

WELL NAME Banff Aquit GPD Oscar Creek J-48

FIELD

LOCATION: Unit J Area 48 Grid 65-30-127-00

Latitude 65-27-35.13 Longitude 127-08-23.47

U.W.L.R. 65-45976 --- 127-13985

U.W.I. 3007486530127000

Rig Release Date

Status

Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
3-9-70	Application for a Drilling Authority.
	Well Completion Data.
	Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
29/4/70	Application to Abandon a Well or Suspend Drilling.
	Application to Alter Condition of a Well.
17/2/71	Well History Supplement.
	Well Completion Data.
	Work-over Report No.
	Application to Commingle Production before Measurement.
	Data for Back Pressure Test on Natural Gas Wells - Monograph 7 Method.
	Data for Back Pressure Test on Natural Gas Wells - Vittor's Method.
	M.P.R. - Oil - Calculations.
	New Oil Well Report.
	New Gas Well Report.
	Well Inspection Report.
	Rig Inspection Report.
	Battery Inspection Report.
	Equipment Report.
	Well Cord.
	New Service Well Report.
	Monthly Water Flood Operations Report
	Monthly Water Receipts and Disposal of Fluids Report
	Logs. Large scale..... Small scale.....



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

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

Well name and number Banff Aquit GPD Oscar Creek J-48

Permit No. 4282 Lease No. 111

Great Plains Development of Canada Ltd., Exploratory Licence No. 1640
(Permit, Licence, Lease)

Banff Oil Ltd. (Operator) Exploratory Licence No. 1636

Location: Unit J Section 48 Grid 65°30' -- 127°00'

Latitude 65°27'35.13"N Longitude 127°8'23.47"E

Unique well identifier ...300J486530127000

Universal Well Location Reference Lat. 65.45976° N, Long. 127.13985° E

	DATE	DEPTH
Spudded	9/13/70	0'
Suspended		
Resumed Operations		
Finished Drilling	9/20/70	1510'
Deepened		
Complete (gas/oil)		
Abandoned	9/22/70	1510'
Rig released	9/22/70	1510'
Logger's Depth		1512'

Pool(s)

Interval(s) open to production

Elevation: Gr. 704' K.B. 714'

Rig No. 9

Drilling Contractor W. C. Trimble

Contractor's Business Licence No. 863

Coring Size (Inches)	Grade	Weight	Amount	Set at -	Sacks of Cement and Additives
1. 10-3/4"	K-55	40.5#	61.61	61'	50 sacks Permafrost cement.
2. 7-5/8"	J-55	26.4#	450	460'	150 sacks Oilwell + 3% CaCl ₂
3.					Re-cement w/ 20 sacks Permafrost
4.					and 70 sacks Oilwell; then 4
5.					hours later w/ 108 sacks Oil-
6.					well to surface & 28 sacks
					Oilwell + 4% CaCl ₂ in cellar.

[illegible]

CEMENTING RECORD (Plug, Spacers, etc.)				PERFORATING RECORD (Bullet, Jet)				SERVICING RECORD (Acidizing, Fracing, etc.)			
Date	From	To	Remarks	Date	From	To	Remarks	Date	From	To	Remarks
9/22/70 9/22/70	1510' 800'	800' surface	200 sacks Oilwell 200 sacks Oilwell; felt plug @ 135'.	N/A				N/A			
Surface casing was cut 5' below ground; plugged w/ 5 sacks cement. Plate welded on. A five foot riser with identification marker was installed.											

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Mins.	I.S.L. Mins.	F.S.L. Mins.	I.S.L.B.H.P.	F.S.L.B.H.P.	L.F.B.H.P.	F.F.B.H.P.	L.H.P.	F.H.P.	REMARKS
1	9/21/70	Bear Rock	1300'	1510'	90	90	90	488	321	69	128	604	601	Temp. 70°F. Recovered 150' drilling mud 90' of black sulphurous water.

ANALYSIS

Lab. No.	Sample	From	To	Source	Remarks
N/A					
PRESENT STATUS OF WELL					
Oil					(Interval)
Gas					(Interval)
Dry					
Susp.					

Company BANCK OIL LTD.

Signed by L. M. Bryant

Title Drilling Superintendent

Date FEBRUARY 11, 1971

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



File No. _____
Drilling Authority No. 448

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
OIL AND MINERAL DIVISION

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

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

Name and number of well Banff Aquit. GED Oscar Creek J-48
Location: Unit J Section 48 Grid 65°30' -- 127°00'
Latitude 65°27'35.13"N Longitude 127°8'23.47"W
From Established Reference Marker 300486530127000
Universal Well Location Reference Lat. 65.45976° Long. 127.13985°
Permit No. 4282 Lease No. Nil
Great Plains Development Company of Canada Ltd.
(Permitter, Lessor, Lessee)

Date of commencement of proposed program September 22, 1970

OIL, GAS, AND WATER ENCOUNTERED
(Depths)

Oil at Nil
Gas at Nil
Water at 1387' - 1416'
Total Depth 1510' Date of last operations September 22, 1970
Present condition of well Plugged & Abandoned

CASING RECORD

Casing Size O.D. Inches	Weight	Amount	Set At—	Sacks of Cement and Additives	Amount Pulled
1. 7-5/8"	26.4#	450'	460'	150 sx oilwell + 3%	Nil
2.				CaCl ₂ Re-cement	
3.				top with 70 sx.	
4.				oilwell neat + 20	
5.				sx permafrost cnt.	

PROPOSED ABANDONMENT PROGRAM

No.	Plug	Geological Formation	Number of Sacks of Cement	Remarks
	Position			
1	T.D. - Surface	Bear Rock	350 sx.	2 stages. Cut off csg. 3' below ground level. Weld on plate.

The following logs have been run FDC, BHC-SGRC, IES.
Other operations proposed Nil

Operations to be carried out by W. C. Trimble Drlg. Ltd. Contractor License No. 863
Address 839 - 6 Ave. S.W., Calgary, Alta. Address _____
Responsible Agent in field E. Schack
Dated at Calgary, Alberta this 25 Day of September 1970
Signed by *W. M. Boyd* Company Banff Oil Ltd.
Title Drilling Superintendent Operator's Exploratory Licence No. 1640

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

(For OIL AND MINERAL DIVISION use only)

APPROVAL

This application has been examined and proposed programme approved, subject to the following conditions:
~~Confirming oral approval, including erecting an identification marker,~~
as given by Mr. C. E. Elze on the 22nd September 1970.

Dated

Sept 29, 19 *70*

[Signature]
Oil Conservation Engineer

LAND 52-90 (5) (2-69)

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

Drilling Authority No. 448

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 J-48
 Location: Unit J Section 48 Grid 65°30'--127°00'
 Latitude 65°27'35.13"N Longitude 127°8'23.47"W
 Unique Well Identifier 3003486530127000
 Universal Well Location Reference Lat. 65.45976° Long. 127.13985°
 Elevation: Ground 704' (Estimated) X.B. 713 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. 4282 Lease No. N11 Acreage 26,618
 Permittee, licensee, or lessee Great Plains Development Company of Canada
 Exploratory Licence No. 1640
 Surface owned by Crown or Crown (If alienated submit name and address of owner and occupant.)
 Petroleum and natural gas rights owned by Crown
 We propose to use the following strings of casing, either cementing or landing them as indicated below:—

Casing Size O.D. (Inches)	Weight (Lb./Ft.)	Grade	New or Used	Estimated Depth	Depth of Cement
1. <u>7-5/8"</u>	<u>26.40#</u>	<u>N-80</u>	<u>New</u>	<u>800'</u>	<u>To surface</u>
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 Hydriil 6" Series 900

Well will be drilled with Rotary Rig No. 9 by W.C. Trimble Drilling Ltd.
 (Drilling Contractor or company)

839 - 6th Avenue S.W., CALGARY, Alberta

Responsible agent of applicant:—

Contractor's Business Licence No. 863

At well Robert Schwab At registered office Robert Schwab

Address 550-6th Ave., S.W., Calgary 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 1st day of September 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:—

- The Company will submit to this office, on Tuesday of each week, the latest reports received by radio on the progress of the well.
- During well drilling and testing operations every effort shall be made to
 Dated 3rd September 19 70 (See over page)

Oil Conservation Engineer

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

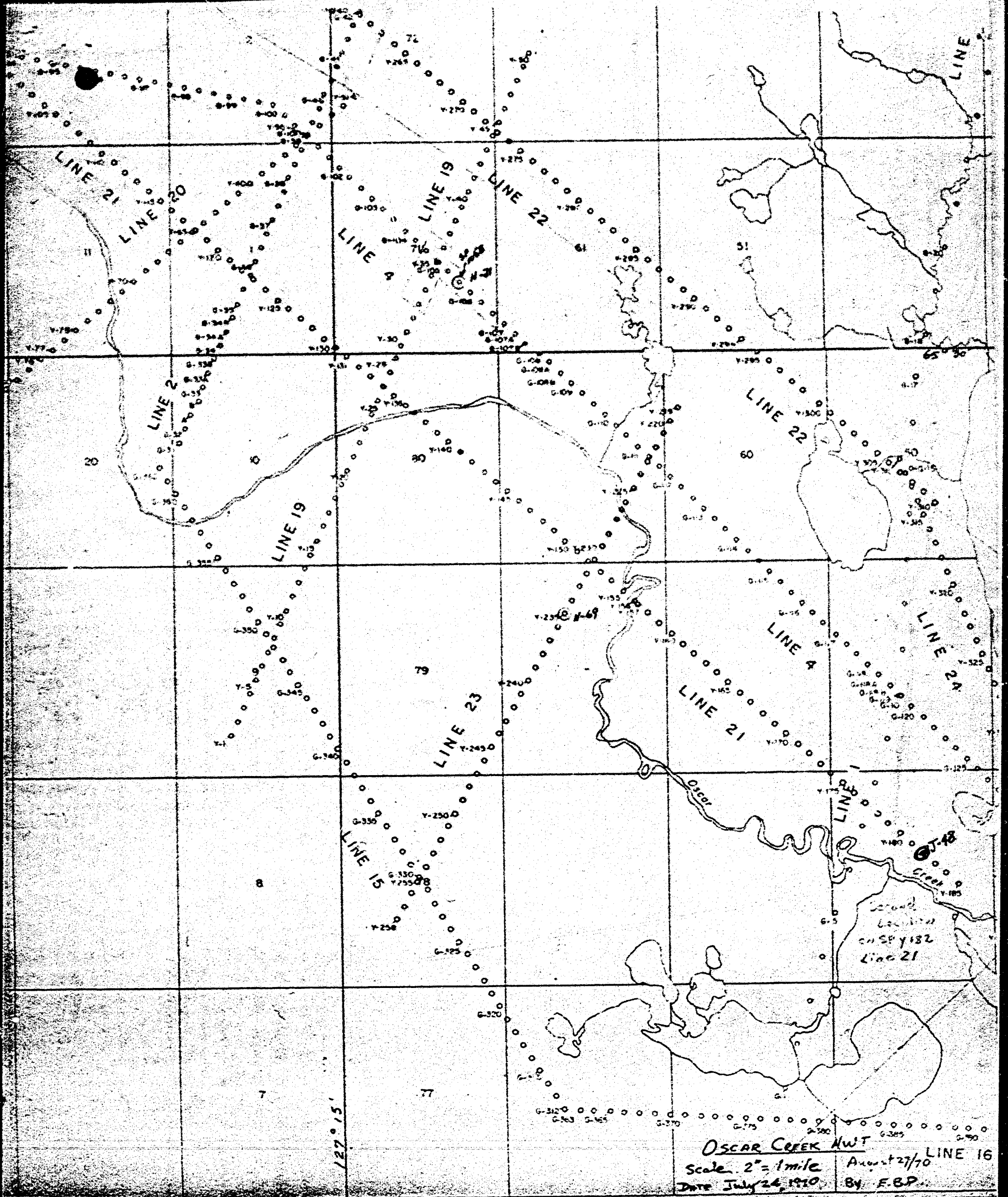
ensure that drilling fluids, chemicals and wastes shall be disposed of or contained in a manner that will prevent the contamination of adjacent vegetation and surface or sub-surface waters.

