGTH. CLRS.	156.40
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.
4	6"	156.40

BIT RECORD

RUN No.	25
SIZE	7 7/8
MFG.	HTC
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	530			Run in w/ cut bit #7
530	545			Break Circulation
545	1600			Pump #2
1600	945			Mix Lo Wate
945	1015			Work DP Trip Caustic 100#
1015	1700			Circulate

DEVIATION

DEPTH	DEGREES
Water Kick	500 °
Bottom	30 °
Seepage	1200 °

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	40 Sacks
Barite	50 Sacks
Seepage	40 Sacks

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trattler	8
DERRICK MAN Ed Trattler	8
MOTOR MAN Sam Pawlik	8
HELPER J. M. Conachie	8
HELPER G. Franklin	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.
CALGARY EDMONTON

THIS IS THE 37 DAY FROM SPUD DATE

WELL Homestead RCP Pt Pelee No. | COMPANY Home Oil Co | RIG No. 26 | DATE FEB 11/60
LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	2282.70
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.64
	KELLY IN	16.90
	OTHER	2.26
	TOTAL	2797.50

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.64

BIT RECORD

RUN No.	24
SIZE	6
MFG.	Hughes
TYPE	HTT3
SER. No.	931066
DEPTH OUT	
HOURS RUN	23¼
FOOTAGE	415
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200				Mix 165 Bbl Inhibitive Mudsacks
				Fibertex 20 sacks Hullflake 30
	1445			Arch. Masterfloc 40#
1445			1737	Pump 100 Bbl Thread Lubricant
				2½ sacks Master Plug through
	630			Ton BOP
630	730			Mix Mud
				Masterflo 40#

DEVIATION

DEPTH	DEGREES
Use Radius	1½° @ 10°
Bit Drift	0° @ 0°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel Jobblanc	8
DERRICK MAN Harold Hammond	8
MOTOR MAN Robert McGrath	8
HELPER Paul Pellerin	8
HELPER Charles Edward	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	2707.71
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.06
	KELLY IN	16.90
	OTHER	2.26
	TOTAL	3020

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.06

BIT RECORD

RUN No.	24
SIZE	9 3/8
MFG.	Reed
TYPE	V T3
SER. No.	A81041
DEPTH OUT	
HOURS RUN	23¼
FOOTAGE	415
REAMER CUTTER No.	
TYPE	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	1115			Mix Mud to 80 sec Vis 10 lb/gal
			5734	Inhib-Aquagel 30 sacks Masterflo 20 sacks
				Caustic 450 sacks Fibertex
1115	100			Pump Down 450 bbl Fnd Mud
100	400			Mix Mud to 11,000 Gal 21 sacks Master Brace
				100# Caustic & 100 bbl Ad-Benton
				Masterflo 40#

DEVIATION

DEPTH	DEGREES
Fibertex	7 OSNK
Caustic Ad-Benton	200 lbs 200 lbs
Brace	20 sacks

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	9 580 lbs
Caustic Ad-Benton	200 lbs 200 lbs
Brace	20 sacks

DRLG. CREW PAYROLL

	HRS.
DRILLER Patrick Hoppal	8
DERRICK MAN Ray Vaile	8
MOTOR MAN Tom Hartnett	8
HELPER Bruce Worden	8
HELPER Leo Duhaime	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
38	STAND. D.P.	3548.20
	SNGLS. D.P.	
16	LNGTH. CLRS.	481.66
	KELLY IN	16.90
	OTHER	2.26
	TOTAL	4048.82

DRILL COLLARS

No.	DIAMETER	LGTH.
16	6"	481.66

BIT RECORD

RUN No.	27
SIZE	8 3/4
MFG.	Reed
TYPE	V T3
SER. No.	A81041
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	41'
REAMER CUTTER No.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400				Mix Mud to 80 sec Vis 10 lb/gal
				100 sacks Fibertex 2 sacks
	600			Hydrol Master Brace
600	650			Pump Down Drill Pipe to Bottom
650				Clean Suction Tank & Fill with Fresh
	900			Oil Diesel
900	1200			Mixing Gel

DEVIATION

DEPTH	DEGREES
5780 ft	1 1/2°
Master Drill	0°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	1 600 lbs
Fibertex	50 sacks
Caustic	50 sacks

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	8
DERRICK MAN Ed Turner	8
MOTOR MAN Scott Pawluk	8
HELPER Wm. McConachie	8
HELPER G. Freundl	7
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

K. Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

DEPARTMENT OF NORTHERN AFFAIRS & NATIONAL RESOURCES
CALGARY, ALBERTA
FEB 6 1960
Oil & Gas Conservation
Northwest Territories & Yukon Territory

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 26 DAY FROM SPUD DATE

WELL: HOME SIGNAL POOL PEIDER #2 | COMPANY: HOME OIL | RIG No. 26 | DATE JAN 21 - 1965

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: ALTA. | TOOL PUSHER

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
38	STAND. D.P.	3684.70
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.00
	KELLY IN	40.00
	OTHER	4.50
	TOTAL	4034.20

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.00

BIT RECORD

RUN No.	24
SIZE	9 3/4
MFG.	REED
TYPE	J-3
SER. No.	H61-458
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	615		3734	MUD UP MUD
615	800			RIG SERVICE 600 BBLS
				NO RETURN

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
BENTO	75 00 = 200
CAUSTIC	50 LBS = 50 LBS
WELL HAND DRILLING	8 DRUMS

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Maurice Poirier	8
MOTOR MAN Reinhold Mohr	8
HELPER Fred Phillips	8
HELPER Orville Sawyer	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
38	STAND. D.P.	3422.70
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.00
	KELLY IN	40.00
	OTHER	4.50
	TOTAL	3763.20

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.00

BIT RECORD

RUN No.	24
SIZE	9 3/4
MFG.	REED
TYPE	VT-3
SER. No.	AG104C
DEPTH OUT	
HOURS RUN	23 1/2
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	815			FINISH RUNNING MUD
815	1200			MIXING MUD & MOVING MUD
1200	145			RIG SERVICE 200 BBL CONDITIONED MUD
				TRIPPING 24 STDS
145	400			CIRC MUD
				MONITOR SOL 2 DRUMS

DEVIATION

DEPTH	DEGREES
3734 AUSTIC	2 1/2°
3763 DRAYTON	1 1/2°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	125 000#
CELHERE	2 BAGS
BARITE	4 SACKS

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kharen	8
DERRICK MAN Ray York	8
MOTOR MAN Jack Morton	8
HELPER Lionel LeBlanc	8
HELPER Leo Desrosiers	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	3428.70
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.00
	KELLY IN	40.00
	OTHER	9.30
	TOTAL	3774

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.00

BIT RECORD

RUN No.	24
SIZE	9 3/4
MFG.	REED
TYPE	VT-3
SER. No.	G910HC
DEPTH OUT	
HOURS RUN	23 1/2
FOOTAGE	36
REAMER CUTTER No.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	515			MIXING MUD - SD CAUSTIC TREATING
				40 SACKS TEL TEX - 20 SACK FRONT
515				RIG SERVICE ADDING 2
				SACKS OF MASTER MIX TREATING
	630			TOP = 3800
630	1030	(check)		MIXING MUD - 350 BBLS
1030		LOG RUN - 38 SACKS		TREATING WITH CAUSTIC
		SD - 2 DRUMS MONITOR		

DEVIATION

DEPTH	DEGREES
CAUSTIC	1 3/4°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	125 000#
CAUSTIC	40 SACKS
MASTER MIX	20 SACKS

DRLG. CREW PAYROLL

	HRS.
DRILLER FD TRATTNER	8
DERRICK MAN FD TURNER	8
MOTOR MAN SAM PAISLEY	8
HELPER Jim McCaughie	8
HELPER G. FRELLAND	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

L. Stafford

MASTER MIX 20 1/2 SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 9 DAY FROM SPUD DATE

WELL: HOME SIGNAL CSP PROV. No. | COMPANY: HOME OIL CO | RIG No. 26 | DATE: JUNE 1962

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: ALTA. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	WT. FH	FEET
37	STAND. D.P.	4½	3482.70
	SNGLS. D.P.		
10	LNGTH. CLRS.		286.06
	KELLY IN		16.90
	OTHER		2.26
	TOTAL		3787.92

DRILL COLLARS

NO.	DIAMETER	LGTH.
10	6	286.06

BIT RECORD

RUN No.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT3
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	23/4
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
1200			
			3720
	400		

FORMATION AND EXPLANATION

BLEED OFF CASING. DRESSERS
PUMP DOWN CASING
INTERVALS 15 MINUTES
45 BBLS

DEVIATION

DEPTH	DEGREES
0	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	500 LBS
CAUSTIC FLAKES	500 20 KGS
CEL FLAKE	6 50 BAGS

DRLG. CREW PAYROLL

	HRS.
DRILLER LIONEL LEBLANC	8
DERRICK MAN MARVIN PROMENT	8
MOTOR MAN REINHOLD MAIER	8
HELPER TOM COLLINS	8
HELPER DAVID SPROAT	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	WT. FH	FEET
38	STAND. D.P.	4½	3729.72
	SNGLS. D.P.		
10	LNGTH. CLRS.		286.06
	KELLY IN		16.90
	OTHER		2.26
	TOTAL		4034.94

DRILL COLLARS

NO.	DIAMETER	LGTH.
10	6"	286.06

BIT RECORD

RUN No.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT3
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	3 3/4
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
500			
			2
	945	2	
945	200		

FORMATION AND EXPLANATION

BLEED OFF PRESSURE IN CASING
D... DOWN DRILL STEM IN 4½" INTERVALS
MIX MUD
RIG UP & RUN 286.06' OF 6" D.C.'S
MUD UP WITH WESTER BRIDGE
TREATED ANNULUS

DEVIATION

DEPTH	DEGREES
9[illegible]	½°
Master [illegible]	20 ½°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	4000
MEDIUM	44 BAGS
CEL	100 100

DRLG. CREW PAYROLL

	HRS.
DRILLER PETER TARREL	9
DERRICK MAN LEW YORK	9
MOTOR MAN TONY HOPKIN	9
HELPER BRUCE WORDEN	9
HELPER LEA DUCHESNAYE	9
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	WT. FH	FEET
38	STAND. D.P.	4½	3729.72
	SNGLS. D.P.		
10	LNGTH. CLRS.		286.06
	KELLY IN		16.90
	OTHER		2.26
	TOTAL		4034.94

DRILL COLLARS

NO.	DIAMETER	LGTH.
10	6"	286.06

BIT RECORD

RUN No.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT3
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	25
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
400	915		
915	1115		
			24
1115	1200	3	

FORMATION AND EXPLANATION

MIXING MUD WITH
DRILLING MUD ACROSS BRIDGE
THROUGH ANNULUS
MIXING MUD

DEVIATION

DEPTH	DEGREES
CAUSTIC 300	°
CEL FLAKE 30 BAGS	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	2000
MEDIUM	20 BAGS
FRACTION	80 BAGS

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TROTTER	4
DERRICK MAN ED TURNER	9
MOTOR MAN SAM CAULUK	9
HELPER WM MACKENZIE	9
HELPER G. FRENNETTE	4
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 2nd DAY FROM SPUD DATE

WELL Fane Creek C.P. Gilwell #2 | COMPANY Home Oil Co | RIG No. 26 | DATE Jan 29 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE B.C. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.05
	KELLY IN	
	OTHER	226
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.05

BIT RECORD

RUN No.	24
SIZE	7 7/8
MFG.	Reed
TYPE	YT3
SER. No.	69446
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	200			W.O.C.
200	300			Rig up Howco 500 BBL mud pump hook up
300	345		3734	Run in to T.D. no plug
345	400			Hoist 13 stds
400	900			Blow out well & circ.
				Mixing mud

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	15 00#

DEVIATION

DEPTH	DEGREES
	°
	°

DRLG. CREW PAYROLL

	HRS.
DRILLER Louis Leblanc	8
DERRICK MAN Marvin Raymond	8
MOTOR MAN Pinkie Mah	8
HELPER Ron Collins	8
HELPER Charles Sroard	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	2429.20
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.05
	KELLY IN	16.00
	OTHER	226
	TOTAL	3736

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.05

BIT RECORD

RUN No.	24
SIZE	R30
MFG.	Reed
TYPE	YT3
SER. No.	69446
DEPTH OUT	
HOURS RUN	23/4
FOOTAGE	91
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
500	1700			Mix Mud and Rig Service
1220	200			Release Pressure Mu Drill Pipe
				and Pump Down 500 BBL
				Mud

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DEVIATION

DEPTH	DEGREES
	°
	°

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kaprak	8
DERRICK MAN Bob York	8
MOTOR MAN John Martin	8
HELPER Bruce Hansen	8
HELPER Leo Dupasquier	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	2429.20
	SNGLS. D.P.	
10	LNGTH. CLRS.	296.05
	KELLY IN	16.00
	OTHER	226
	TOTAL	3736

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	296.05

BIT RECORD

RUN No.	24
SIZE	7 7/8
MFG.	Reed
TYPE	YT-3
SER. No.	69041
DEPTH OUT	
HOURS RUN	23/4
FOOTAGE	91
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1100	530			Mixing mud
530	1700			Bled off pressure in casing
				Pump down 200 BBL of mud
			3734	

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	5300 #
Barium	200 #
Defoam	400 #

DEVIATION

DEPTH	DEGREES
	°
	°

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	9
DERRICK MAN Ed Trottier	9
MOTOR MAN Sam Pawluk	9
HELPER Wm. McDonaghie	9
HELPER G. Erenuik	9
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 13 DAY FROM SPUD DATE

