

BANFF AQUIT

GPD OSCAR

CREK - H-71

Drilling Authority No. 445
Date Issued 31 July 1970

WELL NAME Banff Aquit. GPD Oscar Creek H-71
FIELD
LOCATION: Unit H Area: 71
Section 71 Grid 65-40-127-00
Latitude 65-30-20 Longitude 127-13-26
U.W.L.R. 65.50556 — 127.22389
U.W.I. 300H716540127000

Rig Release Date:
Status:
Information Release Date:

CHANGE OF NAME:

DATE RECEIVED	INDEX
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CEMENTING RECORD (Plug, Squeeze, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
Sept. 5, 1970	1416'	816'	170 sax Oilwell 230 sax Oilwell; Felt @ 130'.								
	816'	Surface	Surface casing was cut 3 feet below ground and a steel plate was welded on. A five-foot riser with an identification plate was installed.								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	L.S.L. Mins.	F.S.L. Mins.	L.S.L.H.P.	F.S.L.H.P.	L.F.H.F.	F.F.H.P.	L.H.P.	F.H.P.	REMARKS
1	9/14/70	Gossage	1050'	1416'	120	60	120	347	292	27	27	520	520	Rec. 10' Drilling Mud
Pressures reported are field figures.														

Lab. No.	Sample	From	To	Source	Remarks
N/A					

PRESENT STATUS OF WELL			
Oil			(Interval)
Gas			(Interval)
Dry			
Susp.			

Company	Banff Oil Ltd.
Signed by	<i>A.M. Bayard</i>
Title	Drilling Superintendent
Date	January 13, 1971



File No. 449
Drilling Authority No.

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

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

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

Name and number of well Banff Aquit. GPD Oscar Creek H-71

Location: Unit U Section 71 Grid 65°40'--127°00'

Latitude 65°30'20"N

Longitude 127°13'26"W

From Established Reference Marker

300H716540127000

Universal Well Location Reference 65.505560N

127.223890W

Permit No. 4280

Lease No. Nil

Great Plains Development Company of Canada, Ltd.

(Permitter, Licensee, Lessee)

Date of commencement of proposed program September 5, 1970

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at Nil

Gas at Nil

Water at Nil

Total Depth 1416

Date of last operations

September 5, 1970

Present condition of well Plugged & Abandoned

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At	Sacks of Cement and Additives	Amount Filled
1. <u>7-5/8"</u>	<u>26.44</u>	<u>557'</u>	<u>567'</u>	<u>370 sx oilwell + 3% CACl₂</u>	<u>Nil</u>
2. <u>Conductor Pipe</u>			<u>50'</u>	<u>20 sacks cement + 1 sack Calceal + 2% Gelling</u>	<u>Washed out.</u>
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

No.	Plug Position	Geological Formation	Number of Sacks of Cement	Remarks
<u>1</u>	<u>T.D. - Surface</u>	<u>Bea- Rock</u>	<u>400 sx.</u>	<u>2 stages. Cut off csg. 3' below ground level. Weld on plate.</u>

The following logs have been run IES, BHC - SGRC, FDC.

Other operations proposed Nil

Operations to be carried out by W. C. Trimble Drlg. Ltd Contractor Licence No. 863

Address 839 - 6 Ave. S.W., Calgary, Alta. Address

Responsible Agent in field R. T. Russell

Dated at Calgary, Alberta

, this 25

Day of September

1970

Signed by W. M. Boyuk

Company

Banff Oil Ltd.

Title Drilling Superintendent

Operator's Exploratory Licence No.

2640

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

(For OIL AND MINERAL DIVISION use only)

APPROVAL

~~Disposing of well, including operations, identification marker, as~~
given by Mr. G. E. Elze on the 14th September 1970.

Dated Sept 29, 19 70

LAND 52-90 (5) 12-69)

J. E. Blue
Oil Conservation Engineer

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

Drilling Authority No. 245

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

Application for a Drilling Authority

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

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

Name and number of well **Banff Aquit GPD Oscar Creek H-71**
 Location: Unit **H** Section **71** Grid **65°-40', 127°-00'**
 Latitude **65°30'20"N** Longitude **127°13'26"W**
 Unique Well Identifier **300H716540127000**
 Universal Well Location Reference **65.50556°N, 127.22389°W**
 Elevation: Ground **750' (Est)** K.B. **759' (Est)** feet above sea-level.
 Well is expected to produce from **Kee Scarp and Hume** formation at a depth
 of about **2,300** feet. Expected total final depth **2,300'**
 Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. **4280** Lease No. **N11** Acreage **26,533**
 Permittee, licensee, or lessee **Great Plains Development Company of Canada**
 Exploratory Licence No. **1640**
 Surface owned by Crown or **Crown**

(If allocated surface, name and address of owner and occupant.)

Petroleum and natural-gas rights owned by **Crown**

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

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Ends of Cement
1. 7-5/8"	26.40	N-80	New	800'	To surface
2.					
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment. Anticipated reservoir rock is **Kee Scarp and Hume**; to be controlled by drilling mud of adequate weight and blowout preventers described as follows: **1 Cameron 6" Series 1500 double gate, 1 Hydril 6" Series 900**

Well will be drilled with Rotary Rig No. **9** by **W.C. Trimble Drilling Ltd.**
839 - 6th Avenue S.W., CALGARY, Alberta
 (Drilling Contractor or company)

Responsible agent of applicant:— **Robert Schwab** Contractor's Business Licence No. **863**
 At well **550 - 6th Avenue S.W., Calgary** Address **550 - 6th Avenue S.W., Calgary, Alberta**
 Address **550 - 6th Avenue S.W., Calgary, Alberta**
 It is understood that if changes become necessary, notice of the change of plan will be submitted.
 Dated at **Calgary, Alberta** this **31st** day of **July** 19 **70**
 Signed by **R. J. White** Company **Banff Oil Ltd.**
 Title **President** Operator's Licence No. **1636**

(For Oil and Mineral Division use only)

APPROVED

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

1. The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.
2. During well drilling and testing operations, every effort shall be made to ensure

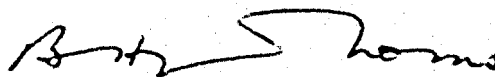
Dated **31st July** 19 **70** Please see over page

Oil Conservation Engineer

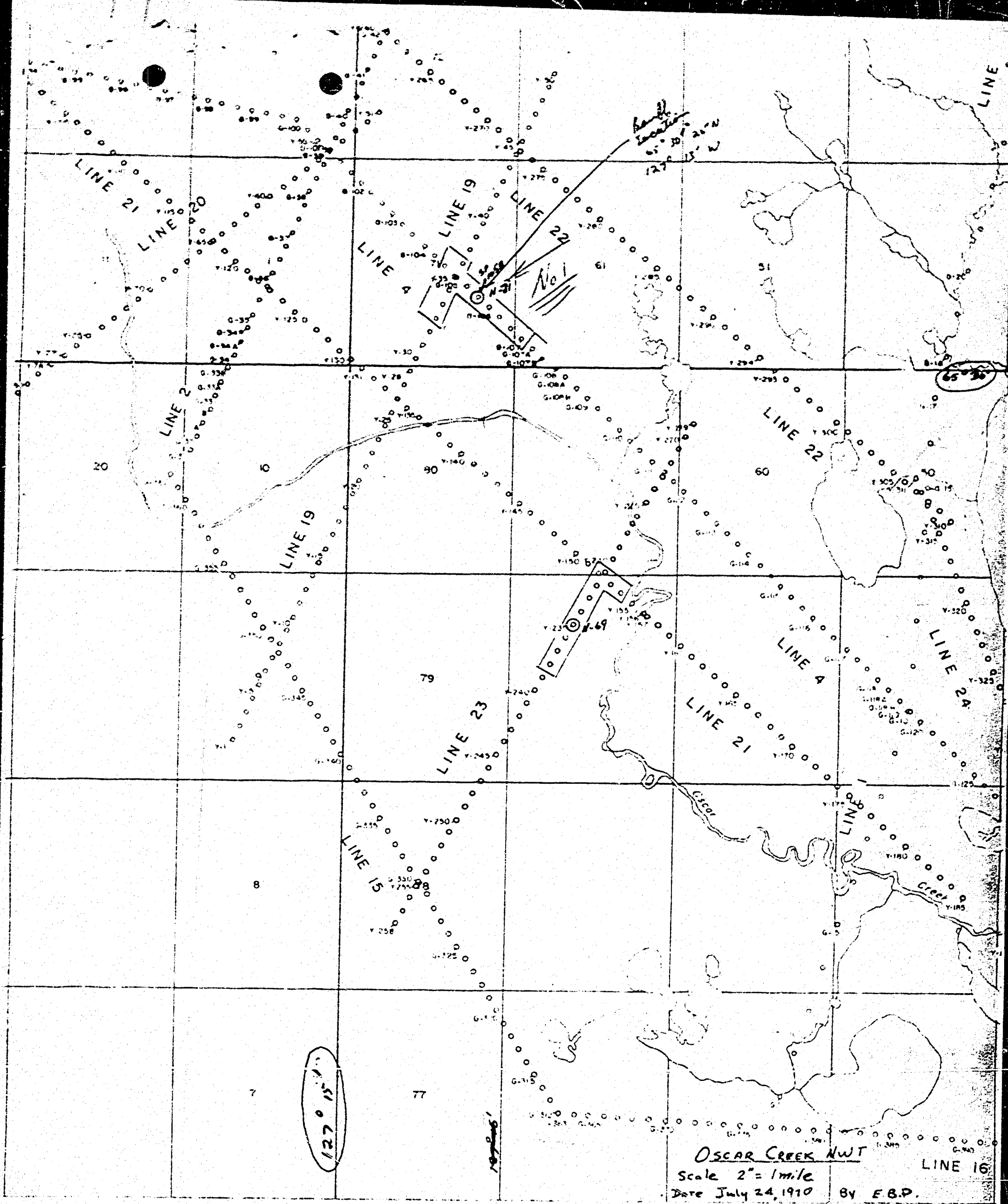
Forms to be submitted to Oil Conservation Engineer,
Department of Indian Affairs and Northern Development, Calgary, Alberta.

that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

3. We draw your attention to Sections 95 and 96 of the Canada Oil and Gas Land Regulations.
4. Intermediate and production strings of casing are to receive the approval of the Oil Conservation Engineer prior to running.



B.H.J. Thoms, Oil Conservation Engineer



OSCAR CREEK NWT
Scale 2" = 1 mile
Date July 24, 1910 By E.B.P.

WELL HISTORY

Banff Aquit GPD Oscar Creek H-71

NOVEMBER 1970

216-11-5-22

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Banft Aquit GFD Oscar Creek H-71

216-11-5-22

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FINAL PRINTS OF LOGS



WELL HISTORY REPORT

Banff Aquit GPD Oscar Creek H-71

SECTION I - Summary of Well Data

- (a) Well Name and Number: Banff Aquit GPD Oscar Creek H-71
- (b) Permittee: Great Plains Development Company of Canada
- (c) Name of Operator: Banff Oil Ltd.
550 - 6th Avenue S.W.
CALGARY 1, Alberta
- (d) Location: Unit H, Section 71, Grid 65°-40', 127°-00'
Unique Well Identifier: 300H716540127000
Universal well Location Reference: 65.50556°N
127.22389°W
- (e) Co-ordinates: Latitude: 65°30'20"N
Longitude: 127°13'26"W
- (f) Permit No.: 4280
- (g) Drilling Contractor: W.C. Trimble Drilling Ltd.
839 - 6th Avenue S.W.
CALGARY 1, Alberta

Rig No. 9, Brewster N-4
- (h) Drilling Authority: Number 445
Date Issued: July 31, 1970
- (i) Classification: Wildcat
- (j) Elevations: Ground: 760'
K.B.: 770'
- (k) Spudded: August 22, 1970, 1:30 a.m.
- (l) Completed Drilling: September 2, 1970
- (m) Total Depth: 1,416'
- (n) Well Status: Plugged and Abandoned
- (o) Rig Released: September 5, 1970, 6:00 p.m.
- (p) Hole Sizes: 11" to 567'; 6-3/4" to 1,416'
- (q) Casing: 7-5/8" surface casing set @ 567'
Conductor Pipe set at 33'

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SECTION II - Geological Summary

- (a) Formation Tops: See "Geological Marker Report" attached
- (b) Cored Intervals: See "Core Report" attached
- (c) Core Descriptions: Included in "Geological Sample Descriptions" attached
- (d) Sample Descriptions: See "Geological Sample Descriptions" attached
- (e) Paleontological Determinations: Not applicable

GEOLOGICAL MARKER REPORT

WELL NAME. Banff Aquifer GPD Oscar Creek H-71 LOCATION Unit H, Section 71,
Grid 65°-40', 127°-00'

REMARKS: No samples on surface hole. Conductor pipe washed out and had to circulate through cellar recycling many cuttings.