3. We draw your attention to sections 95 and 96 of the Canada Oil and Gas Regulations.

4. Production casing to be approved by the Oil Conservation Engineer before the casing is run.



B.H.J. Thoms
Oil Conservation Engineer



WELL HISTORY

Banff Aquit GPD Oscar Creek J-48

NOVEMBER 1970

216-11-5-23.

TABLE OF CONTENTS

Banff Aquit GPD Oscar Creek J-48

SECTION I

Summary of Well Data

216-11-5-23

SECTION II

Geological Marker Report
Geological Sample Descriptions

SECTION III

Drill Stem Test Summary
Drill Stem Test Data Sheet
Drill Stem Test Chart
Casing Information
Running and Cementing
Engineering Pipe Tally
Bit Record
Mud and Additive Summary
Deviation Survey Report
Plug-Back and Abandonment Report

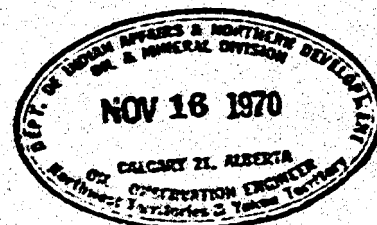
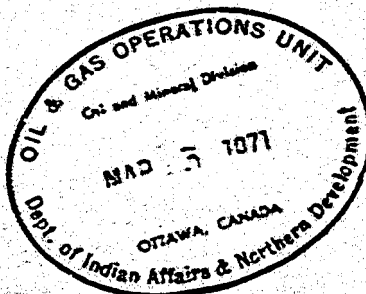
SECTION IV

Log Data

SECTION V & SECTION VI

Analysis
Completion Summary (Not applicable)

FINAL PRINTS OF LOGS



S
E
C
R
E
T

WELL HISTORY REPORT

Banff Aquit GPD Oscar Creek J-48

SECTION 1 - Summary of Well Data

- (a) Well Name and Number: Banff Aquit GPD Oscar Creek J-48
- (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 J, Section 48, Grid 65°-30', 127°-00'
Unique Well Identifier: 300J486530127000
Universal well Location Reference: 65.45976°N
127.13985°W
- (e) Co-ordinates: Latitude: 65°27'35.13"N
Longitude: 127°08'23.47"W
- (f) Permit No.: 4282
- (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 448
Date Issued: September 3, 1970
- (i) Classification: Wildcat
- (j) Elevations: Ground: 704'
K.B.: 714'
- (k) Spudded: September 13, 1970, 4:00 a.m.
- (l) Completed drilling: September 20, 1970
- (m) Total Depth: 1,510' Driller; 1,512' Logger.
- (n) Well Status: Plugged and Abandoned
- (o) Rig Released: September 22, 1970, 10:00 p.m.
- (p) Hole Sizes: 13-3/4" to 61'; 9-7/8" to 460'; 6-3/4" to 1,510'
- (q) Casing: 10-3/4" conductor casing set @ 61'
7-5/8" surface casing set @ 460'

SECTION
II

SECTION II - Geological Summary

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

From	To	Core Depth Feet	No. of Feet Per Sample	No. of Feet Per Sample	No. of Feet Per Sample	G.W.	GEOLOGICAL SAMPLE DESCRIPTION	Sheet No. 1
0	140	D					No samples caught.	
140	150	D		10			Shale (80%), dark grey, micromicaceous; Granite wash (10%); Cement (10%).	
150	170	D					No samples caught.	
170	180	D		10			Shale, dark grey, micromicaceous.	
180	210	D		30			Shale, dark grey, micromicaceous, in part silty; Pyrite, trace.	
210	220	D		10			Shale, as above, with trace quartz grains, coarse, rounded.	
220	230	D		10			Shale, as above with trace pyrite.	
230	240	D		10			Poor sample.	
240	270	D		30			Shale (80%), as above; Granite wash and quartz grains, coarse, loose, rounded, frosted (20%).	
270	280	D		10			Shale (100%), dark grey to dark greenish grey, slightly pyritic, in part silty.	
280	290	D		10			Shale (95%), as above; Granite wash (5%).	
290	320	D		30			Shale (100%), dark grey to dark greenish grey, slightly pyritic, in part silty.	
320	330	D		10			Shale, as above with one chip chert, brown-black, sharp.	
330	340	D		10			Shale, as above.	
340	400	D		60			Shale, dark grey to dark brown-black, micromicaceous, slightly bituminous.	
400	410	D		10			Shale (100%), dark grey-black, bituminous; trace pyrite.	
410	420	D		10			Dolomite (50%), buff to light tan, cryptocrystalline, argillaceous; trace shell fragments, no visible porosity; Shale, as above; trace pyrite.	
KEE SCARP — 413' (+301')								

SAMPLES NOT LAGGED

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

(Delete as Appropriate)

BANFF OIL LTD.

GEOLOGICAL SAMPLE DESCRIPTION						Sheet No. 2
From	To	CORE DATA	Loc. of Ft. Interval	No. of Ft. Interval	Swelling Q.W.	Banff Aquit GPD Oscar Creek J-48
420	430	D		10		Limestone (70%), light grey-brown to buff, crypto-crystalline, argillaceous, tight, with brachiopods, trace crinoids; Shale (30%), black, bituminous, trace pyrite.
430	440	D		10		Limestone (60%), as above; Calcarenite, trace, buff, very fine grained, tight.
440	450	D		10		Dolomite (25%), white to buff, microcrystalline to crystalline, fine grained, hard, tight; Dolomite (25%), light grey, microcrystalline, argillaceous, hard, tight; Shale (50%), poor sample.
450	460	D		10		Limestone (75%), light grey to light brown, micro-crystalline, argillaceous, hard, tight, trace brachiopods, crinoids; Shale (25%), black, bituminous, trace pyrite.
460	470	D		10		Poor sample; 100% cement after running surface casing to 460'.
470	480	D		10		Limestone, tan to light brown, microcrystalline, tight; cuttings too fine to identify fossil content.
480	490	D		10		Shale (95%), light greenish grey, micromicaceous to micaceous, in part very finely silty, slightly calcareous; Limestone (5%), as above.
<u>HARE INDIAN -- 482' (+232')</u>						
490	500	D		10		Shale (80%), as above; Limestone (20%), as above.
500	510	D		10		As above with trace shell fragments in shale.
510	930	D		420		Shale (100%), light greenish grey, micromicaceous to micaceous, silty, calcareous.
930	940	D		10		Shale, as above; Shale, trace, dark grey-black, bituminous.
940	950	D		10		Shale (50%), as above; Shale (50%), black, bituminous, trace plant spores.
950	960	D		10		Shale (100%), dark grey to brown-black, micromicaceous, bituminous, with plant spores.

SAMPLES NOT LOGGED

~~SECTION OF CORE NOT LOGGED~~

(Delete as Appropriate)

From	To	Core C No.	No. of R. Feet	No. of R. Meters	Depth OGW	GEOLOGICAL SAMPLE DESCRIPTION	Sheet No. 3
						Banff Aquit GPD Oscar Creek J-48	
960	970	D		10		Shale (100%), dark grey to brown-black, bituminous, micro-micaceous, very abundant plant spores, trace calcarenite layers.	
970	980	D		10		As above with trace pyrite.	
980	990	D		10		Limestone (70%), buff to tan to dark brown, crypto-crystalline to microcrystalline, in part argillaceous, hard, tight, abundant pyrite, no visible porosity; Shale (30%), as above.	
						<u>HUME</u> -- 963' (-269')	
990	1000	D		10		Shale (70%), light greenish grey, micromicaceous to micaceous, silty in part, with dissiminated pyrite; Limestone (20%), as above; Shale (10%), dark grey to brown-black, bituminous.	
1000	1030	D		30		Shale (50%), as above; Limestone (50%), light grey to buff to tan to dark brown, crypto-crystalline, hard, tight, trace small brachiopods, trace microfossils.	
1030	1040	D		10		Shale (100%), light greenish grey, micromicaceous, soft, trace ostracods.	
1040	1050	D		10		Limestone (70%), light tan, microcrystalline, tight, slightly argillaceous, micritic, trace microfossils; Shale (30%), light greenish grey, micaceous, silty.	
1050	1060	D		10		Limestone, as above; Limestone (50%), white to light buff, crypto-crystalline to chalky, tight, no visible porosity.	
1060	1070	D		10		Limestone (100%), white to light buff, crypto-crystalline to chalky, tight, no visible porosity.	
1070	1080	D		10		Limestone (100%), light grey to greyish tan, crypto-crystalline to chalky, tight, no visible porosity, with trace secondary calcite.	
1080	1090	D		10		Limestone (100%), light grey to light tan to white, crypto-crystalline to chalky, tight, no visible porosity.	
1090	1100	D		10		Limestone (80%), as above; Shale (20%), light greenish grey, micromicaceous, calcareous; Shale, trace, black, bituminous.	