WELL Home Creek Prospect | COMPANY Pan Am Oil Co | RIG NO. 24 | DATE June 28/1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
38	STAND. D.P.	3178.76
	SNGLS. D.P.	
10	LNGTH. CLRS.	84.64
	KELLY IN	16.98
	OTHER	3.26
	TOTAL	3273.48

DRILL COLLARS

NO.	DIAMETER	LGTH.
10	6	901.00

BIT RECORD

RUN NO.	23
SIZE	8 3/4
MFG.	[illegible]
TYPE	YT3
SER. NO.	A2104
DEPTH OUT	
HOURS RUN	23½
FOOTAGE	415
REAMER CUTTER NO.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1900	400			Mixing mud Lost circ. material
1100	1200		2734	Ream Hole and circ. Mud system
500				Rig Repair mud

DEVIATION

DEPTH	DEGREES
20 Bags Fibertex	°
400 # Gypsum	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Mud	100 sx
Gel	40 Bags
Pacific	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	4
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
38	STAND. D.P.	3209.76
	SNGLS. D.P.	
10	LNGTH. CLRS.	90.64
	KELLY IN	16.98
	OTHER	3.26
	TOTAL	3320.64

DRILL COLLARS

NO.	DIAMETER	LGTH.
10	6	901.00

BIT RECORD

RUN NO.	24
SIZE	8 3/4
MFG.	Reed
TYPE	YT3
SER. NO.	A2104
DEPTH OUT	
HOURS RUN	9½
FOOTAGE	47
REAMER CUTTER NO.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
700	715			Rig Service
715	100			Mixing Mud
100	215			Trip in std.
215	230			Break Pipe
230	300			Cut Cement
300	330	Mixed 2 Bags		Smear & Hump Fluid
330	400			Hard Stds
				Displace Mud

DEVIATION

DEPTH	DEGREES
2 Degrees	4 Degrees
Drilling	3000'
Circulate	Mud

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	7 Tons
Fibertex	19 Bags
Caustic	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kaprral	8
DERRICK MAN Ray Yeck	8
MOTOR MAN Tom Martin	8
HELPER Bruce Wrenn	8
HELPER Leo Thorshire	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
38	STAND. D.P.	3209.76
	SNGLS. D.P.	
10	LNGTH. CLRS.	90.64
	KELLY IN	16.98
	OTHER	3.26
	TOTAL	3320.64

DRILL COLLARS

NO.	DIAMETER	LGTH.
10	6	901.00

BIT RECORD

RUN NO.	24
SIZE	8 3/4
MFG.	Reed
TYPE	YT-3
SER. NO.	A2104
DEPTH OUT	
HOURS RUN	23½
FOOTAGE	47
REAMER CUTTER NO.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
400	1200	3734		W.O. Cement

DEVIATION

DEPTH	DEGREES
Belfast	900 Rock
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	3500
Caustic	900
Fibertex	10 Bags

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TROTTIER	8
DERRICK MAN ED TURNER	8
MOTOR MAN Sam Pawluk	8
HELPER Wm McConachie	8
HELPER G. Freundl	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

Lost Circ. Material while Drilling @ 400'

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 32 DAY FROM SPUD DATE

WELL: Rigel Standard Rigel No. 2 | COMPANY: Rigel Oil Co | RIG No.: 2 | DATE: Dec 9-1962

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: Alta | TOOL PUSHER: [illegible]

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	2424.71
	SNGLS. D.P.	
10	LNGTH. CLRS.	781.04
	KELLY IN	40.00
	OTHER	226
	TOTAL	3371.75

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/4	246.06

BIT RECORD

RUN NO.	#7
SIZE	8 3/4
MFG.	REED
TYPE	V-3
SER. NO.	691046
DEPTH OUT	
HOURS RUN	23 1/4
FOOTAGE	115
REAMER CUTTER NO.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
1200	300	2724	
300	345		
345	800		

FORMATION AND EXPLANATION: Mix mud and fill pits. Run 2 drill collars and BHA and test. Mix mud. 6

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
KCL	100 LBS
Flopaks	20 BAGS

DRLG. CREW PAYROLL

	HRS.
DRILLER Lorne LeBlanc	8
DERRICK MAN Marvin Saunders	8
MOTOR MAN Ronald Smith	8
HELPER T. Fellows	8
HELPER Walter Sinard	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
28	STAND. D.P.	3497.24
	SNGLS. D.P.	
10	LNGTH. CLRS.	781.04
	KELLY IN	40.00
	OTHER	226
	TOTAL	4544.28

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/4	246.06

BIT RECORD

RUN NO.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT3
SER. NO.	691046
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
300	345		
995	030		
030	145	3	3
145	200	5	
200	[illegible]		

FORMATION AND EXPLANATION: Mix Mud. Fill pits. Run Rigel Standard Mud. N. Reeves. Mix Mud. Rig Rigel Standard Mud. Mix Mud. Drill cement. Drill 5' new hole. Test BOP to 1500#.

DEVIATION

DEPTH	DEGREES
2	1/2°
3	1°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	4 CWT
Flopaks	15 BAGS
Soltex	2 BAGS

DRLG. CREW PAYROLL

	HRS.
DRILLER Ernie Lapointe	8
DERRICK MAN Art Hart	8
MOTOR MAN Frank Martin	8
HELPER Bruce Thornton	8
HELPER Ed Pedersen	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	3497.24
	SNGLS. D.P.	
10	LNGTH. CLRS.	781.04
	KELLY IN	40.00
	OTHER	226
	TOTAL	4544.28

DRILL COLLARS

No.	DIAMETER	LGTH.
10		246.06

BIT RECORD

RUN NO.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT3
SER. NO.	691046
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	45
REAMER CUTTER NO.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
400	830		
830	915		
915	1115		
1115	1200	3734	

FORMATION AND EXPLANATION: Mix Mud. Dump 500 bbl. N.A.F.L. Mix Mud. Circ. 200. Test

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	1250
Jel Flake	20 Sks
Soltex	1 Bag

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	8
DERRICK MAN E. Tilsner	16
MOTOR MAN Sam Pawluk	8
HELPER Wm McCrimmon	8
HELPER G. Fafard	8
HELPER	
HELPER	

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 31 DAY FROM SPUD DATE

WELL: Home Signal FCD Cal Beta #2 | COMPANY: Home Oil Co. | RIG NO. 720 | DATE Jan 26 - 1960

LSD. 0 SEC. TWP. RNGE. W/ MER. | PROVINCE N.W.T. | TOOL PUSHER Ross C

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
38	STAND. D.P. 4½ FH	2424.76
	SNGLS. D.P.	
12	LNGTH. CLRS.	246.06
	KELLY IN	16.90
	OTHER	2.26
	TOTAL	2734.00

DRILL COLLARS

No.	DIAMETER	LGTH.
10	8"	246.06

BIT RECORD

RUN No.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT3
SER. No.	K91096
DEPTH OUT	
HOURS RUN	22½
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	1215			Rig Service
1215	345	3629		Drlg.
345	445			Pipe Plate Sample
445	500		3732	Drlg.
500	600			Instal rotation rubber, test BOP & stack
600	645			Pump down mud, Mix Dextrid, Mix mud
645				Mixing mud

MUD RECORD

TIME	700
WT.	9.9
VISC.	42
W.L. CC.	7.6
FLTR. CK.	1/32
P.H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel, Lignite	20 bags
Dextrid	100 lbs
Lime	1500 lbs

DEVIATION

DEPTH	DEGREES
	°
	°

DRLG. CREW PAYROLL

	HRS.
DRILLER Lionel LeBlanc	8
DERRICK MAN Wilson Flamming	8
MOTOR MAN Orville Muth	8
HELPER Paul Phillips	8
HELPER Phillip Sonard	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
38	STAND. D.P. 4½ FH	3428.76
	SNGLS. D.P.	
10	LNGTH. CLRS.	291.61
	KELLY IN	16.90
	OTHER	2.26
	TOTAL	3739.3

DRILL COLLARS

No.	DIAMETER	LGTH.
10	8"	286.06

BIT RECORD

RUN No.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT3
SER. No.	K91096
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	400	3734		Mixing Mud For Last Circ.
				Rig Down No Returns
				Caustic 300#
				Dil-Brain 600#

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	6800 #
Barite	50 Bags
Caustic	10 Bags

DEVIATION

DEPTH	DEGREES
Discount	2¾°

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kadrial	8
DERRICK MAN Earl Ware	8
MOTOR MAN Tom Martin	8
HELPER Bruce Warren	8
HELPER Fred Measures	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
38	STAND. D.P.	3478.76
	SNGLS. D.P.	
10	LNGTH. CLRS.	286.06
	KELLY IN	16.90
	OTHER	2.26
	TOTAL	3784

DRILL COLLARS

No.	DIAMETER	LGTH.
10	8"	286.06

BIT RECORD

RUN No.	24
SIZE	8 3/4
MFG.	REED
TYPE	YT-3
SER. No.	091094
DEPTH OUT	
HOURS RUN	2 3/4
FOOTAGE	45
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	1200	3734		Mixing Mud For Last Circ.
				Rig Down No Returns
				Caustic 300#
				Dil-Brain 600#

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	30 Bags
Barite	200#
Gel	950#

DEVIATION

DEPTH	DEGREES
Flank Tube Bags	°
Drill Pipe	2¾°

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trottier	8
DERRICK MAN Ed Tremblett	8
MOTOR MAN Sam Pawluk	8
HELPER Wm McConaghie	8
HELPER G. Fontana	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

Changed Automatic Driller Unit

Tool Pusher Pumped Mud Blind Ram - No Returns

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

CALGARY **BRINKERHOFF DRILLING COMPANY LTD.** EDMONTON

THIS IS THE 20 DAY FROM SPUD DATE

WELL HOME DIONEL GAS PROPER #2 | COMPANY HOME OIL | RIG NO. 11 | DATE JAN 25-1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
36	STAND. D.P.	3241.74
	SNGLS. D.P.	20.22
1	LNGTH. CLRS.	286.06
	KELLY IN	32.64
	OTHER	22.6
	TOTAL	2900.00

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6	286.06

BIT RECORD

RUN No.	23	
SIZE	9 3/4	
MFG.	HTC	
TYPE	OSC-3	
SER. No.	24904	
DEPTH OUT		
HOURS RUN	14 1/4	
FOOTAGE	113	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1200	1215			Pre Cambrian
1215	1615	3294		IDLE
1615	1645			Survey
1645	500		3637	Drlg

DEVIATION

DEPTH	DEGREES
3570	1 3/4°

MUD RECORD

TIME	3PM	6PM
WT.	9.9	9.9
VISC.	74	79
W. L. CC.	4.2	3.8
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	400 #
BAROTAN	100 #

DRLG. CREW PAYROLL

	HRS.
DRILLER LIONEL LEBLANC	8
DERRICK MAN MORRIS PAUMENT	8
MOTOR MAN DONALD MACKAY	8
HELPER PAUL COLLINS	8
HELPER CHARLES SHEARD	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE 4 1/2 FH	FEET
27	STAND. D.P.	3338.22
	SNGLS. D.P.	
10	LNGTH. CLRS.	286.06
	KELLY IN	25.50
	OTHER	2.26
	TOTAL	3662

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	286.06

BIT RECORD

RUN No.	23	
SIZE	9 3/4	
MFG.	HTC.	
TYPE	OSC-3	
SER. No.	24904	
DEPTH OUT		
HOURS RUN	21 1/2	
FOOTAGE	177	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
800	815			Rig Service Check B.O.P.
815	1230	3598	3637	Drlg 9 3/4" Hole
1230	100			Survey
100	400	3637	3662	Drlg 9 3/4" Hole

DEVIATION

DEPTH	DEGREES
3637	1 1/2°

MUD RECORD

TIME	1800	
WT.	9.9	
VISC.	75	
W. L. CC.	2.6	
FLTR. CK.	1/32	
P. H.	10.5	

MUD & CHEM. ADDED

TYPE	AMOUNT
D-Rock	1 sack
Caustic	1 bot

DRLG. CREW PAYROLL

	HRS.
DRILLER PETER RADDATZ	8
DERRICK MAN DAVE YORK	8
MOTOR MAN TOM MARTIN	8
HELPER BRIAN WARDEN	8
HELPER IAN DONACHUE	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
TD	LNGTH. CLRS.	286.06
	KELLY IN	
	OTHER	3.50
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	286.06

BIT RECORD

RUN No.	23	RT
SIZE	9 3/4	9 3/4
MFG.	HTC.	REED
TYPE	OSC-3	V T 3
SER. No.	24904	
DEPTH OUT	3689	
HOURS RUN	24 1/2	
FOOTAGE	204	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
1400	1415	3662	3668	Drlg
1415	500			Rig Serv. check B.O.P. Survey
500	730	3668	3689	Drlg
730	900			Survey
900	1200			Trip for Bit Ream Reduce Hole & Ream Last Chance

DEVIATION

DEPTH	DEGREES
3668	1 5/8°

MUD RECORD

TIME	6PM	
WT.	9.9	
VISC.	78	
W. L. CC.	4.0	
FLTR. CK.	2/32	
P. H.	10.5	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER ED TRATTER	8
DERRICK MAN ED TURNER	8
MOTOR MAN SAM PAWLUK	8
HELPER WM McDONACHIE	8
HELPER G. FRENUDL	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

C. Automatic Driller in Use

2 - 6" Collars on Instrument & Survey Motors

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	140 PSI	PUMP PRES.	1400 PSI	PUMP PRES.	PSI
ROT. R.P.M.	150	ROT. R.P.M.	160	ROT. R.P.M.	160
POINTS WT.	45	POINTS WT.	5	POINTS WT.	
LINER SIZE	6 1/4	LINER SIZE	6 1/4	LINER SIZE	6 1/4