REMARKS: No samples on surface hole. Conductor pipe washed out and had to circulate through cellar recycling many cuttings.

		GEOLOGICAL SAMPLE DESCRIPTION				Sheet No. 1
From	To	Cut C Ortho	No. of Ft. Perfor	No. of Ft. Non-Perfor	Sp. Grains O.G.W.	Banff Aquit GPD Oscar Creek H-71
Surface	567	D				No samples except a few grab samples. Conductor pipe washed out and had to circulate through cellar. Grab samples could not be interpreted due to re-cycling.
567	580	D				No samples taken.
580	590	D	10			Shale, red, slightly silty with abundant chert or quartz fragments. (Poor sample; grabbed from flowline.)
590	650	D				No samples off shaker. Probably very fine silt(?). Coarse screen on shaker and pulverizing of cuttings by collars inside casing probable reason for no retention.
650	660	D	10			Sandstone, varicolored, fine to coarse grained, unconsolidated but cemented in part. <u>CANOL -- 660'</u>
660	670	D	10			Shale, black, carbonaceous, coaly in part.
670	690	D	20			Shale, black, carbonaceous, bituminous.
690	734	D	2	42		Shale, black, carbonaceous with light grey, fine grained sandstone near top with poor porosity, becoming silty near base and slightly calcareous. <u>KEE SCARP -- 734'</u>
734	739	D	5			Limestone, light brown, microcrystalline, argillaceous, ostracods and tentaculites in small numbers. <u>CORE #1; 739' - 742', recovered 3'</u>
739	742	C	3			Limestone, light brown, microcrystalline; interbedded with shale, medium grey-green and very calcareous; shale interbeds irregular and deformed; up to 10% brachiopods, crinoids and ostracods in limestone.
742	760	D	18			Limestone, as in core with shale interbeds probable.
760	780	D	20			Shale, medium grey-green, slightly calcareous and very soft.
780	860	D	80			Limestone, medium to light brown, micritic, argillaceous in part, some ostracods, rare other fossils; traces of pyrite and calcite crystals.

SAMPLES NOT LAGGED

~~SAMPLES NOT LAGGED~~

(Delete as Appropriate)

GEOLOGICAL SAMPLE DESCRIPTION						Sheet No. 2
From	To	Core C Ditch D	No. of Ft. Perfor.	No. of Ft. Non-Perfor.	Surveys to G.W.	Banff Aquit CPD Oscar Creek H-71
860	980	D	120			<u>KEE SCARP PLATFORM MEMBER -- 860'</u> Limestone, dark brown, 40% argillaceous at top, decreasing towards base. <u>HARE INDIAN -- 980'</u> <u>CORE #2, 980' - 990', recovered 9.5'</u>
980	1000	C Tr D	20	0		Shale, grey-green, very calcareous, fissile; interbedded with limestone, grey-brown, micritic, with some skeletal coquina; petroliferous odor, bleeding in a few spots. <u>HUME -- 1,000'</u>
1000	1040	D	40			Limestone, medium brown, micritic, calcite crystals abundant, argillaceous. <u>GOSSAGE -- 1,040'</u>
1040	1160	D	10	110	0	Dolomite, dark brown, very finely crystalline calcite crystals common, abundant bitumen in basal part, infilling porosity; poor porosity near 1055', 1067', 1073' and 1149'; fair porosity and oil stain and florescence @ 1111'. <u>BEAR ROCK -- 1,160'</u>
1160	1416	D	256			Anhydrite, light tan-white, earthy near top becoming more dense towards middle and lower part; dolomite interbeds or dolomitic anhydrite bands throughout all but top 30 feet. DRILLER'S TOTAL DEPTH: 1,416'

SAMPLES NOT LAGGED

~~SAMPLES LAGGED XXXXXXXX~~

(Delete as Appropriate)

SECTION
III

SECTION III - Engineering Summary

- (a) Report of Drill Stem Tests: See "Drill Stem Test Summary" and "Drill Stem Data Sheet" attached
- (b) Casing Record: See "Casing Information", "Running and Cementing" and "Engineering Pipe Tally" attached
- (c) Bit Record: See "Bit Record" attached
- (d) Mud Report: See "Mud and Additive Summary" attached
- (e) Deviation Record: See "Deviation Survey Report" attached
- (f) Abandonment Plugs: See "Plug-Back and Abandonment Report" attached
- (g) Lost Circulation Zones: Not applicable
- (h) Report of Blowouts: Not applicable

BANFF OIL LTD.

DRILL STEM TEST SUMMARY

WELL NAME Banff Aquit GPD Oscar Creek H-71 LOCATION Unit H, Section 71,
Grid 65°-40', 127°-00'

TEST NO 1 DATE Sept. 4/70 INTERVAL 1,050'-1,416' FORMATION Gossage

VALVE OPEN 120 Mins SHUT-IN 60 / 120 Mins

BLOW Weak air blow dying in 25 minutes; then resuming weakly after another
20 minutes to end of test.

FLUID TO SURFACE Nil

RECOVERY 10' drilling mud (Recovery filtrate 1650 ppm NaCl; mud filtrate 600 ppm
NaCl)

* IHP 520 IFP 27 ISIP 347 TEMP Less than 70°F
 FHP 520 FFP 27 FSIP 292

TEST NO _____ DATE _____ INTERVAL _____ FORMATION _____

VALVE OPEN: _____ Mins SHUT-IN: _____ / _____ Mins

BLOW: _____

* Pressures reported are field figures.

FLUID TO SURFACE: _____

RECOVERY: _____

IHP _____ IFP _____ ISIP _____ TEMP _____

FHP _____ FFP _____ FSIP _____

TEST NO _____ DATE _____ INTERVAL _____ FORMATION _____

VALVE OPEN: _____ Mins SHUT-IN: _____ / _____ Mins

BLOW: _____

FLUID TO SURFACE: _____

RECOVERY: _____

IHP _____ IFP _____ ISIP _____ TEMP _____

FHP _____ FFP _____ FSIP _____

TEST NO _____ DATE _____ INTERVAL _____ FORMATION _____

VALVE OPEN: _____ Mins SHUT-IN: _____ / _____ Mins

BLOW: _____

FLUID TO SURFACE: _____

RECOVERY: _____

IHP _____ IFP _____ ISIP _____ TEMP _____

FHP _____ FFP _____ FSIP _____

TEST NO _____ DATE _____ INTERVAL _____ FORMATION _____

VALVE OPEN: _____ Mins SHUT-IN: _____ / _____ Mins

BLOW: _____

FLUID TO SURFACE: _____

RECOVERY: _____

IHP _____ IFP _____ ISIP _____ TEMP _____

FHP _____ FFP _____ FSIP _____

BANFF OIL LTD.

DRILL STEM TEST DATA SHEET

TEST NO. 1

DATE September 4, 1970

WELL NAME Banff Aquit GPD Oscar Creek H-71 LOCATION Unit H, Section 71
Grid 65°-40', 127°-00'

TEST DATA:

INTERVAL 1,050' - 1,416' SUB-SEA -280' RO. -646' FORMATION Cossage
 BLOW (Describe) Weak air blow decreasing on preflow; dying in 25 minutes; then
resuming weakly after 20 minutes to end of test.

Gas to Surface Nil Mins. Max. Rate (Measure) (Est.) Mcf/day
 Describe Gas: Sweet Sour Was Flare Lit
 Describe Build-up, etc.

FLUID TO SURFACE (Record Times & Describe Fluid) Nil

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

Mud: 10' drilling mud; (recovery filtrate 1650 ppm NaCl, mud filtrate
Water: 600 ppm NaCl)
 Oil:

Remarks: (Special Samples, Sampling Points, Samples Retained, Etc.)
Sample taken and checked for salinity; retained.

RECORD OF FIELD PRESSURES AND TIMES:

Started in Hole	<u>6:30 a.m.</u>	Out of Hole	<u>2:00 p.m.</u>
Initial Hydrostatic		Pressure	<u>520</u> psi
Valve Open (Initial)	<u>7</u>	Mins. Pressure	
Initial Shut-in	<u>60</u>	Mins. Pressure	<u>347</u> psi
Valve Open	<u>120</u>	Mins. Pressure (initial)	<u>27</u> (final) <u>27</u> psi
Final Shut-in	<u>120</u>	Mins. Pressure	<u>292</u> psi
Final Hydrostatic		Pressure	<u>520</u> psi
Temperature	<u>Less than 70°F</u>		
Remarks	<u>Inside recorder @ 1,034'</u>		

MOLE DATA:

Hole Size & Depth 6-3/4": 1,416' Mud Wt. 9.3 Visc. 41 W.L. 13.9

TESTING EQUIPMENT:

Testing Co. Halliburton Ticket No. 19302
 Packer(s) No. 2 Size 5-1/2" Choke (B.H.) 5/8"
 Drill Pipe Size: 3-1/2" IF Drill Collars: Amit 180' LD. 2-3/8"
 Recorders: (No. & Type) 2, AK-1 180' 2-11/16"
 Special Equipment: (Underline) MFE Tool, Jars, Safety Joint, Pump Out, Sub, Straddle By-Pass,
Etc. Bottom Hole Sampler

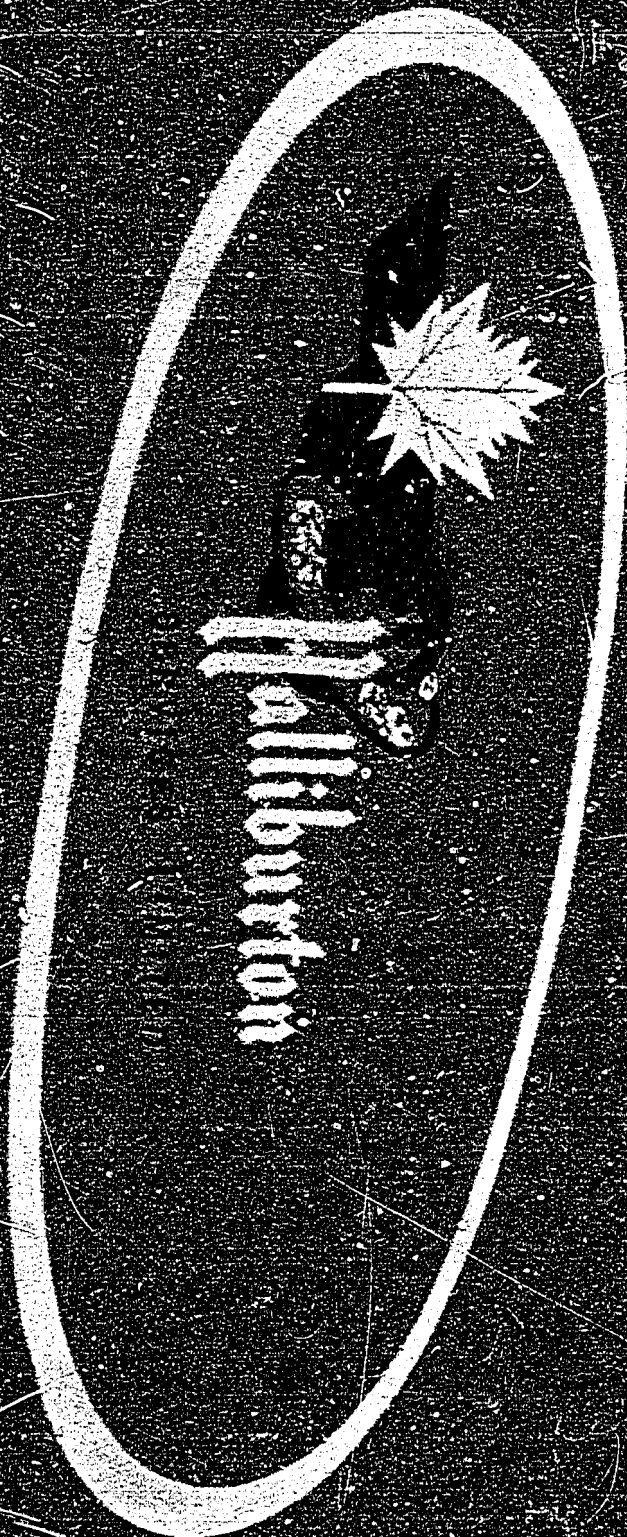
REMARKS ON TEST: (Misrun, Disposition of Samples - Charts, Hole Problems, etc.)

Reset tool after 18 minutes; losing about 1 gal mud from annulus and confirmed
tool position. Inside and outside recorders parallel each other.

COMPANY REPRESENTATIVE J.R. Knight

Your....

Formation Testing Service Report



LEGAL DESCRIPTION 65 30'20.00
127 13'26.00

FIELD OR AREA NORMAN WELLS

PROVINCE N.W.T.