SAMPLES NOT LAGGED

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

(Delete as Appropriate)

BANFF OIL LTD.

GEOLOGICAL SAMPLE DESCRIPTION						Sheet No. 4
From	To	Core C Depth, D	No. of Ft. Perfor.	No. of Ft. Non-Perfor.	Notes	Banff Aquit GPD Oscar Creek J-48
1100	1130	D		30		Shale (80%), as above; Limestone (20%), as above.
1130	1140	D		10		As above with limestone (20%), greenish grey, argillaceous, tight.
1140	1150	D		10		As above with trace dolomite, brown, cryptocrystalline, hard, tight, with one chip anhydrite, white.
1150	1160	D		10		Limestone (50%), light grey to greyish tan, microcrystalline tight; Shale, light greenish grey, micromicaceous.
1160	1190	D		30		As above with occasional chip dolomite, brown, crypto- crystalline, hard, tight. Note--samples from 1160'-1300' very poor, very finely ground
1190	1200	D		10		Limestone (80%), light brown to buff, cryptocrystalline, tight; Shale (20%), light greenish grey, micromicaceous, cal- careous.
1200	1210	D		10		Limestone (50%), as above; Shale (50%), as above with one chip dolomite, dark brown and brown-black, microcrystalline, hard, tight, poor porosity with heavy black oil stain, good cut.
1210	1270	D		60		Limestone (50%), as above; Shale (50%), as above.
1270	1300	D		30		Limestone (70%), as above; Shale (30%), as above.
1300	1310	D		10		Dolomite (75%), brown to dark brown, microcrystalline to crystalline, fine grained, tight, no visible porosity. <u>BEAR ROCK</u> — 1,298' (-584')
1310	1320	D	3	7		Dolomite (100%), brown to dark brown-black with trace light grey, microcrystalline to crystalline, fine grained, tight, in part bituminous; trace clear calcite; Dolomite, trace, light tan, crystalline, fine grained, trace porosity (estimated @ 4%).
1320	1330	D		10		Dolomite (100%), brown to dark brown-black, microcrystalline to crystalline, fine grained, in part sucrosic, tight, trace very poor intercrystalline porosity, trace bitumen, trace clear calcite.

SAMPLES NOT LAGGED

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

(Delete as Appropriate)

BANFF OIL LTD.

GEOLOGICAL SAMPLE DESCRIPTION						Sheet No. 5
From	To	Cat. No.	No. of H. Tests	No. of H. Samples	Depth OG.W.	Banff Aquifer GPD Oscar Creek J-48
1330	1340	D		10		Dolomite, as above, with abundant large chunks of bitumen.
1340	1350	D		10		Dolomite (100%), brown to dark brown-black, micro-crystalline to crystalline, fine grained, tight with decrease in amount of bitumen.
1350	1360	D		10		Dolomite, as above with two chips dolomite, light brown, sucrosic, soft, excellent porosity, good stain and cut.
1360	1370	D		10		Dolomite, as above, with no visible oil stain.
1370	1380	D		10		Dolomite (60%), medium grey, crystalline, fine grained, fair porosity completely bitumen filled, faint oil odor; Dolomite (40%), greyish tan to light grey, crypto-crystalline, hard, tight.
1380	1390	D		10		Dolomite (40%), medium grey, crystalline, fine grained, fair to good porosity completely bitumen filled; Dolomite (60%), greyish tan to light grey, crypto-crystalline, hard, tight.
1390	1400	D		10		Dolomite (80%), medium grey to greyish tan, micro-crystalline, hard, tight; Dolomite (20%), medium grey, crystalline, fine grained, fair porosity bitumen filled.
1400	1430	D		30		Dolomite (95%), medium grey to greyish tan, micro-crystalline, hard, tight; Dolomite, trace, medium grey, crystalline, fine grained, fair porosity bitumen filled.
1430	1440	D		10		Dolomite, as above; Anhydrite, trace, medium grey.
1440	1450	D		10		Dolomite (80%), light grey buff to medium grey, crypto-crystalline, hard, tight; Anhydrite (20%), light grey to brown with gypsum.
1450	1470	D		20		Anhydrite (100%), light grey, light brown, buff, hard.
1470	1480	D		10		Dolomite (80%), light to medium grey to buff to tan, cryptocrystalline, hard, tight; Anhydrite (20%), as above.
1480	1510	D		30		Anhydrite (100%), as above.
						DRILLER'S TOTAL DEPTH: 1,510'

SAMPLES NOT LAGGED

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

(Delete as Appropriate)

BANFF OIL LTD.



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: Lost circulation on surface hole, Cretaceous, circulation lost @ 230', regained using sawdust.
- (h) Report of Blowouts: Not applicable

BANFF OIL LTD.

DRILL STEM TEST SUMMARY

WELL NAME Banff Aquit CPD Oscar Creek J-48 LOCATION Unit J, Section 42, Grid 65°-30' 127°-00'

TEST NO 1 DATE Sept. 21/70 INTERVAL 1,390'-1,510' FORMATION Best Rock

VALVE OPEN 90 Mins SHUT-IN 90 / 90 Mins

BLOW Good initial puff. Strong air blow decreasing to weak through test.

FLUID TO SURFACE Nil

RECOVERY 150' drilling mud; 90' black sulphurous water

IHP 604 IFP 69 ISIP 488 TEMP 70°F

FHP 601 FFP 128 FSIP 321

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

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 21, 1970

WELL NAME Banff Aquit GPD Oscar Creek J-48 LOCATION Unit J, Section 48,
Grid 65°-30', 127°-00'

TEST DATA:

INTERVAL 1,300' - 1,510' SUB-SEA -586' to -796' FORMATION Bear Rock
 BLOW (Describe) Good initial puff. Strong air blow decreasing to weak through
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: 150' drilling mud
 Water: 90' black sulphurous water
 Oil: Nil

Remarks: (Special Samples, Sampling Points, Samples Retained, Etc.) One sample from top 30' of
fluid; one sample from Middle of fluid (140'); two samples from tool.

RECORD OF FIELD PRESSURES AND TIMES:

Started in Hole	<u>11:00 a.m.</u>	Out of Hole	<u>7:30 p.m.</u>
Initial Hydrostatic		Pressure	<u>604</u> psi
Valve Open (Initial)	<u>2</u> Mins.	Pressure	
Initial Shut-in	<u>90</u> Mins.	Pressure	<u>488</u> psi
Valve Open	<u>90</u> Mins.	Pressure (initial)	<u>69</u> (final) <u>128</u> psi
Final Shut-in	<u>90</u> Mins.	Pressure	<u>321</u> psi
Final Hydrostatic		Pressure	<u>601</u> psi
Temperature	<u>70°F</u>		
Remarks			

HOLE DATA:

Hole Size & Depth 6-3/4": 1,510' Mud: Wt. 8.4 Visc. 35 W.L.

TESTING EQUIPMENT:

Testing Co. Halliburton Ticket No. 32-19303
 Packer(s): No. 2 Size 5-1/2" Choke (B.H.) 5/8"
 Drill Pipe Size: 3-1/2" IF Drill Collars: Amit 467' L.D. 1-7/8"
 Recorders: (No. & Type) Two
 Special Equipment: (Underline) MFE Tool, Jars, Safety Joint, Pump Out, Sub, Straddle By-Pass,
Etc. MCIP

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

Good test. Halliburton retained charts. Samples to Calgary. Sept. 26/70.

COMPANY REPRESENTATIVE D.J. Jenkins



Your...

Formation Testing Service Report

Depth Top Gauge	1284	Ft.	Blanked Off	No	Date	September 21, 1970		Ticket No.	19303	
ST P.R.D. No.	543		12	Hr. Clock	Dual	Kind of Job Bottom Hole		HOWCO District	High Level	
Pressure Readings	Field		Office Corrected		Tester	W. Wolodko		Witness	D. Jenkins	
Initial Hydro Mud Pressure	608		604		Contractor	Trimble Drilling Ltd.				
Initial Closed in Pressure	488		488		K.B. Elevation	Top Packer Depth	1300	Bottom Packer Depth		
Initial Flow Pressure	65		69		Total Depth	1510		Casing Perforations	Top _____ Bottom _____	
Final Flow Pressure	129		128		Interval Tested	1300 - 1510		Formation Tested	Bear Rock	
Final Closed in Pressure	322		321		Casing or Hole Size	6 3/4		Liner or Rathole Size		
Final Hydro Mud Pressure	599		601		Size Surface Choke	3/4"	Size Bottom Choke	5/8"	Size and Type Wall Packer	5 1/2" ES
Depth Centre Gauge		Ft.	Blanked Off		Size Drill Pipe	3 1/2		ID and Length Drill Collars	1 7/8" x 467'	
ST P.R.D. No.				Hr. Clock	Anchor I.D. Size	O.D.		Amount-Type of Cushion		
Pressure Readings	Field		Office Corrected		Gauge Depth Temp.	70		°F. max. Mud °F. est. Weight	Mud Viscosity	35
Initial Hydro Mud Pressure					All Depths Measured From	K.B.		No. Folders Reproduced	8	
Initial Closed in Pressure					Time Periods (Minutes)					
Initial Flow Pressure					1st Flow	2	Initial CIP	90	2nd Flow	90
Final Flow Pressure					Recovered	150	Feet of	Drilling Mud		
Final Closed in Pressure					Recovered	90	Feet of	Black Sulphurous Water		
Final Hydro Mud Pressure					Recovered		Feet of			
Depth Bottom Gauge	1506	Ft.	Blanked Off	Yes	Oil Recovery Degrees API			Water Recovery Specific Gravity		
ST P.R.D. No.	1573		4362	12	Hr. Clock	REMARKS: Tool open at 12:58 pm with fair air				
Pressure Readings	Field		Office Corrected		blow. Tool shut in at 1:00 pm. Tool					
Initial Hydro Mud Pressure	703		709		open at 2:30 with good blow, decreasing					
Initial Closed in Pressure	584		588		to very weak at end of test. Tool shut in					
Initial Flow Pressure	178		177		at 4:00 pm. Pulled loose at 5:30 pm.					
Final Flow Pressure	228		230							
Final Closed in Pressure	415		419							
Final Hydro Mud Pressure	695		701							

LEGAL DESCRIPTION 127 08123.47

FIELD OR AREA OSCAR CR.