CALGARY **BRINKERHOFF DRILLING COMPANY LTD.** EDMONTON

THIS IS THE 29 DAY FROM SPUD DATE

WELL Homeoil et al Cal Rite | COMPANY Homeoil Co | RIG NO. 26 | DATE Jan 24-1960

LSD. | SEC. 1 | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
42	STAND. D.P.	3970.72
	SNGLS. D.P.	
11	LNGTH. CLRS.	410.10
	KELLY IN	20.54
	OTHER	41.14
	TOTAL	4342.50

DRILL COLLARS

No.	Diameter	Lgth.
11	6	341.10

BIT RECORD

RUN NO.	22
SIZE	6 7/8
MFG.	Sec
TYPE	S-3
SER. NO.	94240
DEPTH OUT	
HOURS RUN	14
FOOTAGE	104
REAMER CUTTER NO.	
TYPE	

Time From	Time To	Drilled From	Drilled To	Formation and Explanation
1700	1215	1		Rig Service
1215	1400	3242		Drlg
1400	1730			Change Swabs Test & Pull Dump
1730	1745			Drlg
1745	1830			Work on Pump
1830	900		3979	Drlg
				Survey

DEVIATION

Depth	Degrees

MUD RECORD

TIME	1400
WT.	9.9
VISC.	62
W. L. CC.	11.0
FLTR. CK.	1/32
P. H.	10.4

MUD & CHEM. ADDED

Type	Amount
Gel	600

DRLG. CREW PAYROLL

	Hrs.
DRILLER Lionel LeBlanc	8
DERRICK MAN Marvin Richardson	8
MOTOR MAN Reginald Smith	8
HELPER Ron Collins	8
HELPER Charles Sinard	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
25	STAND. D.P.	2155.50
1	SNGLS. D.P.	30.63
10	LNGTH. CLRS.	282.06
	KELLY IN	39.50
	OTHER	3.26
	TOTAL	3460

DRILL COLLARS

No.	Diameter	Lgth.
10	6	282.06

BIT RECORD

RUN NO.	22	23
SIZE	6 7/8	6 3/4
MFG.	Sec	HTC
TYPE	S-3	DSC-3
SER. NO.	94240	240179
DEPTH OUT		
HOURS RUN	10 1/2	2
FOOTAGE	110	16
REAMER CUTTER NO.		
TYPE		

Time From	Time To	Drilled From	Drilled To	Formation and Explanation
900	915	3979	3985	Drlg 6 3/4 Hole
915	945			Rig Service Survey Check BOP
945	1130			Lost Pump Pressure Mud
1130	1230			Change Swivel Unit
1230	130			Run in Hole
130	200			Clean 30' To Bot
200	400	3985	3503	Drlg

DEVIATION

Depth	Degrees
3985	1 1/2°

MUD RECORD

TIME	900	500
WT.	9.4	10.0
VISC.	40	39
W. L. CC.	4.0	3.9
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

Type	Amount
Gel	1800#
Barrace	50#
Caustic	100#

DRLG. CREW PAYROLL

	Hrs.
DRILLER Peter Kaprall	7
DERRICK MAN Ray Kapral	8
MOTOR MAN Tom Marshall	8
HELPER Ronnie Jones	8
HELPER Les Tomashure	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
36	STAND. D.P.	3246.72
	SNGLS. D.P.	
1	LNGTH. CLRS.	30.42
	KELLY IN	39.50
	OTHER	3.26
	TOTAL	3519.90

DRILL COLLARS

No.	Diameter	Lgth.
1	6	30.42

BIT RECORD

RUN NO.	23
SIZE	6 3/4
MFG.	HTC
TYPE	DSC-3
SER. NO.	240179
DEPTH OUT	
HOURS RUN	7
FOOTAGE	62
REAMER CUTTER NO.	
TYPE	

Time From	Time To	Drilled From	Drilled To	Formation and Explanation
400	415			Rig Service
415	430	3502	3508	Drlg
430	545			Repair Burner Chain
545	1,30	3508	3515	Drlg
630	700			Survey
700	1030	3515	3546	Drlg
1030	1130			Survey Mission
1130	1200	3546	3548	Trip

DEVIATION

Depth	Degrees
3515	1 1/2°
3546	1 1/2°

MUD RECORD

TIME	1400	1800
WT.	9.9	9.9
VISC.	46	44
W. L. CC.	4.4	4.2
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

Type	Amount
Barrace	100#

DRLG. CREW PAYROLL

	Hrs.
DRILLER Ed Trottier	8
DERRICK MAN Ed Turner	8
MOTOR MAN Sam Dadwick	8
HELPER Wm. McConaghie	8
HELPER R. Fournier	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

Morning Tour		Day Tour		Evening Tour	
PUMP PRES.	720 PSI	PUMP PRES.	550 PSI	PUMP PRES.	575 PSI
ROT. R.P.M.	140	ROT. R.P.M.	140	ROT. R.P.M.	140
POINTS WT.	5	POINTS WT.	5	POINTS WT.	4-5
LINER SIZE	6 X 16	LINER SIZE	6 X 16	LINER SIZE	6" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 27 DAY FROM SPUD DATE

WELL: Home Ainsle CPS Petrel 3 | COMPANY: Home Oil Co. | RIG NO. 126 | DATE JAN 23 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
29	STAND. D.P.	1911.00
	SNGLS. D.P.	
2	LNGTH. CLRS.	129.60
	KELLY IN	16.84
	OTHER	4.14
	TOTAL	9275 M

DRILL COLLARS

NO.	DIAMETER	LGTH.
12	6 1/4	362.00

BIT RECORD

RUN No.	21
SIZE	8 3/4
MFG.	NTC
TYPE	FDC-3
SER. No.	74096
DEPTH OUT	3373
HOURS RUN	22 1/2
FOOTAGE	317
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO
1200	1215		
1215	130	3216	3339
130	215		
215	515	3339	3369
515	600		
600	630	3369	3375
630	800		

FORMATION AND EXPLANATION

RIG SERVICE CHECK BOP
TRIP
SURVEY
TRIP
SURVEY
TRIP
TRIP FOR B.T.

DEVIATION

DEPTH	DEGREES
3339	2 3/4°
3369	2 1/4°

MUD RECORD

TIME	200	
WT.	9.8	
VISC.	78	
W. L. CC.	4.0	
FLTR. CK.	2/32	
P. H.	10.5	

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	8 100#
Drispac	50#

DRLG. CREW PAYROLL

		HRS.
DRILLER	ED TROTTIER	8
DERRICK MAN	ED TURNER	8
MOTOR MAN	SAM PAULUK	8
HELPER	WM. MCDONAGHIE	8
HELPER	L. FREUNDL	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
22	STAND. D.P.	2441.75
1	SNGLS. D.P.	20.50
16	LNGTH. CLRS.	469.60
	KELLY IN	16.26
	OTHER	4.14
	TOTAL	2951.00

DRILL COLLARS

NO.	DIAMETER	LGTH.
16	6	462.60

BIT RECORD

RUN No.	22
SIZE	8 3/4
MFG.	SEC
TYPE	S-3
SER. No.	388070
DEPTH OUT	
HOURS RUN	6
FOOTAGE	27
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO
400	815		
815	1000		
1000	1100	3375	3402

FORMATION AND EXPLANATION

RIG SERVICE CHECK BOP
FINISH TRIP
DRLG Ø 8 3/4" HOLE
SURVEY
DRLG Ø 8 3/4" HOLE

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	1130	1700
WT.	9.8	9.8
VISC.	76	75
W. L. CC.	3.5	3.5
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	50#
CFL	4 gal
Drispac	100#

DRLG. CREW PAYROLL

		HRS.
DRILLER	RIDGE LEBLANC	8
DERRICK MAN	MARVIN RICHMOND	8
MOTOR MAN	REINHOLD MOTH	8
HELPER	PAT POLLING	8
HELPER	CHARLES SAVARD	8
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE 4 1/2 FH	FEET
32	STAND. D.P.	2881.70
2	SNGLS. D.P.	60.52
16	LNGTH. CLRS.	469.60
	KELLY IN	27.30
	OTHER	4.14
	TOTAL	

DRILL COLLARS

NO.	DIAMETER	LGTH.
16	6"	469.60

BIT RECORD

RUN No.	22
SIZE	8 3/4
MFG.	SEC.
TYPE	S-3
SER. No.	388070
DEPTH OUT	
HOURS RUN	13 1/2
FOOTAGE	69
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO
400	930	3402	3427
930	1000		
1000	1200	3427	3443

FORMATION AND EXPLANATION

DRLG Ø 8 3/4" HOLE
SURVEY
DRLG Ø 8 3/4" HOLE

DEVIATION

DEPTH	DEGREES
3427	2 °
	°

MUD RECORD

TIME	800	
WT.	9.8	
VISC.	65	
W. L. CC.	4.0	
FLTR. CK.	1/32	
P. H.	10.5	

MUD & CHEM. ADDED

TYPE	AMOUNT
CFL	1200#
Caustic	50#
Drispac	100#

DRLG. CREW PAYROLL

		HRS.
DRILLER	PETER FLORAK	8
DERRICK MAN	KEN YORK	8
MOTOR MAN	TOM MARTIN	8
HELPER	GEORGE WARDEN	8
HELPER	LEN THORSHAUG	8
HELPER		
HELPER		

REMARKS (REPAIRS, ACCIDENTS AND ETC.)

(AUTOMATIC DRILLER IN USE)

CLEANED #1 SETTLING TANK

URSEPEE 50# SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	775 PSI	PUMP PRES.	PSI	PUMP PRES.	725 PSI
ROT. R.P.M.	160	ROT. R.P.M.		ROT. R.P.M.	160
POINTS WT.	3-5	POINTS WT.		POINTS WT.	4-5
LINER SIZE	6" X 16	LINER SIZE		LINER SIZE	6" X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 37 DAY FROM SPUD DATE

WELL Home Signal 6-05 Crossfield | COMPANY Home Oil Co. | RIG No. 1 | DATE Jan 22 1960

LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE Alta | TOOL PUSHER

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
98	STAND. D.P.	2863.03
1	SNGLS. D.P.	30.26
22	LNGTH. CLRS.	652.00
	KELLY IN	21.00
	OTHER	4.14
	TOTAL	3570.43

DRILL COLLARS

No.	DIAMETER	LGTH.
22	6"	652.00

BIT RECORD

RUN No.	31
SIZE	7 7/8
MFG.	HTC
TYPE	OSC-3
SER. No.	29426
DEPTH OUT	
HOURS RUN	64 1/2
FOOTAGE	77
REAMER CUTTER No.	
TYPE	

MORNING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1200	1245			Rig out of Hole
1245	1330			Rig service check B.O.P
1330	1400			Run collars #4
1400	1430			Slip 30' of Drlg line
1430	1700			Run in & Tag Fill
1745	1800	3035	3099	Drlg
1800	1830			Survey
1830	2400	3099	3220	Drlg

DEVIATION

DEPTH	DEGREES
3099	1°
	°

MUD RECORD

TIME		
WT.	9.2	
VISC.	42	
W. L. CC.	4.0	
FLTR. CK.	2/32	
P. H.	10.5	

MUD & CHEM. ADDED

TYPE	AMOUNT
Driscose	50#
Gel	200#
Caustic	200#

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	12
DERRICK MAN Ed Tuener	12
MOTOR MAN Sam Pawluk	12
HELPER Wm McDonald	12
HELPER G. Fenwick	8
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
79	STAND. D.P.	2520.73
1	SNGLS. D.P.	29.78
22	LNGTH. CLRS.	652.00
	KELLY IN	19.00
	OTHER	4.14
	TOTAL	3224.65

DRILL COLLARS

No.	DIAMETER	LGTH.
22	6"	652.00

BIT RECORD

RUN No.	2A
SIZE	5 3/4
MFG.	HTC
TYPE	OSC-3
SER. No.	21936
DEPTH OUT	
HOURS RUN	10 1/2
FOOTAGE	169
REAMER CUTTER No.	
TYPE	

DAY TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
800	815			Rig Service check B.O.P
815	845	3150		Drlg.
845	905			Survey "Two Runs"
905	930			Drlg.
930	600		3227	Survey
600	1100			Drlg

DEVIATION

DEPTH	DEGREES
3160	1 1/2°
3218	1 1/2°

MUD RECORD

TIME	10 AM	7 PM
WT.	9.6	9.8
VISC.	44	46
W. L. CC.	4.0	4.0
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
CAUSTIC	50#
GEL	500#
Q-BROXIN	100#

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
78	STAND. D.P.	2612.11
1	SNGLS. D.P.	29.63
22	LNGTH. CLRS.	652.00
	KELLY IN	16.50
	OTHER	4.14
	TOTAL	3314.38

DRILL COLLARS

No.	DIAMETER	LGTH.
22	6"	652.00

BIT RECORD

RUN No.	2A
SIZE	8 3/4
MFG.	HTC
TYPE	OSC-3
SER. No.	24926
DEPTH OUT	
HOURS RUN	17 3/4
FOOTAGE	256
REAMER CUTTER No.	
TYPE	

EVENING TOUR

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
400	545	3227	3299	Drlg 8 3/4" Hole
545	600			R.C. Service Check B.O.P.
600	930	3299	3279	Drlg
930	900			Circulate
900	1200	3279	3314	Drlg