Lease Name

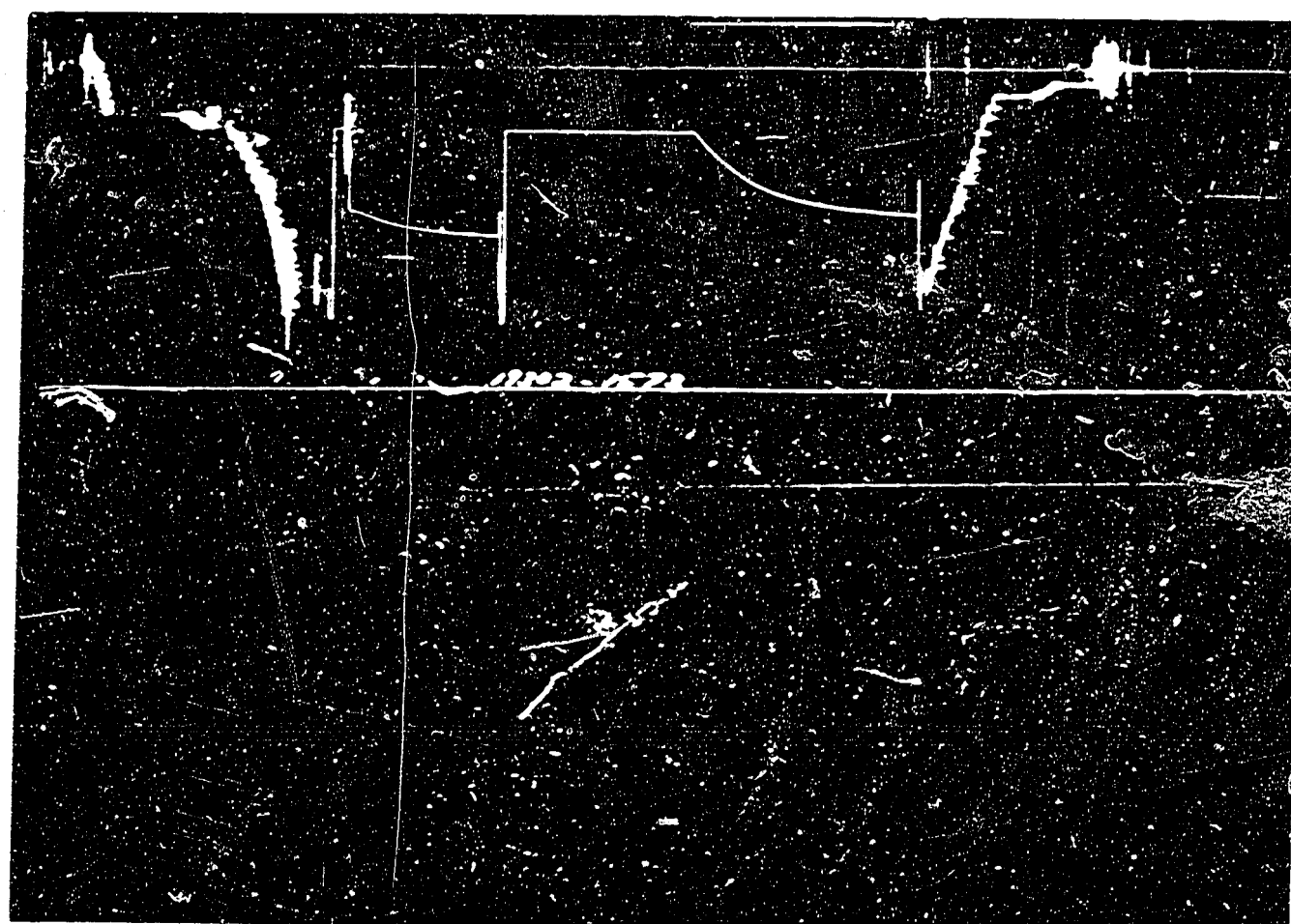
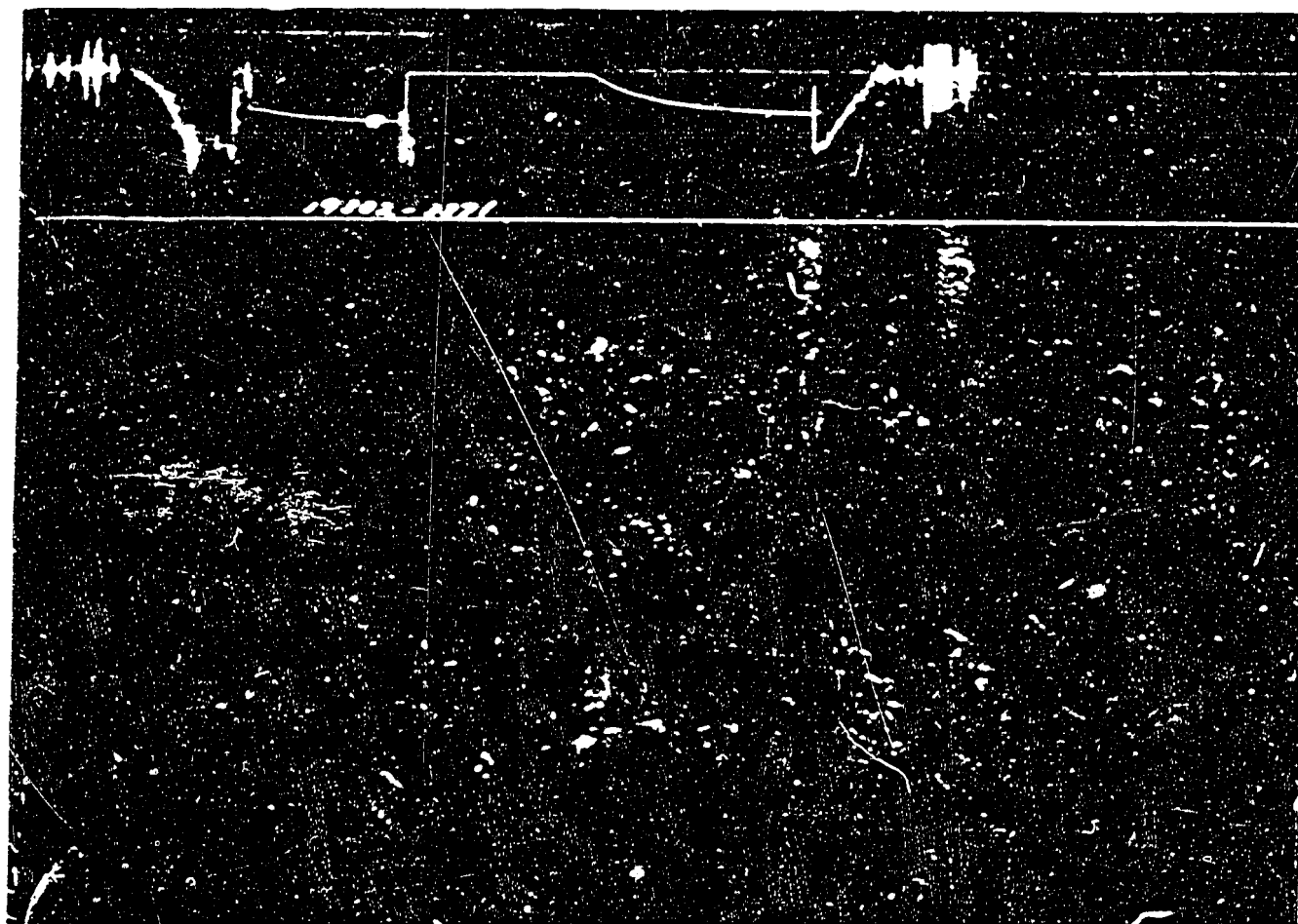
Well No.

Test No.