PROVINCE N.W.T.

PANF AQUIT CPD OSCAR CR.

Lease No. 1-48

Test No. 1

Owner's District CALGARY

Lease Owner PANF OIL LTD.

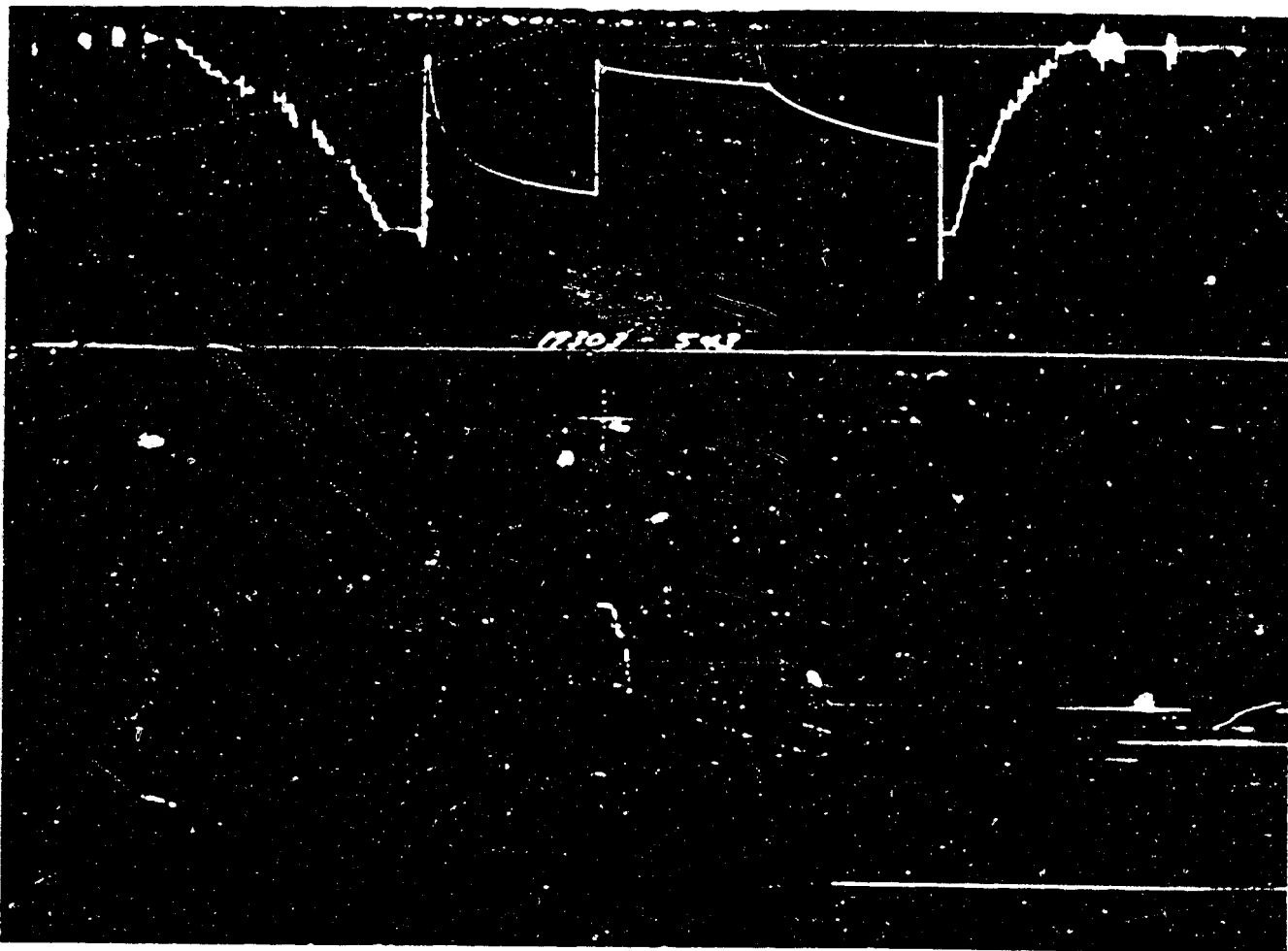
← PRESSURE →

← TIME →

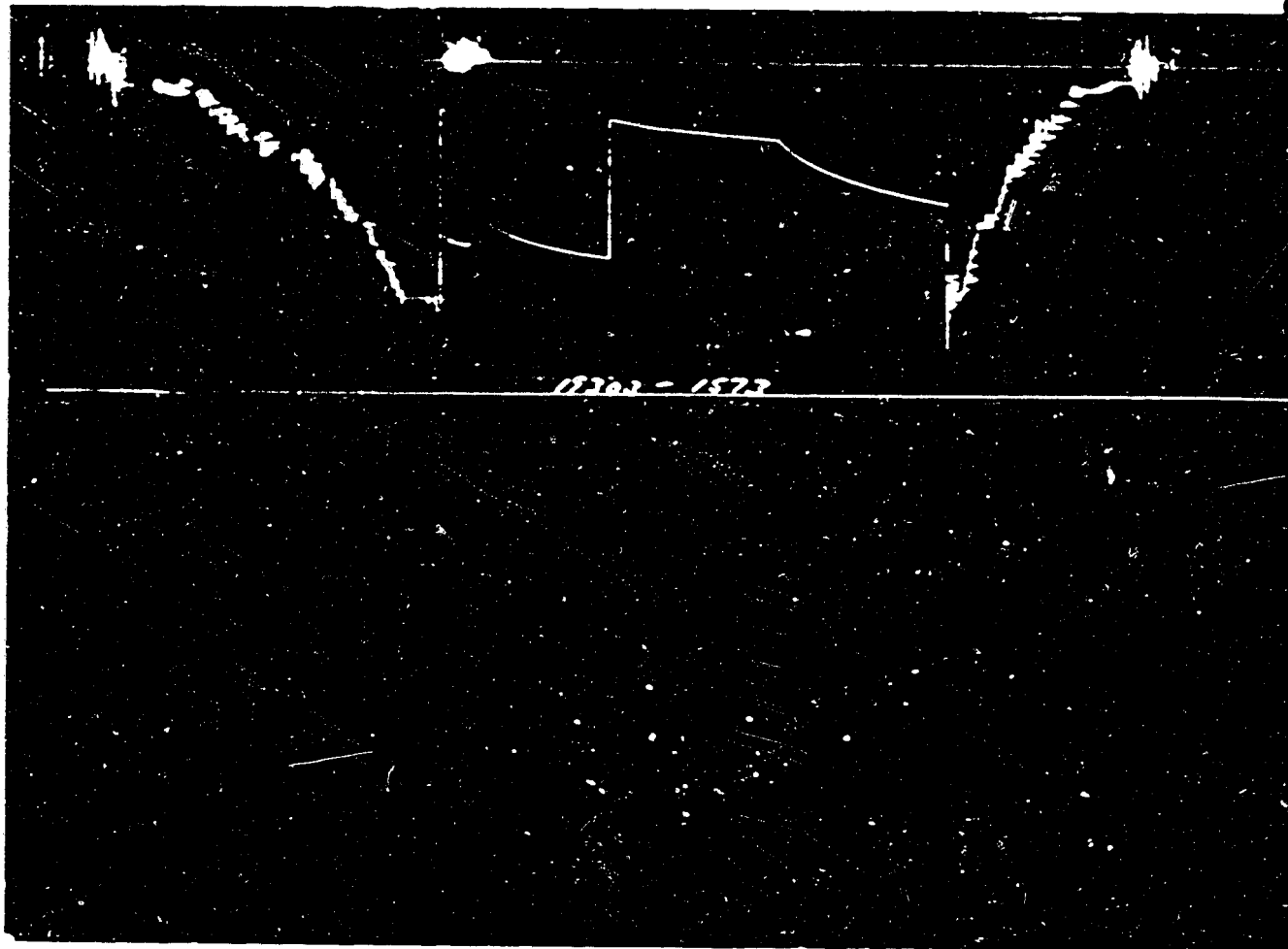
17307 - 543

17303 - 1573

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



TIME



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

Banff Oil Ltd.

CASING INFORMATION

Conductor Casing

Surface Casing

Intermediate Casing O.D. 10-3/4"

Production Casing

Liner

Well Banff Aquit CPD Oscar Creek J-48 Location Unit J, Section 48, grid 65°-30', 127°-00' Date September 13, 1970

Jts. on Locat.	Ft. on Locat.	Csg. Wt.	Gr.	Rgs.	Thd.	T&C.	Make	Jts. Run	Depth Landed	Ft. Run in Well
3	61.61'	40.5#	K55	2	None			3	61'	61.61

Shoe: Make N11 Type _____ Length _____Collar: Make N11 Type _____ Length _____

Landing Joint (when used) Length _____

Overall Length of Casing String _____

Feet up from K.B. (Subtract) _____

Setting Depth: By Driller 61 By Tally _____Shoe Joint: Overall N/A (Subtract) _____Float Collar Landed: By Driller N/A By Tally _____

CENTRALIZERS

Make N11

Number _____

Positions _____

No. of Collars Welded Two

SCRATCHERS

Make N11

Number _____

Positions _____

Remarks: Cement @ 61' K.B. with 50 sx Permafrost cement, displaced by volume.Agent of Operator D. J. Jenkins

Banff Oil Ltd.

RUNNING AND CEMENTING

Conductor Casing

Surface Casing

Intermediate Casing O.D. 10-3/4"

Production Casing

43mm

GENERALWell Banff Aquit GPD Oscar Creek Location Unit J, Section 43 Date September 13, 1970
J-48 Grid 65°-30', 127°-00'K.B. Elevation 714' K.B. Csg. Flge. _____ Total Depth (Driller) 61'

Hole Size	<u>13-3/4"</u>			Casing in Hole		
Depth	<u>61'</u>			Depth Set		

Mud: Type Water-gel Wt. _____ Visc. 75 W.L. _____R.O.P.'s N11RUNNINGPower Tongs N11 Torque: Max. _____ Nom. _____ Min. _____

Time pipe started _____ Time on Bottom _____ Time Circulated _____

Fill-up Points _____ Btm. by Csg. 61' Ft. up from K.B. .61'

Remarks _____

CEMENTINGCement Co. Halliburton Operator W. Wolodko Time on Location StandbyTypes & Quantities of Cement 50 ex PermafrostHt. to be Cemented To surfaceWater ahead 2 bbls. Mix Times: Start 3:15 Finish 3:30 Slurry Wt. 14.7 ppgCalc. Disp. _____ bbls. Est. Disp. Time 5 Mins. Start 3:30 Finish 3:35

Max. Pumping Press. _____ Bump. Press. _____ Bumped by _____ No. Times Bumped _____

Cement Returns: Yes/No. Remarks _____

LANDINGTime Landed 3:35 Date Sept. 13/70 Init. Wt. of Cem. String (less blocks) _____

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

Slip & Seal Assembly _____ Remarks _____

Agent of Operator D.J. Jenkins

Banff Oil Ltd.