DEVIATION

DEPTH	DEGREES
3279	1 1/2°
	°

MUD RECORD

TIME	10 PM
WT.	9.8
VISC.	72
W. L. CC.	4.0
FLTR. CK.	1/32
P. H.	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
GEL	200#
Q-BROXIN	50#

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kappel	8
DERRICK MAN P.V. York	8
MOTOR MAN Tom Martin	8
HELPER Bruce Darden	8
HELPER Leo Dubreuil	8
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

(Electric Logs in use)

T. Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	900 PSI	PUMP PRES.	750 PSI
ROT. R.P.M.	110	ROT. R.P.M.	100	ROT. R.P.M.	120
POINTS WT.		POINTS WT.	5	POINTS WT.	5
LINER SIZE	6 1/2	LINER SIZE	6 X 16	LINER SIZE	6 X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 26 DAY FROM SPUD DATE

WELL Home Sinclair 2 Dr Cecil Lake | COMPANY Home Oil Co | RIG NO. 26 | DATE Jan 21 1960

LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE N.W.T. | TOOLPUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
25	STAND. D.P.	2436.06
1	SNGLS. D.P.	37.30
22	LNGTH. CLRS.	652.00
	KELLY IN	17.70
	OTHER	4.14
	TOTAL	2946.50

DRILL COLLARS

No.	DIAMETER	LGTH.
22	6"	652.00

BIT RECORD

RUN No.	20
SIZE	8 3/4
MFG.	Reed
TYPE	YT3
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	74
FOOTAGE	98
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12[illegible]	12[illegible]5			R.S. Service + Check BOP
12[illegible]5	1[illegible]	2740	2798	Drlg
1[illegible]	2[illegible]			Circ
2[illegible]	5[illegible]30	2798	2852	Trip
5[illegible]30	6[illegible]30			Repair pump door + gaskets
6[illegible]30	7[illegible]00	2852	2859	Drlg
7[illegible]00	7[illegible]30			Circ
7[illegible]30	8[illegible]00	2859	2865	Trip

DEVIATION

DEPTH	DEGREES
[illegible]725	1 °
2859	1¾ °

MUD RECORD

TIME		
WT.	[illegible]	
VISC.	[illegible]	
W. L. CC.	[illegible]	
FLTR. CK.	[illegible]	
P. H.	[illegible]	

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Trotter	8
DERRICK MAN Ed Trotter	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
25	STAND. D.P.	2436.06
1	SNGLS. D.P.	37.30
22	LNGTH. CLRS.	652.00
	KELLY IN	17.70
	OTHER	4.14
	TOTAL	2946.50

DRILL COLLARS

No.	DIAMETER	LGTH.
22	6"	652.00

BIT RECORD

RUN No.	20
SIZE	8 3/4
MFG.	Reed
TYPE	YT3
SER. No.	[illegible]
DEPTH OUT.	
HOURS RUN	11 3/4
FOOTAGE	208
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
5[illegible]30	6[illegible]15			R.S. Service + Check BOP
6[illegible]15	11[illegible]45	2865		Trip
11[illegible]45	12[illegible]45			Circ
12[illegible]45	1[illegible]30		2975	Drlg

DEVIATION

DEPTH	DEGREES
[illegible]417	1¼ °
	°

MUD RECORD

TIME	[illegible]	[illegible]
WT.	[illegible]	[illegible]
VISC.	[illegible]	[illegible]
W. L. CC.	[illegible]	[illegible]
FLTR. CK.	[illegible]	[illegible]
P. H.	[illegible]	[illegible]

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
23	STAND. D.P.	2536.14
1	SNGLS. D.P.	39.44
22	LNGTH. CLRS.	652.00
	KELLY IN	39.30
	OTHER	9.14
	TOTAL	3265

DRILL COLLARS

No.	DIAMETER	LGTH.
22	6"	652.00

BIT RECORD

RUN No.	20
SIZE	8 3/4"
MFG.	Reed
TYPE	YT3
SER. No.	[illegible]
DEPTH OUT	3045
HOURS RUN	25 3/4
FOOTAGE	321
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
9[illegible]	9[illegible]30			R.S. Service Survey Check BOP
9[illegible]30	1[illegible]	2975	3049	Drlg 8 3/4" Hole
1[illegible]	[illegible]			Survey
[illegible]30	[illegible]45	3049	3050	Drilling 8 3/4 Hole
[illegible]45	3[illegible]			Trip for Bit

DEVIATION

DEPTH	DEGREES
2979	1¼ °
3049	1½ °

MUD RECORD

TIME	[illegible]	[illegible]
WT.	[illegible]	[illegible]
VISC.	[illegible]	[illegible]
W. L. CC.	[illegible]	[illegible]
FLTR. CK.	[illegible]	[illegible]
P. H	[illegible]	[illegible]

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Hopeck	8
DERRICK MAN Ray Kane	8
MOTOR MAN John Colton	8
HELPER [illegible] Warden	8
HELPER Les Dawson	8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND ETC.)

[illegible] Natural Gas.

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	650 PSI	PUMP PRES.	450 PSI	PUMP PRES.	700 PSI
ROT. R.P.M.	160	ROT. R.P.M.	160	ROT. R.P.M.	[illegible]
POINTS WT.		POINTS WT.	10	POINTS WT.	7
LINER SIZE	6½" X 16	LINER SIZE	6 5/8	LINER SIZE	6½ X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 25th DAY FROM SPUD DATE

WELL Home Sipiwesk Cree Cath Tal. 1-2 | COMPANY Home Oil Co.

LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE N.W.T.

RIG No. 25 | DATE Jan 20/60

TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	2156.44
	SNGLS. D.P.	
16	LNGTH. CLRS.	464.62
	KELLY IN	33.00
	OTHER	4.14
	TOTAL	2627

DRILL COLLARS

No.	DIAMETER	LGTH.
16	6"	464.62

BIT RECORD

RUN No.	19
SIZE	9 3/4
MFG.	Reed
TYPE	YT3
SER. No.	H23K7
DEPTH OUT	
HOURS RUN	13
FOOTAGE	53
REAMER CUTTER NO.	
TYPE	

TIME

FROM	TO
12 00	12 15
12 15	2 15
2 15	2 45
2 45	6 30
6 30	9 PM

DRILLED

FROM	TO
2635	2645
2645	2667

FORMATION AND EXPLANATION

Rig Service - Check BOP
Drlg
Survey
Drlg
Repair mud house
Change over

DEVIATION

DEPTH	DEGREES
2645	1¼ °
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	ED TROTTIER	4
DERRICK MAN	ED TURNER	4
MOTOR MAN	Sam Pawlick	4
HELPER	Wm McConaghie	3
HELPER	G. Freiah	3
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	2156.44
	SNGLS. D.P.	
16	LNGTH. CLRS.	464.62
	KELLY IN	33.00
	OTHER	4.14
	TOTAL	2627.00

DRILL COLLARS

No.	DIAMETER	LGTH.
16		464.62

BIT RECORD

RUN No.	19
SIZE	9 3/4
MFG.	Reed
TYPE	YT3
SER. No.	H23K7
DEPTH OUT	
HOURS RUN	12 3/4
FOOTAGE	146
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
7 00	8 15
8 15	8 45
8 45	10 15
10 15	1 00
1 00	1 30
1 30	4 00

DRILLED

FROM	TO
2667	
	2792

FORMATION AND EXPLANATION

Rig Service Check BOP
Drlg.
Install new wash pipe packing
Drlg.
Survey
Drlg.

DEVIATION

DEPTH	DEGREES
2706	1°
	°

MUD RECORD

TIME	4 00	25
WT.	9.6	9.7
VISC.	76	66
W. L. CC.	7.6	8.0
FLTR. CK.	x2	x2
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Driscose	50 lbs
Caustic	100 lbs

DRLG. CREW PAYROLL

		HRS.
DRILLER	Richard LeBlanc	8
DERRICK MAN	Unknown Trapper	7
MOTOR MAN	Archibald Martin	8
HELPER	Ray Collins	4
HELPER	Charles Squirrel	4
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	2156.44
1	SNGLS. D.P.	29.10
22	LNGTH. CLRS.	632.86
	KELLY IN	33.00
	OTHER	4.14
	TOTAL	2785.54

DRILL COLLARS

No.	DIAMETER	LGTH.
22	6"	632.86

BIT RECORD

RUN No.	19	20
SIZE	9 3/4	9 3/4
MFG.	Reed	Reed
TYPE	YT3	YT3
SER. No.	H23K7	H40M4
DEPTH OUT	2767	
HOURS RUN	21 1/2	1 1/2
FOOTAGE	173	13
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
4 00	4 15
4 15	7 00
7 00	7 15
7 15	10 15
10 15	12 00

DRILLED

FROM	TO
2736	2767
2767	2780

FORMATION AND EXPLANATION

Check BOP & Rig Service
Drlg 9 3/4" Hole
Survey
Trip For 12.7 Rev up 6 D.Cs.
Drlg 9 3/4 Hole

DEVIATION

DEPTH	DEGREES
2767	1 °
	°

MUD RECORD

TIME		
WT.	9.1	9.2
VISC.		
W. L. CC.	7.6	7.6
FLTR. CK.	x2	x2
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

		HRS.
DRILLER	Jack Nelson	8
DERRICK MAN	Roy Rock	8
MOTOR MAN	John Nelson	8
HELPER	Clive Weldon	8
HELPER	[illegible]	8
HELPER		
HELPER		

REMARKS (REPAIRS, ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	475 PSI	PUMP PRES.	[illegible] PSI	PUMP PRES.	850 PSI
ROT. R.P.M.	110	ROT. R.P.M.	[illegible]	ROT. R.P.M.	160
POINTS WT.	5-6	POINTS WT.	[illegible]	POINTS WT.	15
LINER SIZE	6" X 16	LINER SIZE	[illegible]	LINER SIZE	6 X 16

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 2nd DAY FROM SPUD DATE

WELL Home Bonanza Corp Carstairs | COMPANY Home Oil Co. | RIG No. 26 | DATE Jan 19 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
25	STAND. D.P.	1754.00
1	SNGLS. D.P.	29.55
10	LNGTH. CLRS.	298.26
	KELLY IN	39.50
	OTHER	3.14
	TOTAL	2125

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/4" x 2 1/4"	298.26

BIT RECORD

RUN No.	15
SIZE	7 7/8
MFG.	HTC
TYPE	OSC-3
SER. No.	20466
DEPTH OUT	2590'
HOURS RUN	20 3/4
FOOTAGE	95
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
12:00	12:30
12:30	1:30
1:30	1:45
1:45	5:00
5:00	5:15
5:15	5:45
5:45	9:00
9:00	9:45

DRILLED

FROM	TO

FORMATION AND EXPLANATION

Circ. To Test D.S.T #1
Hoist To Bottom Test Packer Run
Rig Service & Check B.O.P
Circ To Test DST #1
Survey
Hoist To Run Test
Lay Down Tester

DEVIATION

DEPTH	DEGREES
2590'	1 3/4°

MUD RECORD

TIME	
WT.	9.6
VISC.	47
W. L. CC.	6.5
FLTR. CK.	2/32
P. H.	7.5

MUD & CHEMS ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER	Ed Trottier
DERRICK MAN	Ed Turner
MOTOR MAN	Sam Pautnik
HELPER	Wm. McCormick
HELPER	G. Freund
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	2075.22
2	SNGLS. D.P.	59.72
16	LNGTH. CLRS.	464.67
	KELLY IN	39.50
	OTHER	3.14
	TOTAL	2642

DRILL COLLARS

No.	DIAMETER	LGTH.
16	6 1/4 x 2 1/4	464.67

BIT RECORD

RUN No.	19
SIZE	7 7/8
MFG.	Reed
TYPE	FP 53
SER. No.	112453
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
9:00	9:30
9:30	11:00
11:00	11:30
11:30	3:45
3:45	8:00

DRILLED

FROM	TO

FORMATION AND EXPLANATION

Run in with Bit #19
Tool stuck pipe
Tool free & work on tool joints
Tool free & pull #14
Hoist test tool & lay down same
Run in with Bit #19

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER	Jack Fogal 4
DERRICK MAN	Earl Yates 4
MOTOR MAN	John Martin 4
HELPER	Gene Warden 4
HELPER	Leo Boisvenue 4
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
24	STAND. D.P.	2075.22
3	SNGLS. D.P.	89.78
16	LNGTH. CLRS.	464.67
	KELLY IN	39.50
	OTHER	4.14
	TOTAL	2673

DRILL COLLARS

No.	DIAMETER	LGTH.
16	6 1/4	464.67

BIT RECORD

RUN No.	19
SIZE	7 7/8
MFG.	Reed
TYPE	FP 53
SER. No.	112453
DEPTH OUT	7 1/4
HOURS RUN	
FOOTAGE	30
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
4:00	4:15
4:15	4:30
4:30	5:15
5:15	8:30
9:30	12:00

DRILLED

FROM	TO
2588	2594
2594	2615
2615	2633

FORMATION AND EXPLANATION

Rig Service Check B.O.P.
Clean & Fill In Bottom
Drilling
Survey
Drig R3/4 Hole

DEVIATION

DEPTH	DEGREES
2626	1 3/4°

MUD RECORD

TIME	
WT.	9.6
VISC.	47
W. L. CC.	6.5
FLTR. CK.	2/32
P. H.	7.5

MUD & CHEMs ADDED

TYPE	AMOUNT
	100
	150

DRLG. CREW PAYROLL — HRS.

DRILLER	Jack Fogal 8
DERRICK MAN	Earl Yates 8
MOTOR MAN	John Martin 8
HELPER	Gene Warden 8
HELPER	Leo Boisvenue 8
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND ETC.)