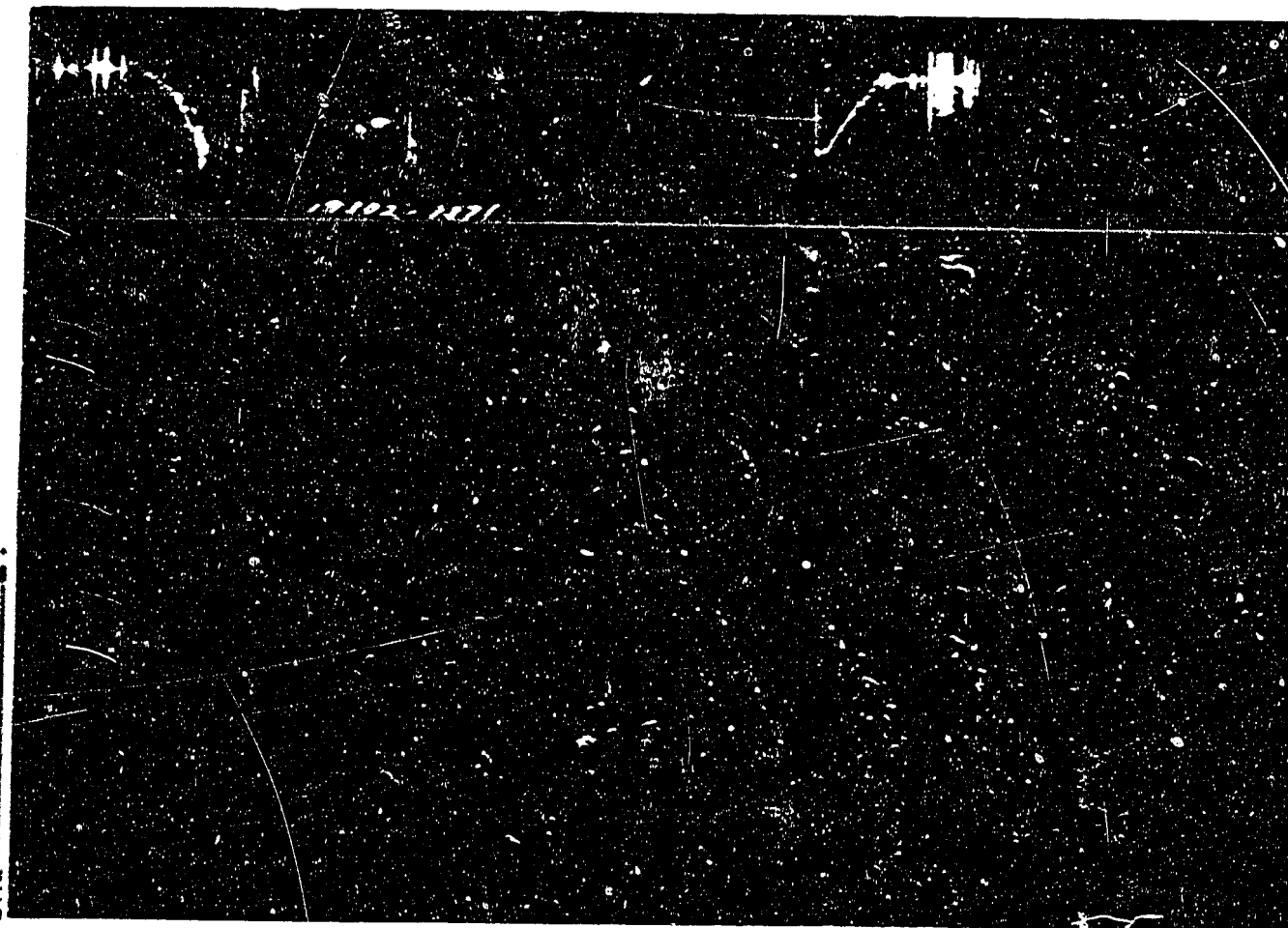
Operator's District

Lease Owner

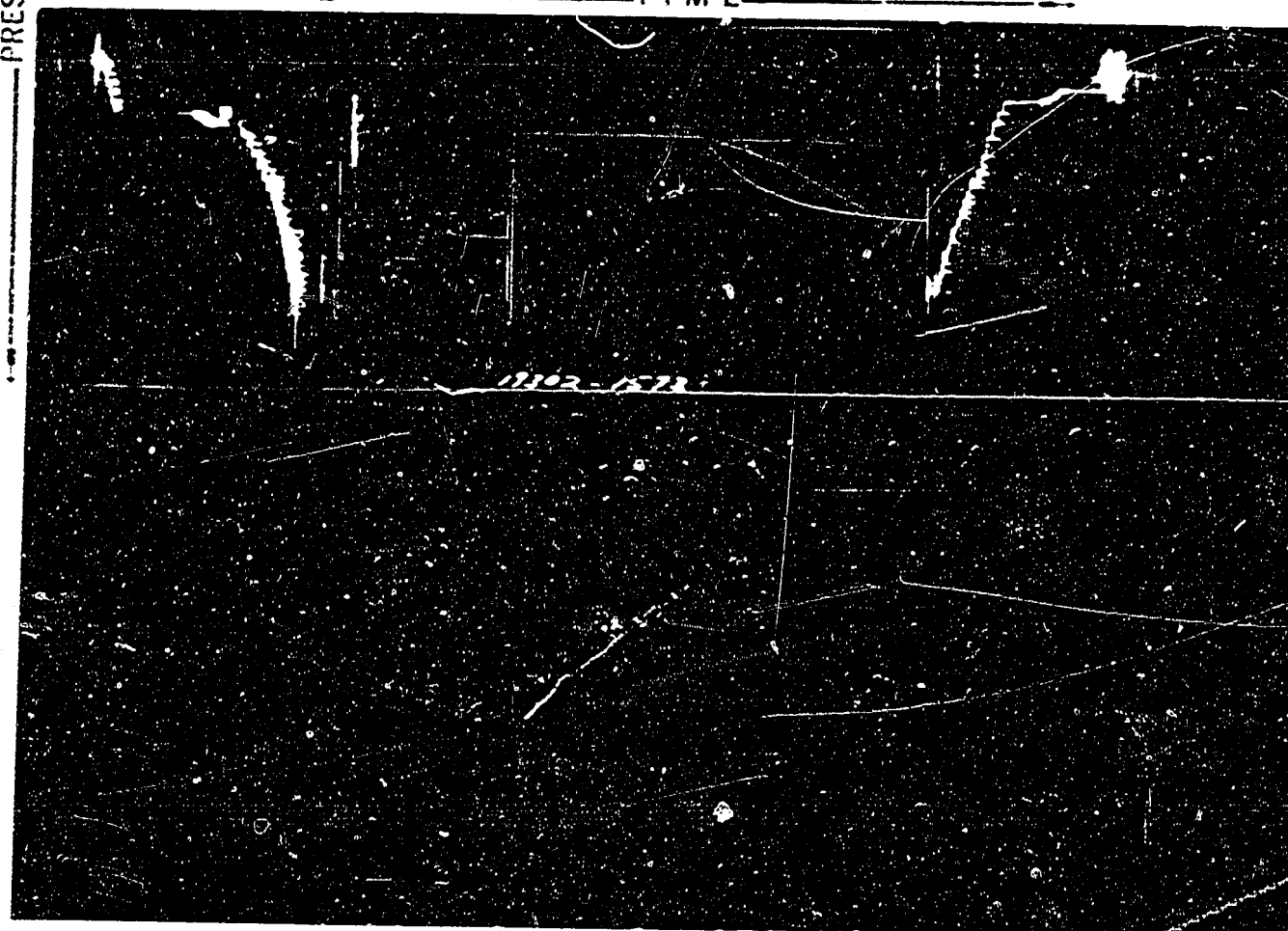
Depth Top Gauge	1034	Blanked Off	No	Date	September 4, 1970	Ticket No.	19302
BT P.R.D. No.	3371	12	Mr. Clock	Kind of Job	Dual Btm. Hole	HOWCO District	High Level
Pressure Readings	Field	Office Corrected		Tester	W. Wolodko	Witness	R. Knight
Initial Hydro Mud Pressure	520	496		Contractor	W. C. Trimble Drilling Ltd.		
Initial Closed in Pressure	347	337		K.B. Elevation	Top Packer Depth	1050	Bottom Packer Depth
Initial Flow Pressure	27	19		Total Depth	1416	Casing Perforations	Top Bottom
Final Flow Pressure	27	19		Interval Tested	1050 - 1416	Formation Tested	-
Final Closed in Pressure	292	270		Casing or Hole Size	6 3/4	Liner or Rathole Size	
Final Hydro Mud Pressure	520	496		Size Surface Choke	3 1/2	Size Bottom Choke	5/8" Size and Type Well Packer 5 1/2" ES
Depth Centre Gauge		Blanked Off		Size Drill Pipe	3 1/2 IF	ID and Length Drill Collars	1 7/8" x 326'
BT P.R.D. No.			Mr. Clock	Anchor I.D.		Amount-Type of Cushion	
Pressure Readings	Field	Office Corrected		Gauge Depth Temp.	60	*F. meas. Mud *F. ext. Weight	9.3 Mud Viscosity 37
Initial Hydro Mud Pressure				All Depths Measured From	K.B.	No. Folders Reproduced	5
Initial Closed in Pressure				Time Periods (Minutes)			
Initial Flow Pressure				1st Flow	7	Initial CIP	60 2nd Flow 120 Final CIP 120
Final Flow Pressure				Recovered	10	Feet of	Mud
Final Closed in Pressure				Recovered		Feet of	
Final Hydro Mud Pressure				Recovered		Feet of	
Depth Bottom Gauge	1412	Blanked Off	Yes	Oil Recovery Degrees API		Water Recovery Specific Gravity	
BT P.R.D. No.	1573	12	Mr. Clock	REMARKS: Tool open at 7:20 A.M. with weak air			
Pressure Readings	Field	Office Corrected		blow decreasing to very weak in 7 minutes.			
Initial Hydro Mud Pressure	686	681		Tool shut in at 7:27 A.M. Open at 8:27 A.M.			
Initial Closed in Pressure	516	524		with no blow. Tool reset at 8:45. Lost 1gal			
Initial Flow Pressure	201	203		mud at surface. Opened with very weak blow			
Final Flow Pressure	201	204		dead in 25 minutes. Blow remained dead for			
Final Closed in Pressure	457	457		20 minutes then blew very weakly through out			
Final Hydro Mud Pressure	686	680		test. Tool shut in at 10:27. Pulled loose			
at 12:27.							



PRESSURE



TIME



Each Horizontal Line Equal to 1000 p.s.i.

Banff Oil Ltd.

CASING INFORMATION

Surface Casing
 Intermediate Casing O.D. 7-5/8"
 Production Casing
 Liner

Well Banff Aquit GPD Oscar Creek H-71 Location Unit H, Sec. 71, Date August 25, 1970
 Grid 65°-40', 127°-00'

Jts. on Locat.	Ft. on Locat.	Csg. Wt.	Gr.	Rge.	Thd.	T.&C.	Make	Jts. Run	Depth Landed	Ft. Run in Well
21	823.60	26.4#	N80	3	8 Rd	LT&C	Mann.	14	567.58	568.75

Shoe: Make <u>Howco Super Seal</u>	Type <u>Float</u>	Length	1.80
Collar: Make <u>Howco Super Seal</u>	Type <u>Float "E"</u>	Length	1.58
Landing Joint (when used) Length			
Overall Length of Casing String			572.13
Feet up from K.B. (Subtract)			4.55
Setting Depth:	By Driller <u>567'</u>	By Tally	567.58
Shoe Joint:	Overall <u>43'</u>	(Subtract)	43.03
Float Collar Landed:	By Driller <u>524'</u>	By Tally	524.55

CENTRALIZERS

Make HowcoNumber 3Positions 562', 488', and 405'No. of Collars Welded Thread locked shoe and collar

SCRATCHERS

Make N11Number Positions

Remarks: Also set Conductor Pipe comprised of 10-gallon barrels set @ 33' with
20 sacks oilwell cement + 5 sacks Calseal + 2% CaCl₂.

Agent of Operator R.J. Knight

Banff Oil Ltd.

RUNNING AND CEMENTING

Surface Casing
~~Intermediate Casing~~ O.D. 7-5/8"
~~Production Casing~~
 Lance

GENERAL

Well Banff Aquit GPD Oscar Creek Location Unit H, Section 71. Date August 26, 1970
H-71 Grid 65°-40', 127°-00'

K.B. Elevation 770' K.B. Csg. Flge. _____ Total Depth (Driller) 567'

Hole Size	11"			Casing in Hole		
Depth	567'			Depth Set		

Mud: Type Gel Wt. 9.5 Visc. 100 W.L. _____

B.O.P.'s N11

RUNNING

Power Tongs N11 Torque: Max. _____ Nom. _____ Min. _____

Time pipe started 4:30 a.m. Time on Bottom 6:30 a.m. Time Circulated 30 minutes

Fill-up Points 200' and 400' Btm. by Csg. 567.58' Ft. up from K.B. 4.55'

Remarks Made up with 4 wraps on cathead. All joints made up within one thread turn
plus or minus of last thread scratch with rope.

CEMENTING

Cement Co. Halliburton Operator W. Wolodko Time on Location _____

Types & Quantities of Cement 370 sx oilwell + 3% CaCl₂

Ht. to be Cemented To surface

Water ahead N11 bbls. Mix Times: Start 8:05 a.m. Finish 8:50 a.m. Slurry Wt. 16.4 ppg

Calc. Disp. 25.2 bbls. Est. Disp. Time 15 Mins. Start 9:05 a.m. Finish 9:20 a.m.

Max. Pumping Press. 100 Bump. Press 1000 Bumped by Halliburton No. Times Bumped 1

Cement Returns: Yes/~~XX~~ Remarks Estimated 3 bbls.

LANDING

Time Landed _____ Date _____ Init. Wt. of Cem. String (less blocks) _____

Wt. Landed in Slips _____ Make of Bowl _____ Nom. Size _____ Series _____

Slip & Seal Assembly _____ Remarks _____

Agent of Operator R.J. Knight

Banff Oil Ltd.

ENGINEERING PIPE TALLY SHEET

WELL NAME Banff Aquit GPD Oscar Creek H-71

DATE August 25, 1970

39	65	39	40	*					
36	87								
42	19								
40	12								
42	23								
41	85								
41	91								
35	19								
39	41								
42	07								
38	17								
42	22								
36	74								
41	29								
40	38								
40	39								
35	44								
35	65								
35	73								
36	70								
784	20	39	40						

FOREIGN CASING

O.D. 7-5/8"

WL 26.4#

Grade N-80

Range 3

Thread 8 Rd

Collar LT&C

Make Mann.

SUMMARY		
Col. 1	784	20
2	39	40
3		
4		
5		
	823	60
Fwd.		
Fwd.		
Fwd.		
	823	60
	254	85
	568	75

Tallied by: J.R. Knight

21 Tot. Jts. on location

7 Jts. out (Incl. Ldg. Jt.)

14 Jts. perm. in hole

Remarks:

* Joints left out

Agent of Operator R.J. Knight

MUD AND ADDITIVE SUMMARY

Banff Aquit GPD Oscar Creek H-71

Well Name

Page 1

Date	Hour	Depth	Mud wt	Viscosity	Water Loss	pH	Filter Cone	Gel Strength	YP/PV	Kelsan Al	Gel	Caustic	Plaster	Additive Dowicide	Bicarb	Sawdust	Quick-Seal
Aug. 23	3	82'	8.5								500#					10 sx	1 sx
Aug. 24	1	155'	9.0	85													
	2	236'	9.5	95							1000#						
	3	302'	9.5	80							1000#						
Aug. 25	1	461'		95							1000#					5 sx	
	2	537'	9.5	80							400#					10 sx	1 sx
	3	567'	9.5	100													
Aug. 26	1	567'	9.5	100													
	2	567'															
	3	567'															
Aug. 27	1	567'															
	2	567'															
	3	567'															
Aug. 28	1	620'	8.4	37	13.0	11.0	2	6/ 8	10/ 9	100#	300#	100#		25#	200#		
	2	726'	8.6	36	12.0	10.5	2			50#	200#			10#			
	3	739'	8.7	37	12.0	10.5	2										
Aug. 29	1	742'	8.6	38	11.2	10.5	2	9/12	14/11	50#	200#			20#			
	2	791'	8.7	34	12.6	10.5	2										
	3	848'	8.7	35	14.6	10.5	2	5/ 7	8/ 8	50#	200#			10#			
Aug. 30	1	965'	9.0	36	9.4	8.5	2	2/ 4	15/ 6	150#	400#						
	2	988'	8.9	35	12.0	10.0	2			50#	100#						
	3	1,062'	9.0	42	8.4	9.0	2			50#	100#	50#	150#	4#			
Aug. 31	1	1,122'	9.1	37	12.0	9.0	2	7/15	21/11								
	2	1,168'	9.2	37	10.9	10.5	2					25#					
	3	1,228'	9.3	40	16.0	10.5	2	6/12	16/12	50#	100#	25#	50#	4#			
Sept. 1	1	1,288'	9.3	43	11.6	9.0	2										
	2	1,333'	9.3	42	15.4	10.0	2	12/17	23/16	100#							
	3	1,380'	9.3	42	14.4	9.0	2										
Sept. 2	1	1,407'	9.5	43	15.4	10.0	2	15/25	26/13	50#							
	2	1,416'	9.5	47	14.6	9.0	2			50#							
	3	1,416'	9.4	42	14.0	9.0	2										
Sept. 3	1	1,416'	9.3	43	13.0	9.0	2	17/29	32/16	50#							
	2	1,416'															
	3	1,416'															

FORM NO. 166 REV. (1) Banff Oil L

TOTALS

800#

5500#

200#

200#

73#

200#

25 sx

2 sx

Banff Oil Ltd. PLUG-BACK AND ABANDONMENT REPORT

Well Banff Aquit GPD Oscar Creek H-71Location Unit H, Section 71,Grid 65°-40', 127°-00'K.B. Elev. 770'

Hole Size	11"	6-3/4"		
Depth	567'	1,416'		

F.T.D. 1,416'

Casing in Hole	Size	Set at	Top of Cement
Surface Casing	7-5/8"	567'	Surface
Production String			

Fluid in Hole Drilling mudPlug Back String 3-1/2" IF Drill PipeService Company Halliburton

Cons. Bd. Officer _____

	Plug #1	Plug #2	Plug #3	Plug #4	Plug #5	Plug #6
Date <u>Sept. 5/70</u>	1st stage	2nd stage				
Interval — Top Bottom	816' 1416'	Surface 816'				
Formation — Name Depth	All	All				
Calipered Hole Size (Average)	7"	7-1/4"				
Type of Cement	Oilwell	Oilwell				
Number of Sacks	170	230				
Additives	Nil	Nil				
Bbls. of Water Ahead	8	10				
Displacement — Bbls. Water Bbls. Mud	5 Nil	Nil Cement to surface, 15 sx				
Slurry Weight	15.0	15.4				
Mixing Times — Start Finish	10:55 a.m. 11:15 a.m.	11:30 a.m. 11:55 a.m.				
Displacing Times — Start Finish	11:16 a.m. 11:18 a.m.	None Cement to surface				
Felt Plug Time	No feel	9:30 p.m.				
Felt Plug Depth		130'				

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

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

Remarks _____

Agent of Operator R.J. Knight

S
E
C
T
I
O
N

I
V

BASIN OIL LTD.