RUNNING AND CEMENTING

Surface Casing

Intermediate Casing

O.D. 7-5/8"

Production Casing

4-1/2"

GENERAL

Well Banff Aquit GPD Oscar Creek Location Unit J, Section 48 Date September 16, 1970
J-48 Grid 65°-30', 127°-00'K.B. Elevation 714' K.B. Csg. Fige. 10.2' Total Depth (Driller) 460'

Hole Size	<u>13-3/4"</u>	<u>9-7/8"</u>		Casing in Hole	<u>10-3/4"</u>	
Depth	<u>61'</u>	<u>460'</u>		Depth Set	<u>61'</u>	

Mud: Type Gel-water Wt. Visc. 75 W.L. H.O.P.'s N11

RUNNING

Power Tonge N11 Torque: Max. Norm. Min. Time pipe started Time on Bottom 2:30 p.m. Time Circulated 1 hourFill-up Points Btm. by Csg. 460' Ft. up from K.B. 35.11Remarks

CEMENTING

Cement Co. Halliburton Operator W. Wolodko Time on Location StandbyTypes & Quantities of Cement 150 sx oilwell + 3% CaCl₂; 20 sx Permafrost; 178 sx Oilwell +4% CaCl₂ Ht. to be Cemented To surfaceWater ahead 5 bbls. Mix Times: Start 3:40 Finish 4:10 Slurry Wt. 15.2 ppgCalc. Disp. bbls. Est. Disp. Time 10 Min. Start 4:20 Finish 4:30Max. Pumping Press. 100 Bump. Press 1000 Bumped by Halliburton No. Times Bumped 1Cement Returns: Yes No. Remarks Re-cement with 20 sx Permafrost and 70 sx oilwell; then 4 hours later with 108 sx oilwell to surface and 28 sx oilwell + 4% CaCl₂ in cellar.

LANDING

Time Landed 4:30 p.m. Date Sept. 16/70 Init. Wt. of Cem. String (less blocks) Wt. Landed in Slips Make of Bowl Nom. Size 8-5/8 to 7-5/8 Series 600Slip & Seal Assembly Remarks Agent of Operator: D.J. Jenkins

Banff Oil Ltd.

ENGINEERING PIPE TALLY SHEET

WELL NAME Banff Aquila GPD Oscar Creek J-48DATE September 13, 1970

20	00								
21	24								
20	37								
61	61								

TUBING/CASING

O.D. 10-3/4"Wt. 40.5#Grade K55Range 2Thread N/ACollar Slip onMake Mann.

SUMMARY

Col. 1	61	61
2		
3		
4		
5		
	61	61
Fwd.		
Fwd.		
Fwd.		
	61	61
	61	61

Tallied by: D. Jenkins3 Tot. Jts. on location- Jts. out (Incl. Ldg. Jt.)3 Jts. perm. in hole

Remarks:

Cut off 3'
Measured threads off

Agent of Operator D.J. Jenkins

Banff Oil Ltd.

ENGINEERING PIPE TALLY SHEET

WELL NAME Banff Aquit GPD Oscar Creek J-48DATE September 16, 1970

35	74								
39	40								
35	19								
35	66								
35	43								
36	70								
40	42								
41	18								
37	21								
35	27								
41	28								
* 41	48								
* 37	75								
529	46								

TUBING/CASING

O.D. 7-5/8"Wt. 26.4#Grade K55Range 3Thread 8 RdCollar LT&CMake Namn.

SUMMARY

Col. 1	529	46
2		
3		
4		
5		
	529	46
Fwd.		
Fwd.		
Fwd.		
	529	46
	82	83
	446	63

Tallied by: D. Jenkins14 Tot. Jts. on location2 Jts. out (Incl. Ldg. Jt.)12 Jts. perm. in hole

Remarks:

* Joints left out

Cut off 3.60'

Measured threads off

Agent & Operator D.J. Jenkins

MUD AND ADDITIVE SUMMARY

Page 1

Bartf Aguir: GPO Oscar Creek 3-48

Web Name

Date	Time	Depth	Mud wt	Viscosity	Water Loss	pH	Filter Cake	Gel Strength	Additives
Sep.15	24 hr	310'		75					26 sx Gel; 19 sx Sawdust
Sep.16	24 hr	447'		75					
Sep.18	24 hr	650'	8.6	28					Water
Sep.19	24 hr	1,323'	9.0	35					20 sx Gel
Sep.20	24 hr	1,489'	9.1	35					
Sep.21	24 hr	1,510'	9.1	35					
									TOTAL ADDITIVES FOR WELL: 46 sx Gel and 19 sx Sawdust

Banff Oil Ltd. PLUG-BACK AND ABANDONMENT REPORT

Well Banff Aquit GPD Oscar Creek J-48Location Unit J, Section 48, Grid 65°-30', 127°-00'

Hole Size	13-3/4"	9-7/8"	6-3/4"	
Depth	61'	460'	1,510'	

K.B. Elev. 714'F.T.D. 1,510'

Casing in Hole	Size	Set at	Top of Cement
Surface Casing	7-5/8"	460'	Surf.
Production String			

Fluid in Hole Drilling mudPlug Back String 3-1/2" IF Drill PipeService Company HalliburtonCons. Bd. Officer None

	Plug #1	Plug #2	Plug #3	Plug #4	Plug #5	Plug #6
Date	Sept. 22	Sept. 22				
Interval — Top Bottom	800' 1,510'	Surface 800'				
Formation — Name Depth	Hume 983 Bear Rock 1298	Hare Indian 482				
Calipered Hole Size (Average)	7-1/2"	-				
Type of Cement	Oilwell	Oilwell				
Number of Sacks	200	200				
Additives	Nil	Nil				
Bbls. of Water Ahead	5	5				
Displacement — Bbls. Water Bbls. Mud						
Slurry Weight	15.5	15.5				
Mixing Times — Start Finish	1:00 1:15	3:00 3:15				
Displacing Times — Start Finish	1:15 1:30	3:15 3:30				
Felt Plug Time	N/A	9:00 pm				
Felt Plug Depth	N/A	135'				

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

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

Remarks _____

Agent of Operator D.J. Jenkins

S
E
C
T
I
O
N

I
V

SECTION IV - Logs

DATE RUN	RUN NUMBER	INTERVAL	TYPE
September 20, 1970	1	1,512' - 350'	Formation Density Log
September 20, 1970	1	1,511' - 458'	Induction Electrical Log
September 20, 1970	1	1,510' - 25'	Borehole Compensated Sonic Log

BANFF OIL LTD.

SECTION V - Analysis

Water samples taken; not available; samples lost in transport.

SECTION VI - Completion Summary

Not applicable

Submitted by Banff Oil Ltd.

Date: Nov 13, 1970

Per: W. M. Boyer

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 BARRE Aquit GPD Oscar Cr J-48 AREA NWT DATE SEP. 22 1970

Tide — 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	
		1510				11 (m)							1475.48	
Driller	8	BITS	No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Derrick	8													
Floor	8													
Floor	8													
Floor	8		MUD							At Surveys Degree		MOTOR HOURS		Next Oil Change
Floor	8		WEIGHT									1		
Motor	8		VISCOSITY									2		
Mechanic	8		GEL									3		
Extra		PUMPS	No. 1	Pressure								4		
Injuries			Model	S.P.M.								5		
First				Liner Size	Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Left on Spool	Next Slip
			No. 2	Pressure										
			Model	S.P.M.	General									
				Liner Size										

Year — 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 No. _____ O.D. _____ I.D. _____ Wgt. _____				FUEL Gals. _____		WATER Bkts. _____		COAL Tons _____		Stands Singles _____	
Driller <u>R. H. Anderson</u> Derrick <u>Jack Burger</u> Floor <u>Frank Allen</u> Floor <u>Chuck Doster</u> Floor <u>W. H. Walker</u> Motor <u>Mike Cowg</u> Mechanic _____ Extra <u>W. H. Walker</u> Inspector <u>W. H. Walker</u>		B No. _____ Size _____ Type _____ Size Jets _____ Serial No. _____ Weight _____ R.P.M. _____ Ft. Drilled _____ Hrs. _____ Feet Reamed _____ Hrs. _____		S Run Plug #1 (1510-800) 200 net wt. Run Plug #2 (1510-800) 200 net wt.															CONDITION D. Collars _____ Other Ft. _____ C.B. Ft. _____ Subs. Ft. _____ Ft. Up On Kelly _____ TOTAL _____									
		MUD 8 a.m. 10 a.m. 12 noon 2 p.m. Additives _____		At Survey Degree _____ MOTOR HOURS _____ Next Oil Change _____																								
		WEIGHT VISCOSITY GEL		checked with sand line @ 9 F.P. Plug @ 135'																								
		No. 1 Pressure _____ Model _____ S.P.M. _____		No. 2 Pressure _____ Model _____ S.P.M. _____																								
		Liner Size _____		Liner _____																								
		Size _____ TRIPS _____ No. Lines _____ TON MILES _____ TOTAL MILES _____ Slip _____ Feet or _____ Cut _____ Feet Left on Spool _____ Next Slip _____		General 130120-29-8 hr																								

Tour — 4 — 2 to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS			FUEL	WATER	CCAL	Stands					
Specify or Not Hours worked	Hrs.							No.	O.D.	I.D.	Wgt.	Gals.	lbs.	Tons	Singles			
Driller <i>H. M. ...</i>	<i>14</i>	BITS	No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars			
Derrick <i>Long Kelly</i>	<i>14</i>															Other Ft.		
Floor <i>Long Kelly</i>	<i>14</i>															C.B. Ft.		
Floor <i>Long Kelly</i>	<i>14</i>															Subs. Ft.		
Floor <i>Long Kelly</i>	<i>14</i>															Ft. Up On Kelly		
Motor <i>Bill Collins</i>	<i>14</i>		MUD									At Survey: Degree	MOTOR HOURS	Next Oil Change	TOTAL			
Mechanic			WEIGHT										1					
Extra			VISCOSITY										2					
			GEL										3					
													4					
													5					
Injuries: <i>Cleaned up around old lease</i>		PUMPS	No. 1	Pressure					Size	TRIPS	No. Lines	TON MILES	TOTAL MILES	Slip	Feet or	Cut	Feet Let on Spool	Next Slip
			Model	S.P.M.														
					Line Size													
Fires:			No. 2	Pressure					General									
			Model	S.P.M.														
				Line Size														
			W.L.		F.C.		pH.											