(Correction for Last Tally) S.L.M. 2594' Tally 2594'

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	950 PSI	PUMP PRES.	PSI	PUMP PRES.	1000 PSI
ROT. R.P.M.	60	ROT. R.P.M.		ROT. R.P.M.	110
POINTS WT.	-	POINTS WT.		POINTS WT.	6-7
LINER SIZE	6 1/2	LINER SIZE		LINER SIZE	6" X 16"

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 23rd DAY FROM SPUD DATE

WELL Home Dome et al Pr. Jato | COMPANY Home Oil Co. | RIG No. 26 | DATE Jan 18 1960

LSD. | SEC. 1 | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.		Pipe Size	Feet
23	STAND. D.P.	4½ FH	2163.45
2	SNGLS. D.P.		60.96
16	LNGTH. CLRS.		251.71
	KELLY IN		38.00
	OTHER		7.41
	TOTAL		2542

DRILL COLLARS

No.	Diameter	Lgth.
10	6"	251.26

BIT RECORD

RUN No.	17
SIZE	7 7/8
MFG.	HTC
TYPE	OSC-3
SER. No.	24695
DEPTH OUT	
HOURS RUN	24½
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

From	To
12 MN	3 AM
3 AM	3 45
3 45	3 PM
3 PM	

DRILLED

From	To
2506	2519
2519	2542

FORMATION AND EXPLANATION

Rig Service - Check B.O.P.
Drlg
Survey
Drlg

DEVIATION

Depth	Degrees
2519	2¼ °

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

Type	Amount

DRLG. CREW PAYROLL

		Hrs.
DRILLER	Ed Trottier	7
DERRICK MAN	Ed Turner	8
MOTOR MAN	Sam Dawluk	8
HELPER	Wm. McConaghie	8
HELPER	C. Lefundi	8
HELPER		
HELPER		

DAY TOUR

IN HOLE — END OF TOUR

No.		Pipe Size	Feet
24	STAND. D.P.	4½ FH	2255.13
1	SNGLS. D.P.		29.95
18	LNGTH. CLRS.		251.26
	KELLY IN		21.52
	OTHER		2.44
	TOTAL		2560

DRILL COLLARS

No.	Diameter	Lgth.
10	6"	251.26

BIT RECORD

RUN No.	17	18
SIZE	7 7/8	7 7/8
MFG.	HTC	HTC
TYPE	OSC-3	OSC-3
SER. No.	24695	24559
DEPTH OUT	2542	
HOURS RUN	25	3¼
FOOTAGE	100	10
REAMER CUTTER No.		
TYPE		

TIME

From	To
9 00	9 15
9 15	9 45
9 45	9 00
9 00	11 45
11 45	3 00
3 00	4 00

DRILLED

From	To
2542	2583
2583	2555

FORMATION AND EXPLANATION

Rig Service
Drlg.
Survey
Trip out of Hole for bit #18
Drlg.
Circ. & Ream Hole

DEVIATION

Depth	Degrees
2554	2¼ °

MUD RECORD

TIME		
WT.	9.6	9.2
VISC.	66	72
W. L. CC.	2.8	3.2
FLTR. CK.	2/32	2/32
P. H.	10.5	10.5

MUD & CHEM. ADDED

Type	Amount
Gel	1500 #
Caustic	100 #
Quebracho	150 #

DRLG. CREW PAYROLL

		Hrs.
DRILLER	Ernest Hartman	4
DERRICK MAN	Martin Richard	4
MOTOR MAN	Leonard Mott	4
HELPER	Ray Collins	4
HELPER	Charles Sheard	4
HELPER		
HELPER		

EVENING TOUR

IN HOLE — END OF TOUR

No.		Pipe Size	Feet
24	STAND. D.P.	4½ FH	2255.13
1	SNGLS. D.P.		29.95
18	LNGTH. CLRS.		251.26
	KELLY IN		21.52
	OTHER		2.44
	TOTAL		2560

DRILL COLLARS

No.	Diameter	Lgth.
10	6"	251.26

BIT RECORD

RUN No.	18
SIZE	7 7/8
MFG.	HTC
TYPE	OSC-3
SER. No.	24689
DEPTH OUT	
HOURS RUN	10
FOOTAGE	95
REAMER CUTTER No.	
TYPE	

TIME

From	To
4 00	4 15
4 15	4 45
4 45	9 45
9 45	11 30
11 30	12 MN

DRILLED

From	To
2555	2580
2580	2590

FORMATION AND EXPLANATION

Rig Service Check B.O.P.
Drlg. 7⅞" Hole
Survey - Misrun
Drlg 7⅞ Hole
Circ. To Test DST #1

DEVIATION

Depth	Degrees
	°
	°

MUD RECORD

TIME		10 PM
WT.		9.6
VISC.		47
W. L. CC.		7.6
FLTR. CK.		2/32
P. H.		10.5

MUD & CHEM. ADDED

Type	Amount
Gel	1400 #
Quebracho	50 #

DRLG. CREW PAYROLL

		Hrs.
DRILLER	Peter Kaperal	9
DERRICK MAN	Roy York	8
MOTOR MAN	John Martin	8
HELPER	Doug Warden	8
HELPER	Les Duquesne	8
HELPER		
HELPER		

REMARKS (REPAIRS. ACCIDENTS. AND. ETC.)

Change Oil & Filters
on Electric Motors.

SLUSH PUMP RECORD

Morning Tour		Day Tour		Evening Tour	
Pump Pres.	425 PSI	Pump Pres.	425 PSI	Pump Pres.	450 PSI
Rot. R.P.M.	160	Rot. R.P.M.	160	Rot. R.P.M.	160
Points Wt.		Points Wt.		Points Wt.	4-5
Liner Size	6" X 16	Liner Size	6" X 16	Liner Size	6" X 16"

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 22nd DAY FROM SPUD DATE

WELL/ Wainwright Prod Unit | COMPANY Canadian Sup | RIG No. 26 | DATE Jan 17 1980

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE Alta | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
92	STAND. D.P.	2978.74
2	SNGLS. D.P.	120.07
10	LNGTH. CLRS.	281.26
	KELLY IN	38.00
	OTHER	2.14
	TOTAL	3420.21

DRILL COLLARS

No.	DIAMETER	LGTH.
14	6 1/4	281.26

BIT RECORD

RUN No.	16	17
SIZE	8 3/4	8 3/4
MFG.	HTC	HTC
TYPE	FC-3	FC-3
SER. No.	[illegible]	[illegible]
DEPTH OUT	2444	
HOURS RUN	52	3
FOOTAGE	55	5
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12:00	17:30	2444	2444	Drlg
17:30	17:45			Circ & Condition Hole for Trip
17:45	1:00			Trip
1:00	2:00			Trip for BIT
2:00	5:00			Change Heads & Insert Rubbers
5:00	6:00			Run BIT #17
6:00	5:00	2444	2447	Drlg

DEVIATION

DEPTH	DEGREES
2444	2

MUD RECORD

TIME	7:00	
WT.	9.9	
VISC.	46	
W. L. CC.	3.9	
FLTR. CK.	2/2	
P. H.	10.5	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER F.D. Tucker	
DERRICK MAN [illegible]	
MOTOR MAN Sam Wanchuk	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
93	STAND. D.P.	2978.74
1	SNGLS. D.P.	[illegible]
10	LNGTH. CLRS.	[illegible]
	KELLY IN	38.00
	OTHER	2.14
	TOTAL	3028.88

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/4	281.26

BIT RECORD

RUN No.	17	
SIZE	8 3/4	
MFG.	HTC	
TYPE	FC-3	
SER. No	[illegible]	
DEPTH OUT		
HOURS RUN	9 1/2	
FOOTAGE	94	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
6:00	8:15			Rig Service Check B.O.P.
8:15	10:00	2449		Trip
10:00	10:15			Survey
10:15	4:00		2544	Drlg

DEVIATION

DEPTH	DEGREES
2457	2 1/4

MUD RECORD

TIME	12:00	6:00
WT.	9.6	9.5
VISC.	70	54
W. L. CC.	2.4	2.4
FLTR. CK.	2/2	2/2
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Caustic	100
[illegible]	[illegible]
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER L. Nagel L-Bland	
DERRICK MAN Marvin Raymond	
MOTOR MAN [illegible]	
HELPER Ray Collins	
HELPER [illegible]	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
93	STAND. D.P.	2978.74
1	SNGLS. D.P.	20.67
10	LNGTH. CLRS.	281.26
	KELLY IN	38.00
	OTHER	2.14
	TOTAL	3420.81

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/4	281.26

BIT RECORD

RUN No.	17	
SIZE	8 3/4	
MFG.	HTC	
TYPE	ASCGS	
SER. No.	[illegible]	
DEPTH OUT		
HOURS RUN	17	
FOOTAGE	62	
REAMER CUTTER No.		
TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
6:00	6:30	2538	2566	Drlg
6:30	7:00			Rig Ser, Survey & Check BOP
7:00	12:00			Drlg

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME	6:00	10:00
WT.	9.2	9.8
VISC.	65	55
W. L. CC.	5.2	5.6
FLTR. CK.	2/2	2/2
P. H.	10.5	10.5

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	100

DRLG. CREW PAYROLL

	HRS.
DRILLER Peter Kosoroski	
DERRICK MAN Ray Hook	
MOTOR MAN Ted Martin	
HELPER Fred Daniels	
HELPER [illegible]	
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	[illegible] PSI	PUMP PRES.	[illegible] PSI	PUMP PRES.	950 PSI
ROT. R.P.M.	[illegible]	ROT. R.P.M.	120	ROT. R.P.M.	120
POINTS WT.	[illegible]	POINTS WT.	5	POINTS WT.	[illegible]
LINER SIZE	[illegible]	LINER SIZE	[illegible]	LINER SIZE	[illegible]

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 21st DAY FROM SPUD DATE

WELL _____ COMPANY _____ RIG No. _____ DATE _____

LSD. _____ SEC. _____ TWP. _____ RNGE. _____ W/ MER. _____ PROVINCE _____ TOOL PUSHER _____

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	16
7	STAND. D.P.	3[illegible]	SIZE	7 7/8
1	SNGLS. D.P.	[illegible]	MFG.	[illegible]
22	LNGTH. CLRS.	[illegible]	TYPE	[illegible]
	KELLY IN	[illegible]	SER. No.	[illegible]
	OTHER	[illegible]	DEPTH OUT	
	TOTAL	[illegible]	HOURS RUN	[illegible]
DRILL COLLARS			FOOTAGE	[illegible]
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
15	[illegible]	[illegible]	TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD	
TIME	[illegible]
WT.	[illegible]
VISC.	[illegible]
W. L. CC.	[illegible]
FLTR. CK.	[illegible]
P. H.	[illegible]

MUD & CHEM. ADDED	
TYPE	AMOUNT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRLG. CREW PAYROLL	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	[illegible]

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	[illegible]
[illegible]	STAND. D.P.	[illegible]	SIZE	[illegible]
[illegible]	SNGLS. D.P.	[illegible]	MFG.	[illegible]
[illegible]	LNGTH. CLRS.	[illegible]	TYPE	[illegible]
	KELLY IN	[illegible]	SER. No.	[illegible]
	OTHER	[illegible]	DEPTH OUT	
	TOTAL	[illegible]	HOURS RUN	[illegible]
DRILL COLLARS			FOOTAGE	[illegible]
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
[illegible]	[illegible]	[illegible]	TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD	
TIME	[illegible]
WT.	[illegible]
VISC.	[illegible]
W. L. CC.	[illegible]
FLTR. CK.	[illegible]
P. H.	[illegible]

MUD & CHEM. ADDED	
TYPE	AMOUNT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRLG. CREW PAYROLL	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	[illegible]

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	[illegible]
[illegible]	STAND. D.P.	[illegible]	SIZE	[illegible]
[illegible]	SNGLS. D.P.	[illegible]	MFG.	[illegible]
[illegible]	LNGTH. CLRS.	[illegible]	TYPE	[illegible]
	KELLY IN	[illegible]	SER. No.	[illegible]
	OTHER	[illegible]	DEPTH OUT	
	TOTAL	[illegible]	HOURS RUN	[illegible]
DRILL COLLARS			FOOTAGE	[illegible]
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
[illegible]	[illegible]	[illegible]	TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
[illegible]	[illegible] °
	°

MUD RECORD	
TIME	[illegible]
WT.	[illegible]
VISC.	[illegible]
W. L. CC.	[illegible]
FLTR. CK.	[illegible]
P. H.	[illegible]

MUD & CHEM. ADDED	
TYPE	AMOUNT

DRLG. CREW PAYROLL	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	[illegible]

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 4th DAY FROM SPUD DATE

WELL	COMPANY	RIG NO.	DATE
LSD.	**SEC.**	**TWP**	**RNGE.**	**W/ MER.**	**PROVINCE**	**TOOL PUSHER**

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
21	STAND. D.P.	6807
2	SNGLS. D.P.	183
10	LNGTH. CLRS.	241.76
	KELLY IN	40.00
	OTHER	2.00
	TOTAL	7273.76

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/2	301.76

BIT RECORD

RUN No.	14	15
SIZE	7 7/8	7 7/8
MFG.	HTC	HTC
TYPE	J22	J22G
SER. No.	7001	10312
DEPTH OUT	2346	
HOURS RUN	15	2
FOOTAGE	74	4
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
6:00	12:15			Rig Service & D.S.
12:15	2:45	2210	2317	Drlg
2:45	3:30			Surv
3:30	4:30	2317	2346	Drlg
4:30	7:00			Trip for bit
7:00	7:30	2346	2350	Drlg