SECTION IV - Logs

DATE RUN	RUN NUMBER	INTERVAL	TYPE
September 3, 1970	1	1,417' - 567'	Formation Density Log
September 3, 1970	1	1,417' - 567'	Induction Electrical Log
September 3, 1970	1	1,416' - 56'	Borehole Compensated Sonic Log

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BANFF OIL LTD.

SECTION V - Analysis

Not applicable

SECTION VI - Completion Summary

Not applicable

Submitted by Banff Oil Ltd.

Date: Nov. 13, 1970

Per: W. M. Boyer

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. <u>9</u> LOCATION <u>OSCAR CREEK</u> AREA <u>N.W.T.</u> DATE <u>Sept 5 1970</u>		REMARKS		Time	
Tour — Midnight - 8 a.m.		1385.50 CIRC. & WAIT ON ORDERS		Start	Stop
Specify actual hours worked Hrs.				Interval	
Driller <u>P. ANDERSON</u> 8	From <u>1416</u> Footage To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS	FUEL
Derrick <u>B. FELDBERG</u> 8	No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled	Hrs.	Feet Reamed	Hrs.	COAL
Floor <u>J. BOURQUE</u> 8	MUD		12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives	At Surveys Degree	MOTOR HOURS
Floor <u>L. ELLEN</u> 8	WEIGHT		<u>9.1 9.1 9.0 9.0</u> WATER	Next Oil Change	
Motor <u>G. KREUTZ</u> 8	VISCOSITY		<u>38 38 37 36</u>	Subs. Ft.	
Mechanic	GEL			Ft. Up On Kelly	
Extra	No. 1 Pressure Model S.P.M.		<u>OPEN END</u>	TOTAL	
Injuries:	No. 2 Pressure Model S.P.M.		<u>6</u>	1415.61	
Fires:	Liner Size			Next Slip	
W.L. F.C. pH.		Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet Cut Feet Left on Spool		Company Time Cont'r Time	
Tour — 8 a.m. to 4 p.m.		12		LAY DOWN MONKEY BOARD STAND 4:00	
Driller <u>M. M. M. M.</u> 16	From <u>12</u> Footage To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS	FUEL
Derrick <u>B. McEwen</u> 16	No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled	Hrs.	Feet Reamed	Hrs.	COAL
Floor <u>Larry Keldy</u> 16	MUD		8 a.m. 10 a.m. 12 noon 2 p.m. Additives	At Surveys Degree	MOTOR HOURS
Floor	WEIGHT			Next Oil Change	
Motor <u>W. G. B. B.</u> 16	VISCOSITY			Subs. Ft.	
Mechanic	GEL			Ft. Up On Kelly	
Extra	No. 1 Pressure Model S.P.M.			TOTAL	
Injuries:	No. 2 Pressure Model S.P.M.			15.2 = 1 gal slurry	
Fires:	Liner Size			Company Time Cont'r Time	
W.L. F.C. pH.		Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet Cut Feet Left on Spool		11:55 AM.	
Tour — 4 p.m. to Midnight		14		LAY DOWN MONKEY BOARD STAND 4:00	
Driller <u>Paul Kozlak</u> 14	From <u>14</u> Footage To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS	FUEL
Derrick <u>Bill Lischna</u> 14	No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled	Hrs.	Feet Reamed	Hrs.	COAL
Floor	MUD		4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives	At Surveys Degree	MOTOR HOURS
Floor	WEIGHT			Next Oil Change	
Motor <u>DAVE JAMES</u> 14	VISCOSITY			Subs. Ft.	
Mechanic	GEL			Ft. Up On Kelly	
Extra	No. 1 Pressure Model S.P.M.			TOTAL	
Injuries:	No. 2 Pressure Model S.P.M.			10:00	
Fires:	Liner Size			8	
W.L. F.C. pH.		Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet Cut Feet Left on Spool		Company Time Cont'r Time	
Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack		Total Contractor Time Hrs. Toolpusher		Approved by	
B.O.P. Test-Operated Time Results		Total Company Time Hrs.		J.R. Knight	

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION OSCAR CREEK H-71 AREA N.W. T. DATE Sept 4 1970

Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs.
Driller	<u>R. ANDERSON</u>	<u>16</u>		
Derrick	<u>BARRY FELDBERG</u>	<u>16</u>		
Floor	<u>Jack Bourque</u>	<u>16</u>		
Floor	<u>Laurie Allen</u>	<u>16</u>		
Motor	<u>Alvin Krewetz</u>	<u>16</u>		
Mechanic				
Extra				
Injuries:	<u>2 AM MATTING +</u> <u>cleaning new</u>			
Fires:	<u>Lease For 15 min</u>			
Tour — 8 a.m. to 4 p.m.		Specify actual hours worked		Hrs.
Driller	<u>H. Mjor</u>	<u>10</u>		
Derrick	<u>B. Wickett</u>	<u>10</u>		
Floor	<u>Harry Kolody</u>	<u>10</u>		
Floor	<u>Bill Wlodko</u>	<u>4</u>		
Motor	<u>Wayne Gibbs</u>	<u>12</u>		
Mechanic				
Extra				
Injuries:				
Fires:				
Tour — 4 p.m. to Midnight		Specify actual hours worked		Hrs.
Driller	<u>Paul Lezak</u>	<u>8</u>		
Derrick	<u>Bill Lechka</u>	<u>8</u>		
Floor				
Floor				
Motor	<u>Dave James</u>	<u>8</u>		
Mechanic				
Extra				
Injuries:				
Fires:				

REMARKS	Time		
	Start	Stop	Interval
Logging with SCHUMBERGER 12" 3:00	3:00	4:00	1
START ALL MOTORS	4:00	6:00	2
MAKE up Testing Tool	6:00	6:45	3/4
Run in Hole slowly	6:45	7	1/4
Testing with Halibuton			
Company Time			
Cont'r Time			
Testing with Halibuton 8:00 12:30 4	12:30	2:25	2 1/4
Break Down Tool +	2:15	3:00	3/4
Lay Down Same			
Run In DCS	3:00	4:00	1
Laying Down Same			
Company Time			
Cont'r Time			
FINISH LAYING DOWN DRILL 4:00	4:00	4:45	3/4
COLLARS	4:45	5:00	1/4
Rig SERVING BOBS.			
Run in w/ DRILL PIPE + PICKED 5:00			
UP 12 SINGLES	6:00		1
CIRC - w/ ON ORDERS	1:00	12:00	6
Company Time			
Cont'r Time			

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____
Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

REMARKS	Time		
	Start	Stop	Interval
Rec. Serv. B.C.F.	12:00	12:15	15
Circ. wait on logging tools.	12:15	3:00	4 1/2
TRIP TIME up to CASG.	4:30	5:30	1 1/2
Circ. wait on logging tools.	5:30	8:00	2 1/2
			7
Desikter Note 70502.97.			
Overhaul - 9.3			
Underhaul - 10.2			
Company Time	Cont'r Time		
Circulate & Wait on logging tools	7:00	10:15	2 1/4
Hoist out D.C.			
Logist. Drive Case			
Barrel	10:15	11:00	3/4
Log Service & B.O.P.S.	11:00	11:15	1/4
Wait on Circ. wait on logging tools			
(No fill from T.D.)	11:15	3:00	2 1/4
Hoist out of Hole	3:00	4:00	1
Stop out			
Company Time	Cont'r Time		
By Schlumberger	4:00	4:30	1/2
By Schlumberger	4:30	12:00	7 1/2
			7
Company Time	Cont'r Time		
Total Contractor Time	Hrs.	Toolpusher	
Total Company Time	Hrs.	Approved by	

Totco Ring on Bit No. _____ D.P. Callipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

W. C. TREMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made w/ "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION OSCAR CREEK H 71 AREA N.W.T. DATE SEPT 21 1976

Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands				
					No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	Singles			
Driller	16	1380	27	1700	6 1/2	2 1/2	22M	22M	22M	22M	22M	22M	22M	22M	22M	22M	22M			
Derrick	16																22M			
Floor	16																22M			
Floor	16																22M			
MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives			At Surveys Degree			MOTOR HOURS			Next Oil Change					
WEIGHT		9.4			9.4	9.4	KELZAN 50LB						1			295				
VISCOSITY		47			52	53							2			295				
GEL														3			295			
PUMPS		No. 1	Pressure	1100	1100	1100							4			295				
Model		S.P.M.	69	69	69							5			295					
Liner Size		6 1/2																		
No. 2		Pressure																		
Model		S.P.M.																		
Liner Size																				
General																				
DESALTER RATE																	5.8 SEC PER FT.			
OVER FLOW																	9.5			
UNDER FLOW																	12.4			
W.L.		15.4			F.C.			4 1/2			pH			7.0						
Tour — 8 a.m. to 4 p.m.		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands				
					No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	Singles			
Driller	7	1401	15	1410	2 1/2	2 1/2	22M	22M	22M	22M	22M	22M	22M	22M	22M	22M	22M			
Derrick	7																22M			
Floor	7																22M			
Floor	7																22M			
MUD		8 a.m.	10 a.m.	12 Noon	2 p.m.	Additives			At Surveys Degree			MOTOR HOURS			Next Oil Change					
WEIGHT		9.4			9.4	9.4	KELZAN 50 LB						1			295				
VISCOSITY		47			52	53	3000 5.8						2			295				
GEL														3			295			
PUMPS		No. 1	Pressure	1100	1100	1100							4			295				
Model		S.P.M.	69	69	69							5			295					
Liner Size		6 1/2																		
No. 2		Pressure																		
Model		S.P.M.																		
Liner Size																				
General																				
DESALTER RATE																	6.5 SEC PER FT. = 9.5 SEC PER FT.			
OVER FLOW																	4.2			
UNDER FLOW																	10.0			
W.L.		14.6			F.C.			3 1/2			pH			6.5						
Tour — 4 p.m. to Midnight		Specify actual hours worked		Hrs.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands				
					No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	Singles			
Driller	12	1416			6 1/2	2 1/2	22M	22M	22M	22M	22M	22M	22M	22M	22M	22M	22M			
Derrick	12																22M			
Floor	12																22M			
Floor	12																22M			
MUD		4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives			At Surveys Degree			MOTOR HOURS			Next Oil Change					
WEIGHT		7.4			7.4	7.4	KELZAN 50 LB						1			295				
VISCOSITY		47			43	42							2			295				
GEL														3			295			
PUMPS		No. 1	Pressure	1100	1100	1100							4			295				
Model		S.P.M.	69	69	69							5			295					
Liner Size		6 1/2																		
No. 2		Pressure																		
Model		S.P.M.																		
Liner Size																				
General																				
DESALTER RATE																	7.5 SEC PER FT.			
OVER FLOW																	9.2			
UNDER FLOW																	7.9			
W.L.		14.0			F.C.			3 1/2			pH			7.0						

REMARKS	Start	Stop	Interval
Rig Serv B.O.P.	12	12	1/4
With 6 1/2 Hole	12	6	5 1/2
Trip To collar & Run	6		
Back in - 7.11	7		
With 6 1/2 Hole	7	8	1 1/2
CHANGED oil in no. 1 motor			
Company Time	Cont'r Time		
1049.99	2.15		
30.10	4		
326.16	13		
Other Ft.			
C.B. Ft.			
Subs. Ft.			
Ft. Up On Kelly			
TOTAL			
1416.00			
Company Time	Cont'r Time		
1049.74	4:00 4:15 1/4		
30.10	4:15		
326.16	12:00 7 3/4		
Other Ft.			
C.B. Ft.			
Subs. Ft.			
Ft. Up On Kelly			
TOTAL			
1416.00			
Company Time	Cont'r Time		
1049.74	7.00		
30.10			
326.16			
Other Ft.			
C.B. Ft.			
Subs. Ft.			
Ft. Up On Kelly			
TOTAL			
1416.00			

Toftco Ring or Bit No. _____ D.P. Caliper Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

REMARKS

[illegible]

Total Contractor Time _____ Hrs. Toolpusher [Signature]
Total Company Time _____ Hrs. Approved by [Signature]

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD
DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION OSCAR CREEK H 71 AREA N.W.T. DATE Aug 31 1970

Tour — Midnight - 8 a.m.
Specify actual hours worked Hrs.