REMARKS	Time		
	Start	Stop	Interval
LAY DOWN 5 1/2" DRILL COLLARS RUN IN OPEN END PICK UP IS SINGLES TO REPLACE DRILL COLLARS CIRC & WAIT ON ORDERS	12:00		
		5:00	5
	5:00	8:00	3
			<u>8</u>
Company Time	Cont'r Time		
Lay down 24 joints drill pipe	12:30	17:30	4:00
Run cement plugs with HAZARDUS	12:30	2:30	2:00
Run plug #2	2:30	2:45	15
Run plug #2	2:45	3:00	15
LAY DOWN PIPE	3:00	4:00	1:00
Company Time	Cont'r Time		
Laid Down Delay - Sept 22			
Dug out Bit Set Table			
Laid Down B O P S			
Cleaned Pumps			
Cleaned Mud Tanks			
Unbolted mud tank			
Went Floor Line			
Packed up some			
Rig Released 10 PM			
Company Time	Cont'r Time		

Totco Ring on Bit No.

D.P. Calipered Date

Results

From Pipe Rack

Total Contractor Time _____ **Hrs.**

Toolpush

B.O.P. Test-Operated

Time:

Results

Total Company Time _____ Hrs.

Approved

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 Hgwt GPO Osmar T-48 AREA N.W.T. DATE Sept 2, 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		Hrs.		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
Driller	<u>15:10</u>	<u>8</u>		<u>27 1/2 17 5/8 23 2 1/2</u>												<u>1023.94</u>
Derrick	<u>8</u>	<u>8</u>														<u>467.25</u>
Floor	<u>8</u>	<u>8</u>														<u>Other Ft.</u>
Floor	<u>8</u>	<u>8</u>														<u>C.B. Ft.</u>
Floor	<u>8</u>	<u>8</u>														<u>Subs. Ft.</u>
Motor	<u>8</u>	<u>8</u>														<u>2.95</u>
Mechanic	<u>8</u>	<u>8</u>														<u>Ft. Up On Kelly</u>
Extra																<u>24</u>
Injuries:																<u>TOTAL</u>
Fires:																<u>1510.24</u>
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.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
Driller	<u>15:10</u>	<u>8</u>		<u>27 1/2 17 5/8 23 2 1/2</u>												<u>1023.94</u>
Derrick	<u>8</u>	<u>8</u>														<u>467.25</u>
Floor	<u>8</u>	<u>8</u>														<u>Other Ft.</u>
Floor	<u>8</u>	<u>8</u>														<u>C.B. Ft.</u>
Floor	<u>8</u>	<u>8</u>														<u>Subs. Ft.</u>
Motor	<u>8</u>	<u>8</u>														<u>2.95</u>
Mechanic	<u>8</u>	<u>8</u>														<u>Ft. Up On Kelly</u>
Extra																<u>24</u>
Injuries:																<u>TOTAL</u>
Fires:																<u>1510.24</u>
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.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
Driller	<u>15:10</u>	<u>8</u>		<u>27 1/2 17 5/8 23 2 1/2</u>												<u>1023.94</u>
Derrick	<u>8</u>	<u>8</u>														<u>467.25</u>
Floor	<u>8</u>	<u>8</u>														<u>Other Ft.</u>
Floor	<u>8</u>	<u>8</u>														<u>C.B. Ft.</u>
Floor	<u>8</u>	<u>8</u>														<u>Subs. Ft.</u>
Motor	<u>8</u>	<u>8</u>														<u>2.95</u>
Mechanic	<u>8</u>	<u>8</u>														<u>Ft. Up On Kelly</u>
Extra																<u>24</u>
Injuries:																<u>TOTAL</u>
Fires:																<u>1510.24</u>

REMARKS		Start	Stop	Interval
WAIT ON ORDERS		12:00	8:00	8
W. O. O.		8:22	9:32	1:10
MAKE UP TESTING TOOL WITH HALLIBURTON		9:32	11:20	1:48
TESTING WITH HALLIBURTON		11:20	12:20	1:00
CHECK HALLIBURTON SHUT-OFF WORKS (OK)				
TESTING WITH HALLIBURTON		5:30	7:30	2:00
HALLIBURTON SHUT-OFF		7:30	8:00	0:30
WAIT ON ORDERS		8:00	12:00	4:00

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 Barrif Area GPO OSCAR CR-47 AREA NW1 DATE Sept 20 1970

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
1433	5 1/2	1489	6 1/2	2710	17	5 1/2	23 1/2				
3	6 3/4	OWC	3-11	TE913	15M	80	56	1.6			

MUD: 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives: WATER
WEIGHT: 91 91 91
VISCOSITY: 35 37 35
GEL: 2
PUMPS: No. 1 Pres. 500 600 600 S.P.M. 80 84 84
No. 2 Pres. 6 6 6 S.P.M. 6 6 6
General: Desinter Operation - 10.2
Underflow - 9.0

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
1489	21	1510	2 1/4	TE913	17	5 1/2	23 1/2				
3	6 3/4	OWC	3-11	TE913	15M	80	77	9.4			

MUD: 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives:
WEIGHT: 90 90 90
VISCOSITY: 35 35 35
GEL: 2
PUMPS: No. 1 Pres. 600 600 S.P.M. 85 85
No. 2 Pres. 6 6 S.P.M. 6 6
General:

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
1510	—	—	—	—	—	—	—	—	—	—	—
3	6 3/4	OWC	3-11	TE913	—	—	77	9 1/2			

MUD: 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives:
WEIGHT:
VISCOSITY:
GEL:
PUMPS: No. 1 Pres. 11 11 S.P.M. 11 11
No. 2 Pres. 11 11 S.P.M. 11 11
General:

REMARKS

Rig Serv & BOP
Run in w/ B.T. #3
Darning

Start	Stop	Interval
12:00	12:15	1/4
12:15	1:30	1 1/4
1:30	8:00	6 1/2
		8

Company Time Cont'r Time

Rig Serv & BOP
Drill 6 3/4 Hole
Circ. wait on loggers
Trip out to log
IES 1511-458
FDC 1512-350
BHC-SERC 1510-25

Start	Stop	Interval
8:00	8:15	1/2
8:15	11:00	2 3/4
11:00	3:40	4 2/3
3:45	4:00	1/4
		8

Company Time Cont'r Time

Final Hoist
Rig up Schlumberger
To log
Logging
about on orders

Start	Stop	Interval
4:00	5:00	1
5:00	5:30	1/2
5:30	10:30	5

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 Panel ABUT BPD Blackfoot T-4 AREA N.W.T. DATE SEPT 19 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		Hrs.		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		D. Collars		Other Ft.			
Driller	Paul Loziak	8		1200	123	1323	3 3/4	27m	17	5 1/2	27m	17	5 1/2	27m	17	5 1/2	27m	17	5 1/2	27m	17	5 1/2	27m	17	5 1/2	27m	17	5 1/2	27m	17	5 1/2	27m	
Derrick	Bill Lisner	8		1	6 3/4	54T	3-11	252994	15m	160	769	17 1/2																					
Floor	Darry Dargatz	8		2	6 3/4	54T	3-12	263590	15m	180	92	3 1/4																					
Floor	Bill Woodro	8		MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change																	
Floor				WEIGHT																													
Motor	DAVE JAMES	8		VISCOSITY																													
Mechanic				GEL																													
Extra				No. 1 Pres- sure		600		600		600		600																					
Injuries:				Model S.P.M.		92		92		92		92																					
Fires:				Liner Size		6		6		6		6																					
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							
Driller	LOREN GARCIA	8		1323	70	1343	7 3/4	22m	17 1/2	5 1/2	22m	17 1/2	5 1/2	22m	17 1/2	5 1/2	22m	17 1/2	5 1/2	22m	17 1/2	5 1/2	22m	17 1/2	5 1/2	22m	17 1/2	5 1/2	22m	17 1/2	5 1/2	22m	
Derrick	ANDY PAPP	8		2	6 3/4	54T	3-12	263590	15m	180	92	3 1/4																					
Floor	BEN ZILCAV	8		MUD		8 a.m.	10 a.m.	12 Noon	2 p.m.	Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change																	
Floor	BEN NIELSEN	8		WEIGHT		9.1		9.2		9.2		9.2																					
Motor	KEITH HANSEN	8		VISCOSITY		40		39		38		38																					
Mechanic	KEITH GARCIA	8		GEL																													
Extra	PRINCE NIELSEN	8		No. 1 Pres- sure		600		600		600		600																					
Injuries:				Model S.P.M.		92		92		92		92																					
Fires:				Liner Size		6		6		6		6																					
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							
Driller	R. Anderson	8		1393	40	1433																											
Derrick	JACK BOUQUET	8		2	6 3/4	54T	3-12	263590	15m	180	92	3 1/4																					
Floor	LOUIE ALLEN	8		MUD		4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change																	
Floor	CHUCK DUTCH	8		WEIGHT		29		37																									
Motor	ALICE GOWD	8		VISCOSITY		29		37																									
Mechanic				GEL																													
Extra				No. 1 Pres- sure		600		600		600		600																					
Injuries:				Model S.P.M.		92		92		92		92																					
Fires:				Liner Size		6		6		6		6																					
General				Size		TRIPS		No. Lines		TON MILES		TOTAL MILES		Slip		Feet on Spool		Cat		Feet Left on Spool		Next Slip											
Boiler #9 - 9 HRS																																	
Strap out - 1443-22																																	
Pipe Tally - 1443-90 - 272 Riff																																	

REMARKS		Time		
		Start	Stop	Interval
Rig Serv - V BOPs		12:00	12:15	1/4
Drilling 6 3/4" Hole		12:15	12:45	1/2
Trip out For Bit #2		12:45	3:00	2 1/4
Drilling 6 3/4" Hole		3:00	5:15	2 1/4
Circulate - mix mud		5:15	6:45	1 1/2
Drilling		6:45	7:45	1
Survey		7:45	8:00	1/4
Company Time		Cont'r Time		
Rig Service BOPs		8:00	8:15	1/4
Drilling		8:15	4:00	2 1/4
Company Time		Cont'r Time		
Drill 6 3/4" Hole		4:00	6:00	2
Rig Serv - BOP		6:00	6:15	1/4
Drill 6 3/4" Hole		6:15	9:00	2 3/4
Trip For Bit #2		9:00	12:00	3 1/4
Company Time		Cont'r Time		
Total Contractor Time		Hrs.		
Total Company Time		Hrs.		