DEVIATION

DEPTH	DEGREES
2337	3/4°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER — DERRICK MAN — MOTOR MAN — HELPER — HELPER — HELPER — HELPER

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
22	STAND. D.P.	7273.76
	SNGLS. D.P.	
10	LNGTH. CLRS.	241.76
	KELLY IN	40.00
	OTHER	2.00
	TOTAL	7557.52

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/2	301.76

BIT RECORD

RUN No.	15	
SIZE	7 7/8	
MFG.	HTC	
TYPE	J22G	
SER. No.	10312	
DEPTH OUT		
HOURS RUN	9 3/4	
FOOTAGE	29	
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
7:30	11:00	2350		Drlg
11:00	11:30			Rig Service
11:30	1:15			Drlg
1:15	1:45			Circ
1:45	2:30		2379	Trip
2:30	4:30	2379	2409	Drlg

DEVIATION

DEPTH	DEGREES
2370	3/4°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER — DERRICK MAN — MOTOR MAN — HELPER — HELPER — HELPER — HELPER

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
22	STAND. D.P.	7273.76
	SNGLS. D.P.	
10	LNGTH. CLRS.	241.76
	KELLY IN	40.00
	OTHER	2.00
	TOTAL	7557.52

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6 1/2	301.76

BIT RECORD

RUN No.	15	
SIZE	7 7/8	
MFG.	HTC	
TYPE	J22G	
SER. No.	10312	
DEPTH OUT	2409	
HOURS RUN	4 3/4	
FOOTAGE	59	
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
4:30	4:45			Rig Service
4:45	10:45	2409	2437	Drlg 1 3/4 hrs
10:45	11:00			Survey
11:00	12:00			Wait for bit

DEVIATION

DEPTH	DEGREES
2387	3/4°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER — DERRICK MAN — MOTOR MAN — HELPER — HELPER — HELPER — HELPER

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 19th DAY FROM SPUD DATE

WELL [illegible] COMPANY Home Oil Co. RIG NO. 26 DATE [illegible]

LSD. SEC. 4 TWP. RNGE. W/ MER. PROVINCE Alta TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
1	SNGLS. D.P.	
16	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.
10		

BIT RECORD

RUN No.	13
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1000	1015			Rig Service check BOP
1015	1200	3192	3217	DRLG
1200	1530			Surv
1530	1600	3217	3236	Drlg
				TD

DEVIATION

DEPTH	DEGREES
3217	2½°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
90	STAND. D.P.	
1	SNGLS. D.P.	
16	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.
10		

BIT RECORD

RUN No.	13	14
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
600	[illegible]			[illegible]
[illegible]	700			[illegible]
900	1000	3235		[illegible]
1000	[illegible]			Survey
[illegible]	1200		3272	Drlg
1200	1215			Circ
1215	[illegible]			Trip for [illegible]

DEVIATION

DEPTH	DEGREES
3240	¼°
3272	¼°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	4
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1700	1715			Circ
1715	1730			Trip out
1730	1900	3272	3307	Drlg 7⅞ Hole
1900	1930			Survey
1930	2400	3307	3336	Drlg

DEVIATION

DEPTH	DEGREES
[illegible]	¼°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	[illegible] PSI	PUMP PRES.	[illegible] PSI	PUMP PRES.	PSI
ROT. R.P.M.	[illegible]	ROT. R.P.M.	[illegible]	ROT. R.P.M.	
POINTS WT.	[illegible]	POINTS WT.		POINTS WT.	
LINER SIZE	[illegible]	LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE ____ DAY FROM SPUD DATE

WELL | COMPANY | RIG No. | DATE

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER

DERRICK MAN

MOTOR MAN

HELPER

HELPER

HELPER

HELPER

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER

DERRICK MAN

MOTOR MAN

HELPER

HELPER

HELPER

HELPER

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER

DERRICK MAN

MOTOR MAN

HELPER

HELPER

HELPER

HELPER

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 17th DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG NO. 26 DATE [illegible]

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
12	STAND. D.P.	[illegible]
3	SNGLS. D.P.	[illegible]
2	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
12	[illegible]	[illegible]
1	[illegible]	[illegible]

BIT RECORD

RUN No.	11	12
SIZE	[illegible]	[illegible]
MFG.	[illegible]	[illegible]
TYPE	[illegible]	[illegible]
SER. No.	[illegible]	[illegible]
DEPTH OUT	[illegible]	
HOURS RUN	[illegible]	
FOOTAGE	[illegible]	
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	

DRILLED

FROM	TO
[illegible]	[illegible]

FORMATION AND EXPLANATION

[illegible] Clear Lake Red

Red

Shale

DEVIATION

DEPTH	DEGREES
[illegible]	[illegible] °
	°

MUD RECORD

TIME	
WT.	[illegible]
VISC.	[illegible]
W. L. CC.	[illegible]
FLTR. CK.	[illegible]
P. H.	[illegible]

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	[illegible]
DERRICK MAN [illegible]	[illegible]
MOTOR MAN [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
15	STAND. D.P.	[illegible]
2	SNGLS. D.P.	[illegible]
2	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
12	[illegible]	[illegible]
1	[illegible]	[illegible]

BIT RECORD

RUN No.	12	
SIZE	[illegible]	
MFG.	[illegible]	
TYPE	[illegible]	
SER. No.	[illegible]	
DEPTH OUT		
HOURS RUN	[illegible]	
FOOTAGE	93	
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]

FORMATION AND EXPLANATION

[illegible] Clear Lake

Red Beds

Salt

Shale

DEVIATION

DEPTH	DEGREES
[illegible]	[illegible] °
[illegible]	°

MUD RECORD

TIME	[illegible]
WT.	[illegible]
VISC.	[illegible]
W. L. CC.	[illegible]
FLTR. CK.	[illegible]
P. H.	[illegible]

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN [illegible]	
MOTOR MAN	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
12	STAND. D.P.	[illegible]
2	SNGLS. D.P.	[illegible]
2	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
12	[illegible]	[illegible]
1	[illegible]	[illegible]

BIT RECORD

RUN No.	12	
SIZE	[illegible]	
MFG.	[illegible]	
TYPE	[illegible]	
SER. No.	[illegible]	
DEPTH OUT		
HOURS RUN	[illegible]	
FOOTAGE	190	
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
	2075

FORMATION AND EXPLANATION

Dolo [illegible] Anhy

Rig Service + Tighten Chain Packing

Drill

Survey @ [illegible]

Trip for New Hole

DEVIATION

DEPTH	DEGREES
[illegible]	[illegible] °
	°

MUD RECORD

TIME	[illegible]
WT.	[illegible]
VISC.	[illegible]
W. L. CC.	[illegible]
FLTR. CK.	[illegible]
P. H.	[illegible]

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	[illegible]
DERRICK MAN [illegible]	[illegible]
MOTOR MAN [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

[illegible] Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	[illegible] PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.	[illegible]	ROT. R.P.M.	[illegible]
POINTS WT.		POINTS WT.	[illegible]	POINTS WT.	[illegible]
LINER SIZE		LINER SIZE	[illegible]	LINER SIZE	[illegible]

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE ____ DAY FROM SPUD DATE

WELL	COMPANY	RIG No.	DATE

LSD.	SEC.	TWP.	RNGE.	W/ MER.	PROVINCE	TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION

DEVIATION DEPTH	DEGREES

MUD RECORD	
TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	
MUD & CHEM. ADDED TYPE	AMOUNT

DRLG. CREW PAYROLL	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION

DEVIATION DEPTH	DEGREES

MUD RECORD	
TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	
MUD & CHEM. ADDED TYPE	AMOUNT

DRLG. CREW PAYROLL	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION

DEVIATION DEPTH	DEGREES

MUD RECORD	
TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	
MUD & CHEM. ADDED TYPE	AMOUNT

DRLG. CREW PAYROLL	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

L. Stafford

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE [illegible] DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG NO. [illegible] DATE [illegible]

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	[illegible]
	SNGLS. D.P.	[illegible]
11	LNGTH. CLRS.	209.46
	KELLY IN	5.98
	OTHER	2.20
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
12	6 1/2	[illegible]

BIT RECORD

RUN No.	3
SIZE	9 7/8
MFG.	HTC
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	7 1/4
FOOTAGE	[illegible]
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
1700	1915
1915	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO
1534	1552
1552	1610
1610	1615

FORMATION AND EXPLANATION

[illegible] 80'

DEVIATION

DEPTH	DEGREES
1552	1 1/4°
1610	1 1/4°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
11	STAND. D.P.	[illegible]
1	SNGLS. D.P.	[illegible]
11	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
11	6	[illegible]

BIT RECORD

RUN No.	4
SIZE	9 7/8
MFG.	HTC
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	11 1/4
FOOTAGE	[illegible]
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO
[illegible]	

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
	1/4°
1720	1 3/4°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
11	STAND. D.P.	[illegible]
1	SNGLS. D.P.	[illegible]
12	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
11	[illegible]	[illegible]
12	[illegible]	[illegible]

BIT RECORD

RUN No.	4	5
SIZE	[illegible]	[illegible]
MFG.	[illegible]	[illegible]
TYPE	[illegible]	[illegible]
SER. No.	[illegible]	[illegible]
DEPTH OUT	[illegible]	
HOURS RUN	[illegible]	[illegible]
FOOTAGE	[illegible]	[illegible]
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO
[illegible]	
[illegible]	[illegible]

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
[illegible]	[illegible]

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
F. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 14 DAY FROM SPUD DATE

WELL: Home Sour Creek 12 | COMPANY: Home Oil Co. | RIG NO. 2 | DATE: Jan 9 - 1966

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	9
SIZE	7 7/8
MFG.	STC
TYPE	FDS-3
SER. No.	24994
DEPTH OUT	
HOURS RUN	5 1/4
FOOTAGE	56
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
12:00	12:30			Running in Hole & Tag Sand
12:30	1:00			Wash Down & Ream
1:00	1:30			Hoist
1:30	2:00			Pull in Hole & Ream
2:00	2:15			Wash Ream
2:15	4:00	1050	1103	Drlg 7 7/8 Hole
4:00	4:15			Survey
4:15	5:00	1103	1103	Drlg with Survey

DEVIATION

DEPTH	DEGREES
1103	2°
1103	1 1/2°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gypsum	
Soda Ash	

DRLG. CREW PAYROLL

	HRS.
DRILLER Moffat	8
DERRICK MAN Lowe	8
MOTOR MAN Mostad	8
HELPER Lawrence Lowe	8
HELPER	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	9
SIZE	7 7/8
MFG.	STC
TYPE	FDS-3
SER. No.	24994
DEPTH OUT	
HOURS RUN	10
FOOTAGE	324
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
2:00	2:15	1103	1103	Drlg
2:15	7:00	1206	1322	Drlg
9:45	9:00			Survey
9:00	10:45	1322	1427	Drlg
10:45	11:15			Survey
11:15	1:45	1427	1545	Drlg
1:45	2:00	1545	1545	Circ

DEVIATION

DEPTH	DEGREES
1322	1 1/2°
1545	1/2°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Moffat	8
DERRICK MAN	8
MOTOR MAN Lowe	8
HELPER Lowe	8
HELPER Fennell	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 2nd DAY FROM SPUD DATE

WELL [illegible] #2 | COMPANY [illegible] | RIG No. [illegible] | DATE JAN 9 - 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME: FROM 12 AM TO 9 00

DRILLED: FROM — TO —

FORMATION AND EXPLANATION: [illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
7	STAND. D.P.	6328
1	SNGLS. D.P.	32.12
11	LNGTH. CLRS.	209.40
	KELLY IN	
	OTHER	
	TOTAL	6570.52

DRILL COLLARS

No.	DIAMETER	LGTH.
10	6"	307.40

BIT RECORD

RUN No.	2	
SIZE	7 7/8	
MFG.	HTC	
TYPE	OSC3	
SER. No.	24494	
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME: FROM 12 AM TO 4 00

DRILLED: FROM — TO —

FORMATION AND EXPLANATION: Mudding up and [illegible] to Hole

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
9	STAND. D.P.	[illegible]
	SNGLS. D.P.	
11	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
11	[illegible]	[illegible]

BIT RECORD

RUN No.	[illegible]	
SIZE	[illegible]	
MFG.	[illegible]	
TYPE	[illegible]	
SER. No.	[illegible]	
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME: FROM [illegible] TO [illegible]

DRILLED: FROM — TO —

FORMATION AND EXPLANATION: [illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	[illegible]
DERRICK MAN [illegible]	[illegible]
MOTOR MAN [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES. PSI		PUMP PRES. PSI		PUMP PRES.	[illegible] PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	[illegible]
POINTS WT.		POINTS WT.		POINTS WT.	[illegible]
LINER SIZE		LINER SIZE		LINER SIZE	[illegible]

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 2 DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG No. 26 DATE Jan. 7 - 1960

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE N.W.T. TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
6:00	1:00
1:00	

DRILLED

FROM	TO

FORMATION AND EXPLANATION

Run 8 5/8" Casing

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER Kapral	8
DERRICK MAN York	8
MOTOR MAN Fenton	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
6:00	6:00

DRILLED

FROM	TO

FORMATION AND EXPLANATION

Run Casing

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.		
SIZE		
MFG.		
TYPE		
SER. No.		
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO

DRILLED

FROM	TO

FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 11th DAY FROM SPUD DATE

WELL Imp. Sand C of Canada #2 | COMPANY Home Oil Co | RIG No. 26 | DATE Jan 6-60

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
		12	130	Ran Casing
		130	300	Circ Cement Finishing Down
		300	2 00	Nipple up Cellar Crew
				W.O. Cement Mud Tanks