Driller R. Anderson 8
Derrick Danny Feltberg 8
Floor Jack Bourque 8
Floor Laurie Allen 8
Motor Alvin Kreutz 8
Mechanic
Extra
Injuries:
Fires:

From 1062 Footage 60 To 1122 Hrs. on Bottom 6 3/4 Wt. Drill String (1000 lbs.) 20M No. 10 O.D. 2 1/2 I.D. 2 1/2 Wgt. 20M

DRILL COLLARS
No. 4 Size 6 3/4 Type DG-I Size Jets 2-10 Serial No. BD929 Weight 10-13 R.P.M. 100 Ft. Drilled 112 Hrs. 112 Feet Reamed Hrs. CONDITION

MUD
12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives
WEIGHT 9.1 9.1 9.1 9.2
VISCOSITY 45 46 42 40
GEL

At Surveys Degree MOTOR HOURS Next Oil Change

Stand. 722.77
Singles 30.13
D. Collars 326.36
Other Ft.
C.B. Ft.
Subs. Ft. 2.95
Ft. Up On Kelly 14.00
TOTAL 1122.26

W.L. 11.8 F.C. pH. 9.0 UNDERFLOW 1.0

From 1122 Footage 46 To 1168 Hrs. on Bottom 4 3/4 Wt. Drill String (1000 lbs.) 22M No. 6 O.D. 2 1/2 I.D. 2 1/2 Wgt. 20M

DRILL COLLARS
No. 4 Size 6 3/4 Type DG-I Size Jets 2-10 Serial No. BD929 Weight 10-13 R.P.M. 200 Ft. Drilled 140 Hrs. 13 Feet Reamed Hrs. CONDITION 8-3-1

MUD
8 a.m. 10 a.m. 12 Noon 2 p.m. Additives
WEIGHT 9.2 9.2 9.2 9.2 1 Caustic 25 lbs
VISCOSITY 27 27 27 27
GEL

At Surveys Degree 1122 MOTOR HOURS 10 Next Oil Change

Stand. 795.70
Singles 30.13
D. Collars 326.16
Other Ft.
C.B. Ft.
Subs. Ft. 2.95
Ft. Up On Kelly 14.00
TOTAL 1168.00

W.L. 10.9 F.C. 2 1/2 pH. 10.5 UNDERFLOW 12.0

From 1168 Footage 60 To 1228 Hrs. on Bottom 7 3/4 Wt. Drill String (1000 lbs.) 22M No. 6 O.D. 2 1/2 I.D. 2 1/2 Wgt. 20M

DRILL COLLARS
No. 5 Size 6 3/4 Type DG-I Size Jets 2-10 Serial No. BD929 Weight 10-13 R.P.M. 97 Ft. Drilled 112 Hrs. 112 Feet Reamed Hrs. CONDITION

MUD
4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives
WEIGHT 9.1 9.1 9.1 9.1 1 SK KELZAN
VISCOSITY 40 42 42 40 1 SK GEL
GEL 1 SK PLASTER

At Surveys Degree MOTOR HOURS Next Oil Change

Stand. 843.30
Singles 30.12
D. Collars 326.16
Other Ft.
C.B. Ft.
Subs. Ft. 2.95
Ft. Up On Kelly 14.78
TOTAL 1228.00

W.L. 12.0 F.C. 9/32 pH. 10.5 UNDERFLOW 13.0

REMARKS	Time		
	Start	Stop	Interval
Rig Service B.O.P.	12:00	12:15	14
Drill 6 3/4 Hole	12:15	3:30	3 1/4
Repair Air System on F350	3:30	4:00	1/2
Drill 6 3/4 Hole	4:00	7:15	3 1/2
Survey & Repair Leaking Kelly Hose	7:15	7:45	1/2
Drill 6 3/4 Hole	7:45	8:00	1/4
			8
Company Time Cont'r Time			
Drilling	9:00	10:00	2
Hour out of Hole	10:00	10:45	3/4
Rig Service & B.O.P.			
Checked Swivel & Greased			
Bricks	10:45	11:15	1/2
Run to B.O.P. NOS	11:15	12:00	3/4
Drilling	12:00	4:00	4
Company Time Cont'r Time			
Drilling	4:00	5:45	1 1/4
Rig Serv & B.O.P.	5:45	6:00	1/4
Drilling	6:00	12:00	6
			9
Company Time Cont'r Time			
Total Contractor Time Hrs.			
Total Company Time Hrs.			
Toolpusher			
Approved by			

Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack
B.O.P. Test-Operated Time Results

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION OSCAR CREEK H-71

AREA N.W.T. DATE Aug 20 1970

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	8	848	117	965	6	22M	12	5 1/4	2 3/4	115M			602.33
Derrick	8												
Floor	8												
Floor	8												
Floor	8												
Motor	8												
Mechanic	8												
Extra													
Injuries:													
Fires:													

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	8	965	253	998	3 3/4	22M	6	4 1/2	2 3/4	22M			661.56
Derrick	8												
Floor	8												
Floor	8												
Floor	8												
Motor	8												
Mechanic	8												
Extra													
Injuries:													
Fires:													

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	16	998	77	1062	4 3/4	22M	6	4 1/2	2 3/4	22M			661.56
Derrick	16												
Floor	16												
Floor	16												
Floor	16												
Motor	16												
Mechanic	16												
Extra													
Injuries:													
Fires:													

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	8	965	253	998	3 3/4	22M	6	4 1/2	2 3/4	22M			661.56
Derrick	8												
Floor	8												
Floor	8												
Floor	8												
Motor	8												
Mechanic	8												
Extra													
Injuries:													
Fires:													

REMARKS		Start	Stop	Interval
Drilling 6 3/4 Hole		12:00	12:15	1/4
Rig Service B.O.P.		12:15	12:30	1/4
Hoist for 12.5 T		12:30	1:00	1/2
Run in B.O.P.		1:00	2:00	1
Drill 6 3/4 Hole		2:00	6:30	4 1/2
Survey		6:30	8:45	1/4
Drill 6 3/4 Hole		8:45	9:00	1/4
Company Time				
Cont'r Time				
Rig Service B.O.P.S		9:00	9:15	1/4
Drilling		9:15	9:00	3/4
Worked on Rotary Motor		9:00	9:45	3/4
Loss of B.P.M. material				
Drilling		9:45	10:45	1
Circulating		10:45	11:15	1/2
Hoist for 12.5 T				
Strap out				
Run in with Circulating		11:15	1:30	2 1/4
Circulate Clearing to Bottom		1:30	2:00	1/2
Coring		2:00	4:00	2
Company Time				
Cont'r Time				
CORING		4:00	4:30	1/2
TRIP OUT W/ CORE		4:30	5:30	1
RECOVER CORE (10')		5:30	5:45	1/4
SERVICE - STAND BACK CORE		5:45		
SHARPER			6:00	1/4
Rig Service B.O.P.S		6:00	6:15	1/4
RUN IN HOLE W/ R.T NO 4		6:15	7:15	1
Drilling 6 3/4 Hole		7:15	12:00	4 3/4
Company Time				
Cont'r Time				

Totco Ring on Bit No.		D.P. Caliper Date		Results		From Pipe Rack		Total Contractor Time		Hrs.		Toolpusher	
B.O.P. Test-Operated		Time		Results				Total Company Time		Hrs.		Approved by	

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD
DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. <u>4</u> LOCATION <u>Oscar Creek 11-71</u> AREA <u>WT</u> DATE <u>Aug 29</u> 1970		REMARKS		Start	Time	Interval
Tour — Midnight - 8 a.m.						
Specify actual hours worked						
Driller	L. Green	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)
Derrick	Rick Green	No.	Size	Type	Serial No.	Weight
Floor	K. Green	Drill Collars	No.	O.D.	I.D.	Wgt.
Floor	B. McGee	Fuel	Gals.	Water	Bbls.	Coal
Motor	Lytle Borens	Stands	301.38			
Mechanic		Singles	30.15			
Extra		D. Collars	326.16			
Injuries:		Other Ft.				
Fires:		C.B. Ft.	56.56			
		Subs. Ft.	2.95			
		Ft. Up On Kelly	2.4			
		TOTAL	742.80			
		Next Slip				
		General	Coke #1 (739-742') REC 3'			
		W.L.	F.C.	PH.		
		12.8	3/2	10.0		
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)
Driller	R. Anderson	No.	Size	Type	Serial No.	Weight
Derrick	John H. Hickey	Drill Collars	No.	O.D.	I.D.	Wgt.
Floor	Jack Boyagis	Fuel	Gals.	Water	Bbls.	Coal
Floor	Laurie Allen	Stands	421.94			
Motor	Alan Kreutz	Singles	226.16			
Mechanic		D. Collars	226.16			
Extra		Other Ft.				
Injuries:		C.B. Ft.				
Fires:		Subs. Ft.	2.95			
		Ft. Up On Kelly	40.25			
		TOTAL	791.30			
		Next Slip				
		General	DISHED UNDERFLOW 10-1 (12.5 GPM)			
		W.L.	F.C.	PH.		
		12.6	3/2	10.5		
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)
Driller	M. Mingo	No.	Size	Type	Serial No.	Weight
Derrick	John Crockett	Drill Collars	No.	O.D.	I.D.	Wgt.
Floor	Larry Kotody	Fuel	Gals.	Water	Bbls.	Coal
Floor	Bill Wlodko	Stands	516.89			
Motor	Wayne G. BBS	Singles	226.16			
Mechanic		D. Collars	226.16			
Extra		Other Ft.				
Injuries:		C.B. Ft.				
Fires:		Subs. Ft.	2.95			
		Ft. Up On Kelly	3.00			
		TOTAL	845.00			
		Next Slip				
		General	Dish 17' 30 sec per ft (1/2 GPM) 12-3 underflow 9 a over flow			
		W.L.	F.C.	PH.		
		12.2	3	10		