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

Approved By: [Signature]
Toolpusher: _____
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. 7 LOCATION LANE ABUIT GPD OSCAR CREEK T49 AREA N.W.T DATE SEPT 18 1970

Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs.
Driller	Paul LOZAK	11		
Derrick	BILL LICHKA	11		
Floor	DARY DARGATZ	9		
Floor	BILL WOLODKO	9		
Motor	DAVE JAMES	11		
Mechanic				
Extra				
Injuries:	SPOT SLURBBER			
Fires:	UNIT & UNIVAO			
	NoD WELL.			

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	No.	O.D.	I.D.	Wgt.	FUEL	Gals.	WATER	Bbls.	COAL	Tons	Stands
460	170	630	3 1/4	24	17	5 1/2		22							16 1/2
No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars	Other Ft.	C.B. Ft.	Subs. Ft.
1	6 3/4	S4T	3-11	252994	15	110	170	3 1/4			Running	467.25			
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives															
WEIGHT WATER															
VISCOSITY															
GEL															
At Surveys Degree MOTOR HOURS Next Oil Change															
570 1 1/4 1 2 3 4 5															
PUMPS															
No. 1	Pressure	400	400	500	500										
Model	S.P.M.	80	80	90	90										
Liner Size	6	6	6	6											
No. 2	Pressure														
Model	S.P.M.														
Liner Size															
W.L. F.C. pH.															

Tour — 8 a.m. to 4 p.m.		Specify actual hours worked		Hrs.
Driller	LOZAK	8		
Derrick	LOZAK	8		
Floor	LOZAK	8		
Floor	LOZAK	8		
Motor	LOZAK	8		
Mechanic				
Extra				
Injuries:				
Fires:				

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	No.	O.D.	I.D.	Wgt.	FUEL	Gals.	WATER	Bbls.	COAL	Tons	Stands
630	400	1030	6 1/2	24	17	5 1/2		22							542.05
No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars	Other Ft.	C.B. Ft.	Subs. Ft.
1	6 3/4	S4T	3-11	252994	15	110	586	9 3/4			Running	467.25			
MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives															
WEIGHT WATER															
VISCOSITY															
GEL															
At Surveys Degree MOTOR HOURS Next Oil Change															
751 1 1/4 1 2 3 4 5															
PUMPS															
No. 1	Pressure	600	600	600	600										
Model	S.P.M.	136	136	136	136										
Liner Size	6	6	6	6											
No. 2	Pressure														
Model	S.P.M.														
Liner Size															
W.L. F.C. pH.															

Tour — 4 p.m. to Midnight		Specify actual hours worked		Hrs.
Driller	LOZAK	8		
Derrick	LOZAK	8		
Floor	LOZAK	8		
Floor	LOZAK	8		
Motor	LOZAK	8		
Mechanic				
Extra				
Injuries:				
Fires:				

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	No.	O.D.	I.D.	Wgt.	FUEL	Gals.	WATER	Bbls.	COAL	Tons	Stands
1040	151	1200	7	24	17	5 1/2		22							28 1/2
No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars	Other Ft.	C.B. Ft.	Subs. Ft.
1	6 3/4	S4T	3-11	252994	15	110	737	16 1/2			Running	467.25			
MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives															
WEIGHT WATER															
VISCOSITY															
GEL															
At Surveys Degree MOTOR HOURS Next Oil Change															
1052 1 1/4 1 2 3 4 5															
PUMPS															
No. 1	Pressure	600	600	600	600										
Model	S.P.M.	86	86	86	86										
Liner Size	6	6	6	6											
No. 2	Pressure														
Model	S.P.M.														
Liner Size															
W.L. F.C. pH.															

REMARKS	Time		
	Start	Stop	Interval
Top cement in Surface ceg 2594			
R.9 SERV.	12:00	12:15	1/4
DRILL OUT Plug + FLIGHT	12:15	2:00	1 3/4
DRILLING CEMENT + SHOE	2:00	4:00	2
DRILLING 6 3/4 Hole	4:00	5:15	1 1/4
CIRCUITE + W.O.O. (Geologists Chart)	5:15	6:45	1 1/2
DRILLING 6 3/4 Hole	6:45	8:45	1
SURVEY	8:45	7:00	1/4
DRILLING	7:00	8:00	1
			7
Company Time			
Cont'r Time			
R.9 SERV. B.O.P.	8:00	8:15	1/4
DRILLING	8:15	9:30	1 1/4
Put on Kelly Couk	9:30	10:00	1/2
SURVEY	10:00	10:15	1/4
DRILLING	10:15	12:15	2
SURVEY	12:15	12:30	1/4
DRILLING	12:30	3:15	2 1/4
Circ Sample 21034	3:15	3:30	1/4
DRILLING	3:30	4:00	1/2
			8
Company Time			
Cont'r Time			
R.9 SERV. B.O.P.	4:00	4:15	1/4
SURVEY	4:15	4:30	1/4
DRILL 6 3/4 Hole	4:30	10:30	6
SURVEY + Clean sample Trap	10:30	11:00	1/2
DRILL 6 3/4 Hole	11:00	12:00	1
			8
Company Time			
Cont'r Time			
Total Contractor Time			
Total Company Time			
Toolpusher			
Approved by			

Totco Ring on Bit No.

D.P. Calipered Date

Results

From Pipe Rack

Total Contractor Time

Toolpusher

B.O.P. Test-Operated

Time

Results

Total Company Time

Approved by

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

BANEE AQUIT GPD OSCAR CREEK
148

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 BANEE on T-48 OSCAR CREEK AREA N.W.T. DATE SEPT 17 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 <u>Paul LOZAK</u>		16		460																								Singles		R.9 SFFV.			12:00			12:15			1/4		
Derrick <u>BILL LISCHKA</u>		16																										D. Collars		CEMENT ALONG SIDE CASING			12:15								
Floor <u>DARRY DARGATE</u>		16																										Other Ft.		FROM CELLAR + BOTTOM OF CELLAR											
Floor <u>BILL WOLODAR</u>		8																										C.B. Ft.		FINISH CLEANING MUD TANKS											
Motor <u>DAVE JAMES</u>		16																										Subs. Ft.		HOOK UP ACCUMULATOR LINES											
Mechanic																												Ft. Up On Kelly		PRESSURE UP TO CONTROLS											
Extra																												TOTAL		460.37			U.D.C.			8:00			8		
Injuries:																												Next Slip		CAT BESIDE C50 @ 40'											
Fires:																												Next Slip		WITH 140 ST NEAT											
Tour — 8 a.m. to 4 p.m.																																Company Time			Cont'r Time						
Specify actual hours worked		Hrs.		460																								Singles		CUT OFF C50 & WELD			8:00								
Driller <u>James G. Green</u>		8																										D. Collars		ON BOWL			1:00			5					
Derrick <u>Bob Dargate</u>		8																										Other Ft.		PICK UP BOTS &			1:00								
Floor <u>Don Nelson</u>		8																										C.B. Ft.		HEAD UP			4:00			3					
Floor <u>Paul Hanson</u>		8																										Subs. Ft.													
Motor <u>Ken Hansen</u>		8																										Ft. Up On Kelly		CAT SET IN CELLAR											
Mechanic <u>Ken Hansen</u>		8																										TOTAL		460.37			8 AM.								
Extra <u>Perry Norstrom</u>		8																										Next Slip													
Injuries:																												Next Slip													
Fires:																												Next Slip													
Tour — 4 p.m. to Midnight																																Company Time			Cont'r Time						
Specify actual hours worked		Hrs.		460																								Singles		HEAD UP			4:00			6:30			2 1/2		
Driller <u>B. Anderson</u>		8																										D. Collars		PRESS BLIND RANS &			6:30			7:00			1		
Derrick <u>JACK BOURQUE</u>		8																										Other Ft.		MANIFOLD 1000X15 MINS EACH											
Floor <u>Marie Allen</u>		8																										C.B. Ft.		HEAD O.K.											
Floor <u>Chuck Portch</u>		8																										Subs. Ft.		RUN IN CAT TOT 394			7:30			8:45			1 1/4		
Motor <u>Mike Gowda</u>		8																										Ft. Up On Kelly		PRESS HYD. TO 1000X15 MINS			8:45			9:30			3/4		
Mechanic																												TOTAL		PRESS PIPE RANS TO 1000X15 MINS			9:30			10:00			1/2		
Extra																												Next Slip		DRILL OUT CAT			10:00			12:00			2		
Injuries:																												Next Slip													
Fires:																												Next Slip													

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 _____

CALGARY, ALBERTA

DAILY DRILLING REPORT

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

RIG No. 9 LOCATION Barre #1 OSCAR CREEK 1-48 AREA N.W.T DATE Sept 16 1970

[illegible]

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 [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 Banff Aquit GPD OSCAR CREEK AREA N.W.T. DATE SEPT 15 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	Singles
Driller	PAUL LOZAK 12	238	72	310	5	12	12							
Derrick	PAUL LOZAK 12	10	9 7/8	DTT	MON	ENDOT	10	40	256	12 1/4				
Floor	DARRY DARGATE 12													
Floor	B.L. WOODCOCK 8													
Motor	DAVE JAMES 12													
Mechanic														
Extra														
Injuries:	HELP CHOPPER SLING LOADS FROM RIVER (4 HRS)													

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	Singles
Driller	DAVE JAMES 8	310	25	335	4	14	11	54	275	10				
Derrick	DAVE JAMES 8	10	9 7/8	DTT	MON	ENDOT	10	40	276	15				
Floor	DAVE JAMES 8													
Floor	DAVE JAMES 8													
Motor	DAVE JAMES 8													
Mechanic														
Extra														
Injuries:														