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
8 00	4 00			W.O. CEMENT

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 22 DAY FROM SPUD DATE

WELL [illegible] | COMPANY [illegible] | RIG No. 26 | DATE Jan 5 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
1	STAND. D.P.	3443
2	SNGLS. D.P.	655
4	LNGTH. CLRS.	462
	KELLY IN	40.24
	OTHER	514
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
2	6"	402.2

BIT RECORD

RUN No.	7
SIZE	9 7/8
MFG.	[illegible]
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	3 1/2
FOOTAGE	50
REAMER CUTTER No.	1
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
[illegible]	2:00		1040	[illegible] Surface Casing
2:00	5:15			Tag Top of Cement Plug
5:15	6:00			Drill Out Cement

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	[illegible]	[illegible]
WT.	[illegible]	9.4
VISC.	[illegible]	37
W. L. CC.	[illegible]	5.6
FLTR. CK.	[illegible]	2/32
P. H.	[illegible]	10.0

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	9
DERRICK MAN [illegible]	9
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	[illegible]
	SNGLS. D.P.	[illegible]
	LNGTH. CLRS.	[illegible]
	KELLY IN	39.24
	OTHER	514
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
	6"	[illegible]

BIT RECORD

RUN No.	7
SIZE	9 7/8
MFG.	[illegible]
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	1040
HOURS RUN	3 1/2
FOOTAGE	50
REAMER CUTTER No.	1
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
9:00	9:15			[illegible] Surface Casing
9:15	3:15			Tag Top of Cement Plug
3:15	4:00			Drill Out Cement
				Start To Drill Casing
				Finish To Drill Casing

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	16
DERRICK MAN [illegible]	16
MOTOR MAN [illegible]	16
HELPER [illegible]	16
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			
[illegible]	[illegible]			

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.	[illegible]	
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	[illegible]
DERRICK MAN [illegible]	[illegible]
MOTOR MAN [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER [illegible]	[illegible]
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 1 DAY FROM SPUD DATE

WELL: Home Dome Petroleum #2 | COMPANY: Home Oil Co. | RIG NO. 126 | DATE: Jan. 4-1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: N.W.T. | TOOL PUSHER: [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
7	STAND. D.P.	1,350.50
25	SNGLS. D.P.	484.00
5	LNGTH. CLRS.	90.62
	KELLY IN	34.00
	OTHER	3.08
	TOTAL	5002.50

DRILL COLLARS

No.	Diameter	Lgth.
2	6"	140.62

BIT RECORD

RUN No.	2	10
SIZE	12¼	12¼
MFG.	HTC	CLIMAX
TYPE	OSC-3	STRC
SER. No.	6200	17742
DEPTH OUT	2210	
HOURS RUN	13½	¾
FOOTAGE	472	2
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1240	1245			Rig Service
1245	1400	1207	1208	Ream 2nd to 12¼
1400	1415			Trip For Bit
1415	1500			Lost Circ. Mixing Mud

DEVIATION

Depth	Degrees
1208	1°
1510	1°

MUD RECORD

TIME	1400
WT.	9.4
VISC.	45
W. L. CC.	5.6
FLTR. CK.	2/32
P. H.	7.00

MUD & CHEM. ADDED

Type	Amount
Bentonite	100#
Caustic	100#
Soda Ash	100#

DRLG. CREW PAYROLL

	HRS.
DRILLER Fred Kostal	8
DERRICK MAN Billy Tuck	8
MOTOR MAN Mac Tom	8
HELPER Duke Wilson	8
HELPER Dick Lassiter	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	Pipe Size 4½	Feet
8	STAND. D.P.	1222.00
1	SNGLS. D.P.	30.50
5	LNGTH. CLRS.	140.62
	KELLY IN	34.00
	OTHER	3.08
	TOTAL	1429.80

DRILL COLLARS

No.	Diameter	Lgth.
2	6"	90.62

BIT RECORD

RUN No.	6
SIZE	12¼
MFG.	Reed
TYPE	S33J
SER. No.	47748
DEPTH OUT	
HOURS RUN	6½
FOOTAGE	722
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
0900	0945			Rig Service
0945	1345			Circ. & Cond. Mud
1345	1500	778	922	Drill

DEVIATION

Depth	Degrees
	°
	°

MUD RECORD

TIME	—
WT.	—
VISC.	—
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

Type	Amount

DRLG. CREW PAYROLL

	HRS.
DRILLER Ed Tuttle	8
DERRICK MAN [illegible]	8
MOTOR MAN Dale Law	8
HELPER Frank Wise	8
HELPER Duke Wilson	4
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	Pipe Size	Feet
1	STAND. D.P.	1222.00
1	SNGLS. D.P.	30.50
5	LNGTH. CLRS.	140.62
	KELLY IN	34.00
	OTHER	3.08
	TOTAL	1429.80

DRILL COLLARS

No.	Diameter	Lgth.
2	6"	90.62

BIT RECORD

RUN No.	6	7
SIZE	12¼	12¼
MFG.	Reed	HTC
TYPE	S33J	OSC-3
SER. No.	47748	6200
DEPTH OUT	1510	
HOURS RUN	12	
FOOTAGE	88	
REAMER CUTTER No.		
TYPE		

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
1500	1545			Rig Service
1545	0130	922	1510	Drill
0130	0200	1510	1540	Trip For Bit

DEVIATION

Depth	Degrees
	°
	°

MUD RECORD

TIME	1200
WT.	9.2
VISC.	50
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

Type	Amount

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

H. Sleffel

SLUSH PUMP RECORD

	Morning Tour	Day Tour	Evening Tour
PUMP PRES.	PSI	PSI	PSI
ROT. R.P.M.			
POINTS WT.			
LINER SIZE			

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 2 DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG NO. 26 DATE JAN 3-1960

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE N.W.T. TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO

DRILLED

FROM	TO

FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO

DRILLED

FROM	TO

FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO

DRILLED

FROM	TO

FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER	
DERRICK MAN	
MOTOR-MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 7 DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG No. 16 DATE [illegible]

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE N.W.T TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
8	STAND. D.P.	721.42
	SNGLS. D.P.	284.7
20	LNGTH. CLRS.	2580.94
	KELLY IN	14.00
	OTHER	2.26
	TOTAL	3405

DRILL COLLARS

No.	DIAMETER	LGTH.
12	6"	348.94

BIT RECORD

RUN No.	5
SIZE	9 3/4
MFG.	[illegible]
TYPE	HT 2
SER. No.	[illegible]
DEPTH OUT	3405
HOURS RUN	22 1/2
FOOTAGE	358
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
12:00	[illegible]		3405	D/D Repairs Tag Trans and Motors

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
[illegible]	[illegible]			[illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
8	STAND. D.P.	[illegible]
12	SNGLS. D.P.	[illegible]
12	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
[illegible]	[illegible]	[illegible]

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
[illegible]	[illegible]			[illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE 6 DAY FROM SPUD DATE

WELL: Home Canada SP Clarke #2 | COMPANY: Amoco Can Co. | RIG No. 216 | DATE Jan 1 - 1960

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE N.W.T. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
10	LNGTH. CLRS.	2894
	KELLY IN	
	OTHER	26
	TOTAL	

DRILL COLLARS

NO	DIAMETER	LGTH.
12	6"	378.84

BIT RECORD

RUN No.	3
SIZE	7 7/8
MFG.	HEEL
TYPE	YT3
SER. No.	45379
DEPTH OUT	
HOURS RUN	
FOOTAGE	92
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
0300	0615
0615	1100
1100	1320
1320	1345
1345	1715

DRILLED

FROM	TO
890	924
924	974

FORMATION AND EXPLANATION

- K.B. Series
- Lost Circ. / Aerating Mud
- Controlled Drilling
- Shale
- (Controlled Drilling
- Shale)

DEVIATION

DEPTH	DEGREES
924	1½°
974	1½°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
CC2	100

DRLG. CREW PAYROLL

	HRS.
DRILLER Lee Kapeal	8
DERRICK MAN Yuen	8
MOTOR MAN John Martin	8
HELPER Bruce L. Nelson	8
HELPER Leo D. Lacombe	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

NO.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	11447

DRILL COLLARS

NO.	DIAMETER	LGTH.
	6"	

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	28
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO
1745	

DRILLED

FROM	TO
1414	1047
1414	1447

FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
1414	

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME

FROM	TO

DRILLED

FROM	TO

FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

T.D. 1040' Lodged

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE ____ DAY FROM SPUD DATE

WELL: [illegible] COMPANY: [illegible] RIG No.: 26 DATE: Dec 31-59

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE: N.W.T. TOOL PUSHER: [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
4	STAND. D.P.	[illegible]
1	SNGLS. D.P.	[illegible]
10	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
	[illegible]	

BIT RECORD

RUN No.	4
SIZE	[illegible]
MFG.	[illegible]
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	192
HOURS RUN	[illegible]
FOOTAGE	261
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
[illegible]	[illegible]			[illegible] Surface
[illegible]	[illegible]	208	264	Fractured Dolo
[illegible]	520			Shale
520	540	264	424	Fractured Dolo
540	545			Shale
545	645	424	434	Fractured Dolo
645	735			Shale
735	750	434	492	Dolo Lots Wtr

DEVIATION

DEPTH	DEGREES
264	1°
424	1°

MUD RECORD

TIME	[illegible]
WT.	
VISC.	[illegible]
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
Gel	5 Sacks

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
[illegible]	STAND. D.P.	[illegible]
	SNGLS. D.P.	[illegible]
10	LNGTH. CLRS.	[illegible]
[illegible]	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
10	[illegible]	[illegible]

BIT RECORD

RUN No.	[illegible]
SIZE	[illegible]
MFG.	[illegible]
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	3
FOOTAGE	187
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
[illegible]				First Formation and Explanation
	1050			[illegible]
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	672	744	Dolo
1120	1230			Shale
[illegible]	1 [illegible]	744	804	Dolo
1 [illegible]	1 [illegible]	804		Shale
1 [illegible]	1 [illegible]		829	[illegible]

DEVIATION

DEPTH	DEGREES
744	1¼°
804	1½°

MUD RECORD

TIME	[illegible]
WT.	
VISC.	45
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	8
DERRICK MAN [illegible]	8
MOTOR MAN [illegible]	8
HELPER [illegible]	8
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
6	STAND. D.P.	[illegible]
1	SNGLS. D.P.	[illegible]
11	LNGTH. CLRS.	[illegible]
	KELLY IN	[illegible]
	OTHER	[illegible]
	TOTAL	[illegible]

DRILL COLLARS

No.	DIAMETER	LGTH.
10	[illegible]	[illegible]

BIT RECORD

RUN No.	5
SIZE	[illegible]
MFG.	[illegible]
TYPE	[illegible]
SER. No.	[illegible]
DEPTH OUT	
HOURS RUN	[illegible]
FOOTAGE	[illegible]
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	521		[illegible]
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]
	[illegible]			[illegible]

DEVIATION

DEPTH	DEGREES
[illegible]	[illegible]

MUD RECORD

TIME	[illegible]
WT.	
VISC.	[illegible]
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER [illegible]	
DERRICK MAN [illegible]	
MOTOR MAN [illegible]	
HELPER [illegible]	
HELPER [illegible]	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.	[illegible]	ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.	[illegible]	POINTS WT.		POINTS WT.	
LINER SIZE	[illegible]	LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE 4 DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG No. [illegible] DATE Dec 30 58

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE Alta TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
9	LNGTH. CLRS.	283
	KELLY IN	34
	OTHER	34
	TOTAL	351

DRILL COLLARS

No.	DIAMETER	LGTH.
9	6	283

BIT RECORD

RUN No.	3	
SIZE	7 7/8	
MFG.	STC	
TYPE	OSC3	
SER. No.	4283	
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
1	SNGLS. D.P.	2946
12	LNGTH. CLRS.	401.98
	KELLY IN	41.50
	OTHER	2.16
	TOTAL	3491.64

DRILL COLLARS

No.	DIAMETER	LGTH.
10	5 1/2	330.40

BIT RECORD

RUN No.	[illegible]	[illegible]
SIZE	[illegible]	[illegible]
MFG.	[illegible]	[illegible]
TYPE	[illegible]	[illegible]
SER. No.	[illegible]	[illegible]
DEPTH OUT	[illegible]	[illegible]
HOURS RUN	[illegible]	[illegible]
FOOTAGE	[illegible]	[illegible]
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO
330	331

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	[illegible]	
SIZE	[illegible]	
MFG.	[illegible]	
TYPE	[illegible]	
SER. No.	[illegible]	
DEPTH OUT		
HOURS RUN		
FOOTAGE		
REAMER CUTTER No.		
TYPE		

TIME

FROM	TO
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRILLED

FROM	TO
[illegible]	

FORMATION AND EXPLANATION

[illegible]

DEVIATION

DEPTH	DEGREES
[illegible]	[illegible] °
[illegible]	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

DRLG. CREW PAYROLL

	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE ___ DAY FROM SPUD DATE

WELL: [illegible] | COMPANY: [illegible] | RIG No. [illegible] | DATE [illegible]

LSD. | SEC. | TWP. | RNGE. | W/ MER. | PROVINCE: ALTA. | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM / TO: [illegible]

DRILLED FROM / TO: [illegible]

FORMATION AND EXPLANATION: [illegible] D.V. Cement

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM / TO: [illegible]

DRILLED FROM / TO:

FORMATION AND EXPLANATION: [illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	[illegible]
DERRICK MAN	
MOTOR MAN	[illegible]
HELPER	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM / TO: [illegible]

DRILLED FROM / TO:

FORMATION AND EXPLANATION: [illegible] D.V. Cement [illegible]

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME	
WT.	
VISC.	
W. L. CC.	
FLTR. CK.	
P. H.	