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____

S.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD
DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION Oscar Creek H-71 AREA NW DATE Aug 28 1970		REMARKS		Time	
		Start	Stop	Interval	
Tour — Midnight - 8 a.m. Specify actual hours worked Hrs.					
Driller: L. G. GARDNER	8	FINISH DRILL OUT PUGS			
Derrick: RICK FROSTMOCK	8	FLOAT COLLAR			
Floor: KEN GARDNER	8	DRILL 40' OF CEMENT			
Floor: B. McQUINN PH.D.T.C.	8	DRILL OUT SHOE @ 565			
Floor: MUD	8	DUMP MUD TANKS & FILL W/			
Motor: 200 HP	8	CLEAN WATER + MUD UP			
Mechanic: TYLE BURNS	8	DRILLING 6 3/4" HOLE			
Extra:					
Injuries:					
Fires:					
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands					
567 53 620 3 20 m 12 5 1/4 2 3/4 13 m					
No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION					
1 6 3/4 DG-T 3-10 AH775 10-12 m 120 53 3					
MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change					
WEIGHT 0.1 868.6 KELTAN 50 LK 696 1/4 1					
VISCOSITY 30 3336 GEL 300 HRS. 3					
GEL 30 3336 FORTICIDE E 10 LK 4					
PUMPS No. 1 Pressure 120 200 100 200 Model S.P.M. 30 30 100 200					
No. 2 Pressure 30 30 100 200 Model S.P.M. 30 30 100 200					
Liner Size 30 30 100 200					
General Des. for Underflow Wt. 110.9 Rate 1 GPM					
W.L. 13 F.C. 2 1/2 pH. 11.0					
Tour — 8 a.m. to 4 p.m. Specify actual hours worked Hrs.					
Driller: R. ANDERSON	4	Drilling 6 3/4 Hole			
Derrick: G. H. HILBERG	4	Rig Floor Line + Replacer			
Floor: J. H. HILBERG	4	SHAKE SHAKER screen			
Floor: J. H. HILBERG	4	Drill 6 3/4 Hole			
Floor: J. H. HILBERG	4	install sample box on shale			
Floor: J. H. HILBERG	4	SHAKER and mold extension			
Motor: ALAN HILBERG	4	on SHALE SHAKER			
Mechanic: ALAN HILBERG	4	Drill 6 3/4 Hole			
Extra:		Survey			
Injuries:		Drill 6 3/4 Hole			
Fires:					
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands					
620 106 726 4 3/4 90 m 12 5 1/4 2 3/4 12 m					
No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION					
1 6 3/4 DG-T 3-10 AH775 10-12 m 120 133 7 1/4					
MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change					
WEIGHT 0.1 868.6 KELTAN 50 LK 696 1/4 1					
VISCOSITY 30 3336 GEL 300 HRS. 3					
GEL 30 3336 FORTICIDE E 10 LK 4					
PUMPS No. 1 Pressure 120 200 100 200 Model S.P.M. 30 30 100 200					
No. 2 Pressure 30 30 100 200 Model S.P.M. 30 30 100 200					
Liner Size 30 30 100 200					
General Des. for Underflow Wt. 110.9 Rate 1 GPM					
W.L. 12 F.C. 2 1/2 pH. 11.0					
Tour — 4 p.m. to Midnight Specify actual hours worked Hrs.					
Driller: J. H. HILBERG	8	Drilling			
Derrick: B. N. CRICKETT	8	Build up flow nipple to			
Floor: LARRY KULADY	8	over come over flow			
Floor: B. L. WOODHO	8	Drilling			
Floor: MUD	8	Circulate Sample			
Motor: WAYNE GIBBS	8	Survey			
Mechanic: WAYNE GIBBS	8	Hurst out of Hole			
Extra:		In with BITUMEN			
Injuries:		Drilling			
Fires:		Circulate Sample			
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands					
726 13 739 1 3/4 20 m					
No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION					
1 6 3/4 DG-T 3-10 AH775 10-12 120 166					
MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change					
WEIGHT 763 1 1/2 734					
VISCOSITY 10 37					
GEL 30 37					
PUMPS No. 1 Pressure 650 80 Model S.P.M. 30 30					
No. 2 Pressure 30 30 Model S.P.M. 30 30					
Liner Size 30 30					
General Des. for Underflow Wt. 129 Rate 1 1/2 GPM					
W.L. F.C. pH.					

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____
Total Contractor Time _____ Hrs. Toolpusher J. L. L. L.
Total Company Time _____ Hrs. Approved by J. L. L. L.

THIS COPY FOR OIL & GAS CONSERVATION BOARD

DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION OSCAR (RIVER) H-21 AREA VW DATE AUG 27 1970

[illegible][illegible]

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	No.	O.D.	I.D.	Wgt. lb.	FUEL	WATER	COAL	Stones
Specify exact hours worked	Hrs.										Gals.	Bbls.	Tons	Singles
Driller	7	B	No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	D. Collars
Derrick	8	I	1	6 3/4"	D.H.		A-1753	900	50					Other Ft.
Floor	9	T												C.B. Ft.
Floor	9													Subs. Ft.
Floor	9													Ft. Up On Kelly
Motor	4													TOTAL
Mechanic	4													
Extra														
Injuries:		P	No. 1	Pressure										
		M	Model	S.P.M.										
		P	Liner Size											
		N	No. 2	Pressure										
		M	Model	S.P.M.										
		P	Liner Size											
Fires:		S												
			W.L.	F.C.	p.H.									

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

[illegible]

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD
DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION Oscar Creek H. 71

AREA WUT DATE Aug 26 1970

Tour — Midnight - 8 a.m.		From Footage To										Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS				FUEL		WATER		COAL		Stands		REMARKS			Time		
Specify actual hours worked		Hrs.		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars		Start Stop Interval			
Driller	LAVEN GAREZA	9		567																						280.93		Circ For Csg.			12:00	12:15	1/4
Derrick	RICK FORTNICK	9		3013																						3013		Dummy Trip (Hole Good)			12:15	1:00	3/4
Floor	KEN GAREZA	9		326.16																						326.16		Circ For Csg.			1:00	1:15	1/4
Floor																												Drop Survey & Hoist Out			1:15	2:15	1
Floor																												Rig Up To Run Csg.			2:15	3:15	1
Floor	B. McGeough	18																										Weld Lugs on Csg For			3:15		
Motor	LYNN BURNS	9																										STAB. & Run in w/ Csg			6:30	7:00	3/4
Mechanic																												Rig Up To Circ Csg			7:00	7:30	1/2
Extra																												Circ. Csg & Work Pipe			7:30	8:00	1/2
Injuries:	McGeough																											Rig Up Horizontal To Cement			8:00		
Swamping on Well																																	
18 HRS CHARGE TO																																	
B. McGeough																																	
Tour — 8 a.m. to 4 p.m.																																	
Driller	K. Anderson	8		567																								Cement Csg. with Horizontal			9:00	9:30	
Derrick	GARY FORTNICK	8																										Tie in Horizontal			9:30	10:00	
Floor	Tom Bourque	8																										Tie in Horizontal			10:00	10:30	
Floor	Laurie Allen	8																										Tie in Horizontal			10:30	11:00	
Floor																																	
Motor	Alvin Korte	8																															
Mechanic																																	
Extra																																	
Injuries:																																	
Fires:																																	
Tour — 4 p.m. to Midnight																																	
Driller	H. H. Hines	16		567																								Cut off Conductor					
Derrick	30 Cracks	16																										Leaking Joint of Casing					
Floor	Larry Korte	16																										Brought Cement up Head					
Floor	Bill Woodko	8																										Weld on Casing Band					
Floor																												Weld			4:00	11:00	7
Motor	Wayne G. BBS	16																										Picked up B. ups			11:00	12:00	1
Mechanic																												Heating up					
Extra																																	
Injuries:																																	
Fires:																																	

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____ Total Contractor Time _____ Hrs. Toolpusher _____
B.O.P. Test-Operated _____ Time _____ Results _____ Total Company Time _____ Hrs. Approved by J.R. Knight

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD
DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION OSCAR Creek H-21 AREA W.M.T. DATE Aug 23 1970

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		No.	Size	Type	Size Jets	Serial No.	No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	8	302	159	461	7/4	20 m	12	5 1/2	2 3/8	20 m			120.52
Derrick	8	Singles											
Floor	8	D. Collars											
Floor	8	Other Ft.											
Floor	8	C.B. Ft.											
Floor	8	Subs. Ft.											
Floor	8	P.T. Up On Kelly											
Floor	8	TOTAL											
Floor	8	461.94											
Motor	14 1/2												
Mechanic	8												
Extra													
Injuries:													
First:													
Second:													
Third:													
Fourth:													
Fifth:													
Sixth:													
Seventh:													
Eighth:													
Ninth:													
Tenth:													
Eleventh:													
Twelfth:													
Thirteenth:													
Fourteenth:													
Fifteenth:													
Sixteenth:													
Seventeenth:													
Eighteenth:													
Nineteenth:													
Twentieth:													
Twenty-first:													
Twenty-second:													
Twenty-third:													
Twenty-fourth:													
Twenty-fifth:													
Twenty-sixth:													
Twenty-seventh:													
Twenty-eighth:													
Twenty-ninth:													
Thirtieth:													
Thirty-first:													
Thirty-second:													
Thirty-third:													
Thirty-fourth:													
Thirty-fifth:													
Thirty-sixth:													
Thirty-seventh:													
Thirty-eighth:													
Thirty-ninth:													
Fortieth:													
Forty-first:													
Forty-second:													
Forty-third:													
Forty-fourth:													
Forty-fifth:													
Forty-sixth:													
Forty-seventh:													
Forty-eighth:													
Forty-ninth:													
Fiftieth:													

Driller: GREEN GARDNER
Derrick: RICK PROCHUK
Floor: Ken Gardner
Floor: B. McGough
Motor: LYLE BURNS
Mechanic: LYLE BURNS
Extra:
Injuries:
First: B. McGough Went To Swamp on Nodwells AT 2:00
Second: LYLE BURNS
Third: LYLE BURNS
Fourth: LYLE BURNS
Fifth: LYLE BURNS
Sixth: LYLE BURNS
Seventh: LYLE BURNS
Eighth: LYLE BURNS
Ninth: LYLE BURNS
Tenth: LYLE BURNS
Eleventh: LYLE BURNS
Twelfth: LYLE BURNS
Thirteenth: LYLE BURNS
Fourteenth: LYLE BURNS
Fifteenth: LYLE BURNS
Sixteenth: LYLE BURNS
Seventeenth: LYLE BURNS
Eighteenth: LYLE BURNS
Nineteenth: LYLE BURNS
Twentieth: LYLE BURNS
Twenty-first: LYLE BURNS
Twenty-second: LYLE BURNS
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Twenty-seventh: LYLE BURNS
Twenty-eighth: LYLE BURNS
Twenty-ninth: LYLE BURNS
Thirtieth: LYLE BURNS
Thirty-first: LYLE BURNS
Thirty-second: LYLE BURNS
Thirty-third: LYLE BURNS
Thirty-fourth: LYLE BURNS
Thirty-fifth: LYLE BURNS
Thirty-sixth: LYLE BURNS
Thirty-seventh: LYLE BURNS
Thirty-eighth: LYLE BURNS
Thirty-ninth: LYLE BURNS
Fortieth: LYLE BURNS
Forty-first: LYLE BURNS
Forty-second: LYLE BURNS
Forty-third: LYLE BURNS
Forty-fourth: LYLE BURNS
Forty-fifth: LYLE BURNS
Forty-sixth: LYLE BURNS
Forty-seventh: LYLE BURNS
Forty-eighth: LYLE BURNS
Forty-ninth: LYLE BURNS
Fiftieth: LYLE BURNS

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		No.	Size	Type	Size Jets	Serial No.	No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	8	461	76	537	5/4	20 m	12	5 1/2	2 3/8	20 m			223.12
Derrick	8	Singles											
Floor	8	D. Collars											
Floor	8	Other Ft.											
Floor	8	C.B. Ft.											
Floor	8	Subs. Ft.											
Floor	8	P.T. Up On Kelly											
Floor	8	TOTAL											
Floor	8	537.07											
Motor	14 1/2												
Mechanic	8												
Extra													
Injuries:													
First:													
Second:													
Third:													
Fourth:													
Fifth:													
Sixth:													
Seventh:													
Eighth:													
Ninth:													
Tenth:													
Eleventh:													
Twelfth:													
Thirteenth:													
Fourteenth:													
Fifteenth:													
Sixteenth:													
Seventeenth:													
Eighteenth:													
Nineteenth:													
Twentieth:													
Twenty-first:													
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Thirty-ninth:													
Fortieth:													
Forty-first:													
Forty-second:													
Forty-third:													
Forty-fourth:													
Forty-fifth:													
Forty-sixth:													
Forty-seventh:													
Forty-eighth:													
Forty-ninth:													
Fiftieth:													

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		No.	Size	Type	Size Jets	Serial No.	No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	8	537	30	568	2 1/2	20 m	12	5 1/2	2 3/8	20 m			280.93
Derrick	8	Singles											
Floor	8	D. Collars											
Floor	8	Other Ft.											
Floor	8	C.B. Ft.											
Floor	8	Subs. Ft.											
Floor	8	P.T. Up On Kelly											
Floor	8	TOTAL											
Floor	8	568.00											
Motor	14 1/2												
Mechanic	8												
Extra													
Injuries:													
First:													
Second:													
Third:													
Fourth:													
Fifth:													
Sixth:													
Seventh:													
Eighth:													
Ninth:													
Tenth:													
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Thirty-eighth:													
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Fortieth:													
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Forty-second:													
Forty-third:													
Forty-fourth:													
Forty-fifth:													
Forty-sixth:													
Forty-seventh:													
Forty-eighth:													
Forty-ninth:													
Fiftieth:													

Totco Ring on Bit No. D.P. Calipered Date Results From Pipe Rack
B.O.P. Test-Operated Time Results 581.03
577.22
3.81 CORRECTED READINGS