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL

	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS, ACCIDENTS AND, ETC.)

[illegible]

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE _____ DAY FROM SPUD DATE

WELL [illegible] COMPANY [illegible] RIG No. [illegible] DATE Dec. 8-52

LSD. SEC. TWP. RNGE. W/ MER. PROVINCE [illegible] TOOL PUSHER [illegible]

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
NO.	PIPE SIZE	FEET	RUN No.	[illegible]
	STAND. D.P.	[illegible]	SIZE	[illegible]
	SNGLS. D.P.		MFG.	[illegible]
	LNGTH. CLRS.	[illegible]	TYPE	[illegible]
	KELLY IN	[illegible]	SER. No.	
	OTHER	[illegible]	DEPTH OUT	
	TOTAL	[illegible]	HOURS RUN	[illegible]
DRILL COLLARS			FOOTAGE	[illegible]
NO.	DIAMETER	LGTH.	REAMER CUTTER No.	[illegible]
			TYPE	[illegible]

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	0	[illegible]	[illegible]

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME		
WT.	[illegible]	
VISC.	[illegible]	
W.L. CC.		
FLTR. CK.		
P. H.		
MUD & CHEM. ADDED		
TYPE	AMOUNT	
[illegible]	[illegible]	
[illegible]		

DRLG. CREW PAYROLL	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD	
NO.	PIPE SIZE [illegible]	FEET	RUN No.	1
1	STAND. D.P.	[illegible]	SIZE	[illegible]
2	SNGLS. D.P.	[illegible]	MFG.	[illegible]
3	LNGTH. CLRS.	[illegible]	TYPE	[illegible]
	KELLY IN	[illegible]	SER. No.	[illegible]
	OTHER	[illegible]	DEPTH OUT	[illegible]
	TOTAL	[illegible]	HOURS RUN	[illegible]
DRILL COLLARS			FOOTAGE	[illegible]
No.	DIAMETER	LGTH.	REAMER CUTTER No.	1
[illegible]	[illegible]	[illegible]	TYPE	[illegible]

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]			CIRCULATE
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME		
WT.	[illegible]	
VISC.	[illegible]	
W. L. CC.		
FLTR. CK.		
P. H.		
MUD & CHEM. ADDED		
TYPE	AMOUNT	

DRLG. CREW PAYROLL	HRS.
DRILLER	[illegible]
DERRICK MAN	[illegible]
MOTOR MAN	[illegible]
HELPER	[illegible]
HELPER	[illegible]
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD	
No.	PIPE SIZE	FEET	RUN No.	
	STAND. D.P.		SIZE	
	SNGLS. D.P.		MFG.	
	LNGTH. CLRS.		TYPE	
	KELLY IN		SER. No.	
	OTHER		DEPTH OUT	
	TOTAL		HOURS RUN	
DRILL COLLARS			FOOTAGE	
No.	DIAMETER	LGTH.	REAMER CUTTER No.	
			TYPE	

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]
[illegible]	[illegible]			[illegible]
				RUN 13 3/4 CASING
				CIRCULATE
				SLURRY & PUMP PLUG DOWN

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		
MUD & CHEM. ADDED		
TYPE	AMOUNT	

DRLG. CREW PAYROLL	HRS.
DRILLER	
DERRICK MAN	[illegible]
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

[illegible]

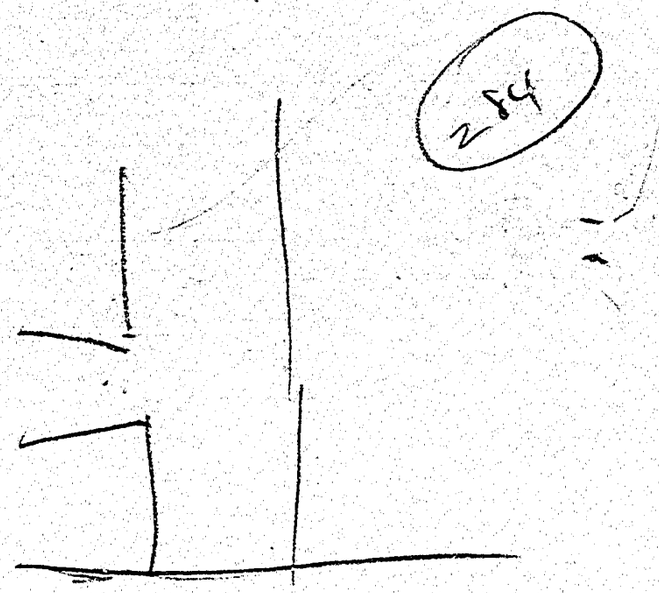
SLUSH PUMP RECORD					
MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	[illegible] PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

Drillers

1/ Clean out cellar.
2/ Clean out & wash down Mud Tanks
3/ Drain GXQ.
4/ Have all B.O.P. equipment ready to install
5/ Change Motor on Shaker & repair Shaker
6/ Be ready to cut-off casing 5:00 PM Wed 28/59.
7/ Lay 4½" Drill line Fire line

Clean up Rig

Skid



140.60
132.52
273.12
26.62
299.54
24.14
327.68
29.69
357.37
31.31
26.

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY EDMONTON

THIS IS THE ____ DAY FROM SPUD DATE

WELL | COMPANY | RIG No. | DATE

LSD. SEC. TWP. RNGE. W/ MER. | PROVINCE | TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER

DERRICK MAN

MOTOR MAN

HELPER

HELPER

HELPER

HELPER

DAY TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER

DERRICK MAN

MOTOR MAN

HELPER

HELPER

HELPER

HELPER

EVENING TOUR

IN HOLE — END OF TOUR

No.	PIPE SIZE	FEET
	STAND. D.P.	
	SNGLS. D.P.	
	LNGTH. CLRS.	
	KELLY IN	
	OTHER	
	TOTAL	

DRILL COLLARS

No.	DIAMETER	LGTH.

BIT RECORD

RUN No.	
SIZE	
MFG.	
TYPE	
SER. No.	
DEPTH OUT	
HOURS RUN	
FOOTAGE	
REAMER CUTTER No.	
TYPE	

TIME FROM	TIME TO	DRILLED FROM	DRILLED TO	FORMATION AND EXPLANATION

DEVIATION

DEPTH	DEGREES
	°
	°

MUD RECORD

TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED

TYPE	AMOUNT

DRLG. CREW PAYROLL — HRS.

DRILLER

DERRICK MAN

MOTOR MAN

HELPER

HELPER

HELPER

HELPER

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES.	PSI	PUMP PRES.	PSI	PUMP PRES.	PSI
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

BRINKERHOFF DRILLING COMPANY LTD.

CALGARY — EDMONTON

THIS IS THE _____ DAY FROM SPUD DATE

WELL	COMPANY	RIG No.	DATE

LSD.	SEC.	TWP.	RNGE.	W/ MER.	PROVINCE	TOOL PUSHER

MORNING TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED TYPE	AMOUNT

DRLG. CREW PAYROLL	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	
HELPER	

DAY TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.		
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN		
DRILL COLLARS			FOOTAGE		
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED TYPE	AMOUNT

DRLG. CREW PAYROLL	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	
HELPER	

EVENING TOUR

IN HOLE — END OF TOUR			BIT RECORD		
No.	PIPE SIZE	FEET	RUN No.	1	
	STAND. D.P.		SIZE		
	SNGLS. D.P.		MFG.		
	LNGTH. CLRS.		TYPE		
	KELLY IN		SER. No.		
	OTHER		DEPTH OUT		
	TOTAL		HOURS RUN	3 1/2	
DRILL COLLARS			FOOTAGE	102	
No.	DIAMETER	LGTH.	REAMER CUTTER No.		
			TYPE		

TIME FROM	TO	DRILLED FROM	TO	FORMATION AND EXPLANATION

DEVIATION DEPTH	DEGREES
	°
	°

MUD RECORD		
TIME		
WT.		
VISC.		
W. L. CC.		
FLTR. CK.		
P. H.		

MUD & CHEM. ADDED TYPE	AMOUNT

DRLG. CREW PAYROLL	HRS.
DRILLER	
DERRICK MAN	
MOTOR MAN	
HELPER	
HELPER	
HELPER	
HELPER	
HELPER	

REMARKS (REPAIRS. ACCIDENTS AND. ETC.)

SLUSH PUMP RECORD

MORNING TOUR		DAY TOUR		EVENING TOUR	
PUMP PRES. PSI		PUMP PRES. PSI		PUMP PRES. PSI	
ROT. R.P.M.		ROT. R.P.M.		ROT. R.P.M.	
POINTS WT.		POINTS WT.		POINTS WT.	
LINER SIZE		LINER SIZE		LINER SIZE	

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				Well Status	
Nova Scotia	☐	West Coast	☐	Suspended	☒
Newfoundland	☐	Northern	☒	Completed	☐
Gulf of St. Lawrence	☐	Hudson Bay	☐	Abandoned	☐

APPLICATION TO ALTER CONDITION OF A WELL

This application form is to be submitted in triplicate to the District Conservation Engineer at least 45 days before commencement of operations.

Well Name: Home Signal CSP Celibeta H-78 Area: 60-10-122-00

Coordinates: Lat: 60.12461 (60° 07' 29.31" N) Long: 122.22646 (122° 13' 35.25" W)

Operator: Amoco Canada Petroleum Co. Ltd. Contractor: Alberta Gold

Drilling Rig or Unit: Rig #3 Depth: 1254 m

Date ATDW Issued: December 26, 1959 Date of Last Operation March 26, 1960

UWI: 300H786010122000

TYPE OF OPERATION

Downhole Abandonment

SUMMARY OF PROPOSED OPERATIONS

Move in service rig, kill well and install BOP's. Retrieve tubing plug, unseat packer and POOH with tubing and packer. Rig in wireline unit and set bridge plug at 1125 mKB. Pressure test casing and bridge plug while monitoring surface casing pressure. If leakoff is noted, RIH with bridge plug/packer assembly to test individual sections of casing/liner for leaks. Any leaks will be remedied when encountered. RIH with tubing and circulate down 0.5 tonne cement on top of bridge plug. POOH and install new wellhead.

Signed: A.D. Pate Title: Sr. St. Drlg. Eng. Supervisor

Date: 1990-02-15 Company: Amoco Canada Petroleum Company Ltd.

APPROVAL

An approved copy of this notice should be posted at each wellsite.

Signed:
Conservation Engineer

Date: 90-03-15

ATDW No: 81 File: WID 156

60-10-122-00

Department of Energy, Mines and Resources | Ministère de l'Énergie, des Mines et des Ressources

Department of Indian Affairs and Northern Development | Ministère des Affaires indiennes et du Nord canadien

Canada

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D.A. 81

				Well Status	
Nova Scotia	☐	West Coast	☐	Suspended	☒
Newfoundland	☐	Northern	☒	Completed	☐
Gulf of St. Lawrence	☐	Hudson Bay	☐	Abandoned	☐

WELL TERMINATION RECORD

This record is submitted in triplicate in compliance with Section 184 of the Canada Oil and Gas Drilling Regulations.

WELL DATA

Well Name: Home Signal CSP Celibeta H-78 Area: Northwest Territories

Grid Area: 60-10-122-00 Field/Pool: Slave Point

Permit or Lease No.: N90A312 Final Coordinates: Lat. 60°07'29.31" N Long: 122°13'35.25"W

Drilling Unit: Roll'n 58 (Service Rig) Elevations-RT/KB: 488.9m SF/GL: 485.2m

Spud Date: 59-12-26 Rig Released: 60-03-24 Total Depth: 1254.3m

Re-enter: 90-03-23 R.R.: 90-03-25

CASING AND CEMENTING

O.D.:	Weight:	Grade:	Depth Set:	Cement and Additives:
339.7 mm	81.10 kg/m	J-55	99.7m	12.8 tonnes
244.5 mm	53.57 kg/m	J-55	317.0m	21.3t plus re-cement 1.2t
177.8 mm	34.22 kg/m	N-80	1131.4m	25.6t plus squeeze 8.5t
127.0 mm	22.32 kg/m	J-55	1156.4m	2.5 tonnes

PLUGGING PROGRAM

Approval of the following program was obtained by (person) A.D. Pate from

(person) M.D. Thomas of the Canada Oil and Gas Lands Administration by means of

ATDW No. 81 on March 15 19 90

Type of Plug:	Interval:	Felt:	Cement and Additives:
Bridge Plug	1112 m KB		
Cement cap	1102 m KB	Dump bailed	0.130 t. Class G

Lost Circulation/Overpressure Zones: Nil

Equipment left on Seafloor (Describe): Nil

Provision for Re-entry (Describe and attach sketch): --

Cores: Type: Conventional Intervals: 1169.8 to 1254.3 m KB

Other Downhole Completion/Suspension Equipment: Bridge plug at 1154.53 m KB
Perfs 1139.3 - 1145.4 and 1150.3 - 1153.4 m KB

CERTIFICATION

I certify on the basis of personal knowledge of operations undertaken at the above named well that the above information is accurate.

Signed: ..... P. Eng.

Name: A. D. Pate

Title: Sr. Drlg. Eng. Superyiso)

Date: 90-03-28

Acknowledged by: ..... Engineering Branch

Date: 90-04-03

File: WID-156

Department of Energy, Mines and Resources | Ministère de l'Énergie, des Mines et des Ressources

Department of Indian Affairs and Northern Development | Ministère des Affaires indiennes et du Nord canadien

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