REMARKS		Time		
		Start	Stop	Interval
Drilling 11" Hole		1200	1230	1/2
SURVEY		1230	1245	1/4
Drilling 11" Hole		1245	545	5
SURVEY		545	600	1/4
Drilling 11" Hole		600	745	1 3/4
Lost Circ. Mixing LCM		745	800	1/4
IN COLLAR & Pump Down				8
Company Time		Cont'r Time		
Lost Time Mixing LCM		930		
CLEAN VALVES IN PUMP		900	1000	
Drill 11" Hole		1000	1030	
SURVEY		1030	1045	
Drill 11" Hole		1045	1100	
Company Time		Cont'r Time		
Drilling		1100	1230	2 1/2
Hole out of hole		1230	1245	1/4
- STRAP OUT				
Hole in down the hole		1245	1030	2
at 356 depth spot				
Calculate conditions date 10-3-12-00				1 1/2
Company Time		Cont'r Time		
Total Contractor Time		Hrs.		
Total Company Time		Hrs.		
Toolpusher		J. L. Knight		
Approved by		J. L. Knight		

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD
DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION OSCAR Creek Band 200-600-2 Area N.W.T. DATE Aug 24/69

Tour — Midnight - 8 a.m.		From		Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	<u>LAVEN GANENZA</u>	8		82	73	155	1 1/2	13m	5 5/8					
Derrick	<u>RICK FREDERICK</u>	8												
Floor	<u>K. GANENZA</u>	8												
Floor	<u>B. McCAUGH</u>	8												
Motor	<u>L. BURNS</u>	8												
Mechanic														
Extra														
Injuries:														
Fires:														

Tour — 8 a.m. to 4 p.m.		From		Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	<u>R. ANDERSON</u>	8		155	81	236	5	13m	7 3/4					
Derrick	<u>B. FREDERICK</u>	8												
Floor	<u>B. ALLEN</u>	8												
Floor	<u>L. BURNS</u>	8												
Motor	<u>A. KATZ</u>	8												
Mechanic														
Extra														
Injuries:														
Fires:														

Tour — 4 p.m. to Midnight		From		Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		Hrs.						No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	<u>H. ALLEN</u>	8		236	66	302	1 1/2	15m	5 5/8					
Derrick	<u>B. W. CROCKETT</u>	8												
Floor	<u>L. BURNS</u>	8												
Floor	<u>B. W. CROCKETT</u>	8												
Motor	<u>K. HANCOCK</u>	8												
Mechanic	<u>W. G. B. B. B.</u>	8												
Extra														
Injuries:														
Fires:														

REMARKS	Time		
	Start	Stop	Interval
Drilling 11" Hole	12:00	2:00	2
SURVEY	2:00	2:15	1/4
Rig SERVICE	2:15	2:30	1/4
Drilling 11" Hole	2:30	2:45	1/4
Plug off Hole in Cond.	2:45		
Pipe & Try To Circ To			
Flow Line - UNABLE To Do So			
Mud Coming Up Then GILLER	3:15	6:00	2 3/4
Drilling 11" Hole	3:15	6:00	2 3/4
Work On Pump	6:00	6:30	1/2
Drilling	6:30	8:00	1 1/2
Company Time			
Cont'r Time			
Rig Service	8:00	8:15	1/4
Work on pump - clean	8:15		
CHILLER (CLEAN VALVES)	9:45		1 1/2
Drill 11" Hole	9:45	10:15	1/2
Work on 300 Pump (clean valve)	10:15	11:00	1/2
Drill 11" Hole	11:00	11:45	3/4
CHILLER WORK ON PUMP	11:45	12:00	1/4
Drill 11" Hole	12:00	7:00	2
Survey	7:00	7:15	1/4
Drill 11" Hole	7:15	4:00	1 3/4
Company Time			
Cont'r Time			
Drilling 11" Hole	11:00	4:30	1/2
HOIST OUT OF HOLE			
2 g. Service Pump			
with 3 - on 2 work 1)	7:30	7:50	3
on pump (1 - 4)			
Drilling	7:30	9:00	1 1/2
Work on pump	9:00	9:30	1/2
Drilling	9:30	10:30	1
Work on pump	10:30	11:00	3/4
Drilling 11" Hole	11:00	12:00	1
Company Time			
Cont'r Time			

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

KODAK SAFETY FILM

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD
DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION *Oscar Creek N.W.T.* AREA DATE *Aug 23 1970*

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	<i>L. GAREZA</i>												
Derrick	<i>R. F. DUBOIS</i>												
Floor	<i>K. GAREZA</i>												
Floor													
Floor													
Motor	<i>LYNE BURNS</i>												
Mechanic													
Extra	<i>K. HANCOCKSON</i>												
Injuries:	<i>HANCOCKSON Welded Conductor BBL's.</i>												

REMARKS	Start	Time	Interval
<i>Weld BBL's Together & Put Down Hole</i>	<i>1200</i>		
<i>CEMENT CONDUCTOR PIPE</i>	<i>430</i>	<i>600</i>	<i>1 1/2</i>
<i>WAIT ON CEMENT</i>	<i>600</i>	<i>800</i>	<i>2</i>
<i>CEMENTED COND. @ 33'</i>			

Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	<i>R. ANDERSON</i>												
Derrick	<i>C. F. DUBOIS</i>												
Floor	<i>L. ALLEN</i>												
Floor	<i>T. B. DUBOIS</i>												
Floor	<i>A. HARTZ</i>												
Motor	<i>A. HARTZ</i>												
Mechanic													
Extra	<i>B. McGOUGH</i>												
Injuries:													

REMARKS	Start	Time	Interval
<i>Put oil in F350 CHANGING oil in G.D. - Put TRAN.</i>	<i>8:00</i>		
<i>WELD BBL'S. FOR CON. PIPE.</i>			
<i>WORKED ON F350</i>			
<i>WAIT ON CEMENT</i>	<i>4:00</i>		

Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked							No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons
Driller	<i>H. MYRIS</i>												
Derrick	<i>D. A. CROCKETT</i>												
Floor	<i>LARRY KOTODY</i>												
Floor	<i>B. L. WOLODHO</i>												
Floor													
Motor	<i>Wayne G. BBS</i>												
Mechanic													
Extra													
Injuries:													
Fires:													

REMARKS	Start	Time	Interval
<i>Wait on Cement</i>	<i>400</i>	<i>600</i>	<i>2</i>
<i>Started Drilling</i>			
<i>CEMENTED COND. @ 33'</i>			
<i>4 1/2 hours circulation</i>			
<i>CEMENTED COND. @ 33'</i>			
<i>To 4 1/2 feet COND. WASHED OUT INTO CELLAR</i>	<i>600</i>	<i>9:30</i>	<i>3 1/2</i>
<i>Returned to Drilling</i>	<i>9:30</i>	<i>12:00</i>	<i>2 1/2</i>

Totco Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____ Total Contractor Time _____ Hrs. Toolpusher _____
Total Company Time _____ Hrs. Approved by _____

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 9 LOCATION BANFF AREA GPO OILFIELD CA H-71 AREA 1.4.71 DATE Aug 22 1970

Tour — Midnight - 8 a.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Driller	<u>PAV LOZAK</u>	12	50										
Derrick	<u>BILL LICHKA</u>	12	1-11"	YTS-E	3/13	67581	5 (m)	95	50	412			
Floor	<u>JOHN CORTU</u>	12											
Floor													
Floor													
Floor													
Motor	<u>DAVE JAMES</u>	12											
Mechanic													
Extra													
Injuries:													
Fires:													
Tour — 8 a.m. to 4 p.m.		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Driller	<u>LAUREN CALENZA</u>	8	50										
Derrick	<u>RICK FEDERHAK</u>	8	1-11"	YTS-E	3-3	685181			50				
Floor	<u>KEVIN CALENZA</u>	8											
Floor													
Floor													
Floor													
Motor	<u>LYNN BURNS</u>	8											
Mechanic													
Extra	<u>KITH HALVERSON</u>	8											
Injuries:													
Fires:													
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	COAL	Stands
Specify actual hours worked		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Driller	<u>H. M. M. M.</u>	8											
Derrick	<u>B. Crockett</u>	8											
Floor	<u>JOHN KELLEY</u>	8											
Floor	<u>BILL WOTCHKO</u>	8											
Floor													
Motor	<u>W. G. GIBBS</u>	8											
Mechanic													
Extra													
Injuries:													
Fires:													

REMARKS		Start	Stop	Interval
FINISH 11' FIDING ON CONDUCTOR PIPE		12:00		
STRING GEOLGRAPH LINE				
FILL MUD TANKS W/ WATER		1:30	1:42	1 1/2
SPURDED IN - START DRILLING		1:30	2:00	1/2
CONDUCTOR PIPE WASH OUT. RIGGED		2:00		
UP MUD PUMP TO CELLAR		2:00		1
DRILLED KIRBY DOWN		2:00	4:30	1 1/2
LAY DOWN 3 1/2 KELLY - DICKED UP 4" KELLY		4:30	5:30	1
DRILLING (CONDUCTOR)		5:30	8:00	2 1/2
Company Time				
Cont'r Time				
RECEMENT COND. PIPE		8:00		
(UNABLE TO SEAL OFF)		11:00		3
PULL OUT OLD COND. PIPE		11:00		
WELD 2 1/2 INGS ON 11" BIT				
REAM OUT OLD CONG. HOLE		2:00		3
WAIT ON MORE BBLs TO		2:00		
MAKE NEW COND. PIPE				
WORKING ON 1350 PUMP				
PUTTING IN SECTIONS & MUD LINES		4:00		2
Company Time				
Cont'r Time				
WATER BBLs FOR CONDUCTOR				
Worked on mud lines		4:00	10:00	6
Cut tape on BBLs				
Weld on same for		10:00	12:00	2
CONDUCTOR				
Company Time				
Cont'r Time				

Totco Ring on Bit No. _____ D.P. Caliper Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher John Knight
Total Company Time _____ Hrs. Approved by John Knight

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

DAILY DRILLING REPORT

DAY WORK RECORD

NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 7 LOCATION BANFF H 71 CESSAR CREEK AREA N.W.T. DATE Aug 21 19 70

REMARKS

Start Time Interval

Tour — Midnight - 8 a.m.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS	FUEL	WATER	COAL	Stands
Specify actual hours worked						No. O.D. I.D. Wgt.	Gals. Bbls. Tons			Singles
Driller <u>PAUL LORIAN</u> 12	12	12								
Derrick <u>KEITH LISCHE</u>										
Floor <u>JIM CARTER</u> 12										
Floor										
Floor										
Motor <u>DAVE JAMES</u> 12										
Mechanic										
Extra										
Injuries:										
Fires:										

CHANGED CIRCULATING PUMP
WELDED TOGETHER 10 GAL BARREL
FOR CONDUCTOR PIPE
FINISHED WORKING ON ROTARY
TRANSMISSION - OUT BACK IN
SAME
DRILLING CONDUCTOR HOLE 6:00 7:00 1
REAMING HOLE BIGGER TO PUT
CONDUCTOR PIPE IN 7:00 1/8

Tour — 8 a.m. to 4 p.m.	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS	FUEL	WATER	COAL	Stands
Specify actual hours worked						No. O.D. I.D. Wgt.	Gals. Bbls. Tons			Singles
Driller <u>LAUREN GARDNER</u> 12										
Derrick <u>KEITH LISCHE</u> 12										
Floor <u>KEITH LISCHE</u> 12										
Floor										
Floor										
Motor <u>LYLE BURNS</u> 12										
Mechanic										
Extra										
Injuries:										
Fires:										

FINISH REAMING CONDUCTOR HOLE 8:00 9:30
CEMENT CONDUCTOR PIPE 9:30 11:30 2
TEAR OUT ROTARY TABLE
& ROTARY MOTOR & RIG UP
TO DRILL RAT HOLE 3:30 4
DRILLING RAT HOLE 3:30 4:00 1/2
W.O.C. on conductor
pipe

Tour — 4 p.m. to Midnight	From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS	FUEL	WATER	COAL	Stands
Specify actual hours worked						No. O.D. I.D. Wgt.	Gals. Bbls. Tons			Singles
Driller										
Derrick <u>GARY FLOBERG</u> 12										
Floor <u>BARRY MCGOUGH</u> 8										
Floor										
Floor										
Motor <u>JACK BARRAGE</u> 12										
Mechanic										
Extra <u>KEITH HANSEN</u> 15										
Injuries:										
Fires:										

DRILL RAT HOLE + 4:00
REAMING OUT 6:30 2 1/2
TEAR OUT ROTARY &
SET IN PLACE 8:00 1 1/2
PUT IN FLOOR PLATE IN
AROUND ROTARY
UNLOADING UP CONDUCTOR
PIPE 12:00 7

Total Ring on Bit No. _____ D.P. Calipered Date _____ Results _____ From Pipe Rack _____
B.O.P. Test-Operated _____ Time _____ Results _____

Total Contractor Time _____ Hrs. Toolpusher J. Liscche
Total Company Time _____ Hrs. Approved by _____