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	Singles
Driller	DAVE JAMES 8	335	162	497	7 3/4	14	11	54	275	10				
Derrick	DAVE JAMES 8	10	9 7/8	DTT	MON	ENDOT	10	40	276	15				
Floor	DAVE JAMES 8													
Floor	DAVE JAMES 8													
Motor	DAVE JAMES 8													
Mechanic														
Extra														
Injuries:														

REMARKS	Time		
	Start	Stop	Interval
PULL OUT 2nd HOLE + TAKE	12:00		
OUT JARS	1:00	1:00	1
Rig Setup	1:00	1:15	1/4
MIX UP TANKS OF MUD + SAW	1:15		
Out	2:00	2:00	3/4
RUN IN - CLEAN TO BOTTOM	2:00	2:00	1
DRILLING 9 7/8 HOLE	3:00	9:00	5 1/8
Company Time			
Cont'r Time			
Drilling 9 7/8 HOLE	8:00	11:00	3
Rig Service	11:00	11:15	1/4
Deep Survey & Pull Out	11:15	12:30	1 1/4
HOLE TIGHT			
CHANGE BITS & RUN IN	12:30		
REAM BRIDGE @ 280			
CLEAN 10' FILL	3:00	3:00	2 1/4
DRILLING 9 7/8 HOLE	3:00	4:00	1
Company Time			
Cont'r Time			
Rig Serv	4:00	4:00	
Drill 9 7/8 HOLE	4:15	12:00	
Company Time			
Cont'r Time			

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 _____
 Total Company Time _____ Hrs. Approved by _____

W. C. TRIMBLE DRILLING LTD.
CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

BANEE AQUIT GPD OSCAR CREEK

DAILY DRILLING REPORT

DAY WORK RECORD

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

RIG No. 9 LOCATION BANEE OIL OSCAR CREEK 148 AREA N.W.T. DATE SEPT 14 1970

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	Paul Lazrak	8			43.96												
Derrick	BILL LISCHKA	8			11-12-15	EN207											
Floor	DARRY DARGATE	8															
Floor	BILL WOLOKO	8															
Floor																	
Motor	DAVE JAMES	8															
Mechanic																	
Extra																	
Injuries																	
Fires																	
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	LAUREN GAREZA	12			44	110	254	3		454	23						
Derrick	ANDY KIPP	12			11-12-15	EN207											
Floor	KEN ZITKAS	12															
Floor	OSCE	12															
Floor	KEN HAMMERSON	8															
Motor	KEN GAREZA	12															
Mechanic																	
Extra	PERE MITZING	12															
Injuries	worked over to																
	load cement																
	out of pits																
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	R. ANDERSON	12			154	24	238										
Derrick	WILLIAM HALL	12			11-12-15	EN207											
Floor	WILLIAM HALL	12															
Floor	WILLIAM HALL	12															
Floor	WILLIAM HALL	12															
Motor																	
Mechanic																	
Extra																	
Injuries	Load nets at																
	lines w/ cement																

REMARKS		Time	
		Start	Stop
FINISH RIGGING UP TO DRILL		12:00	
RAT HOLE		1:00	1
DRILL RAT HOLE		1:00	2
PUT IN SOCK, SET IN		3:00	
ROTARY MOTOR & TABLE +			
BOLT DOWN FLOOR PLATES		5:00	2
PICK UP COLLAR & MAKE B.T		5:00	1/2
DROP HAMMER DOWN HOLE -		5:30	
FISH FOR SAME		8:00	2 1/2
			8
Company Time		Cont'r Time	
Fishing For Shear Hammer		8:00	
RECOVER FISH		12:00	4
Drawing 9 3/4" HOLE		12:00	3
WELD ON FLOW LINE +		3:00	
Rig Small Pump To Pump			
GELAR		4:00	1
(COND PIPE WASHED OUT)			8
Company Time		Cont'r Time	
R.G. SERV.			
work TIGHT HOLE		4:00	
11-12-15 9 3/4" HOLE		10:00	1 1/2
lost seal HOLE very TIGHT		10:00	1 3/4
			8
Company Time		Cont'r Time	

Co Ring on Bit No.

D.P. Caliper Date

Results

From Pipe Rack

Total Contractor Time

Toolpusher

Total Company Time

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 AREA N.W.T. DATE SEPT. 13 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	PAUL LOZINK 12	1A	13 3/4	REED	—	E35213	60	44	5					
Derrick	BILL LISCHKA 12													
Floor	DARRY DARGATZ 12													
Floor	BILL WOLOCKO 4													
Floor														
Motor	DAVE JAMES 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	LAUREN GALENZA 12	1A	13 3/4	REED	—	E35313	60	61	8					
Derrick	ANDY PAPP 12													
Floor	KEN ZETLAV 12													
Floor														
Floor	KEN HALVERSON													
Motor	KEN GALENZA 12													
Mechanic														
Extra	PAUL HENDERSON 12													
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	RANSESON	1A	13 3/4	REED	—	E35212								
Derrick	TACK													
Floor	LAURIE ALLEN													
Floor	CHUCK DORTCH													
Floor	A.K. BOWEN													
Motor														
Mechanic														
Extra														
Injuries:														
Fires:														

REMARKS	Time		
	Start	Stop	Interval
Rig up WATER LINE TO RIG TANKS. PUT SUCTION ON PUMP	12:00		
+ PRIME SAME. RIG UP TO SPUD	9:00	4	
SPUD IN. DRILLING CONDUCTOR HOLE 13 3/4"	8:00		
	8:00		8
K.B. TO R.L. 9.90'			
GIRAL 204			
Company Time	Cont'r Time		
FINISH DRILLING CONDUCTOR WELD 3 joints of Csg. To GETHER FOR CON PIPES	8:00	11:00	3
RUN IN SAME TO CEMENT COND. PIPE	2:00	3:00	1
CEMENT COND. PIPE	3:00	4:00	1
Run 3 1/2" 10 3/4" 40.5" K55 CLASS "C" COND. PIPE. CMT W/ 50' SXX HAL. PERMAFROST CMT. DIS. TO 50' 10.6" W/ WATER. LANDED @ 61' K.B.			
Company Time	Cont'r Time		
WORKED ON WATER LINE TO RIG & CAMP. PUT UP MONKEY BOARD & LINGERS RIG UP GD PUMP PUT UP TONG LINES PUT SAFETY LINES ON MONKEY BOARD. PUT WATER MOTOR & TACKLE OVER KATHIE. RIG UP TO TACKLE CAMP.			
Company Time	Cont'r Time		

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

DAY WORK RECORD

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

RIG No. 7 LOCATION BANFF OIL OSCAR CREEK AREA N.W.T DATE SEPT. 12 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	<u>PAUL LOZAK</u>													
Derrick	<u>BILL LISCHKA</u>													
Floor	<u>DARY DARYATZ</u>													
Floor														
Floor														
Motor	<u>DAVE JAMES</u>													
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.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
Driller	<u>LAVERN GARCIA</u>													
Derrick	<u>ANG PAPP</u>													
Floor	<u>KEVIN ZITMAN</u>													
Floor	<u>KATH HALVERSON</u>													
Floor														
Motor	<u>KEVIN GARCIA</u>													
Mechanic														
Extra	<u>DEREK NEUTZING</u>													
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	<u>RANDERS</u>													
Derrick														
Floor	<u>LAURIE ALLEN</u>													
Floor	<u>MILK GOWLA</u>													
Floor	<u>CHUCK DARTCH</u>													
Motor														
Mechanic														
Extra														
Injuries:														
Fires:														

FINISH PUTTING UP DERRICK 8:00
WATER TABLE - DOWN - BOLT
DOWN SAME STRING UP 14 1/2
SPOT CATWALK, PIPE RACKS -
RAMP UNLOAD COLLARS -
CASING. HOOK UP FUEL LINES.
SPOT BLADDER + PUMP FUEL
SPOT HALIBURTON CEMENTER
SPOT SUIT CASES + HOOK UP
SET IN ROTARY TABLE PILE
STRING BLOCKS
Company Time Cont'r Time

UP KELLY SWINGER HOOK
UP STAND PIPE + KELLY HOSE
HOOK START UP DUCK
MOTOR + PUMP MOTOR

SAME AS ABOVE

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. 1 LOCATION Deer Creek B-48 G.L. AREA NWT DATE Sept 11 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>11 Mayo</u>												
Derrick	<u>B. McCracken</u>												
Floor	<u>Long Kaled</u>												
Floor													
Floor													
Motor	<u>Wayne G. 3BS</u>												
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>Paul Lozakh</u>												
Derrick	<u>Bill Lischka</u>												
Floor													
Floor													
Floor													
Motor	<u>DAVE JAMES</u>												
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		No.	Size	Type	Size Jets	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	CONDITION
Driller	<u>LAVERN GALENA</u>												
Derrick													
Floor	<u>Ken Galeena</u>												
Floor	<u>DARRY DARGATE</u>												
Floor	<u>Ken ZITLAU</u>												
Motor													
Mechanic													
Extra													
Injuries:													
Fires:													

REMARKS	Start	Stop	Interval
PUT IN SMALL SUBS - SPRINGER 8.00			
BOLT DOWN DRAWWORKS - PUMP			
DRIVE SPOT MUD PUMPS -			
LINE UP. HAUL IN 3 STORAGE			
BENS, PIPE RACK - SKID FOR			
FUEL BLADDER WITH CHOPPER			
PUT UP FOUR SECTIONS OF			
DERRECK + BOLT DOWN SAME	1020	14	
Company Time		Cont'r Time	
SAME AS ABOVE			
Company Time		Cont'r Time	
K ANDERSON			
LAURIE ALLEN			
MIKE GOWIA			
CHUCK DITCH			
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 J. Lischka
Total Company Time _____ Hrs. Approved by D. Galeena

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 AREA NW DATE Sept 10 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		Hrs.										No. O.D. I.D. Wgt.		Gals.		Bbls.		Tons		Singles					
Driller		11		12																D. Collars					
Derrick		11		12																Other Ft.					
Floor		11		12																C.B. Ft.					
Floor																				Subs. Ft.					
Floor																				Ft. Up On Kelly					
Motor		11		12																TOTAL					
Mechanic																									
Extra																									
Injuries:																									
Fires:																									
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	
Driller		Paul Roziak		12																				Singles	
Derrick		Bill Lechner		12																				D. Collars	
Floor																								Other Ft.	
Floor																								C.B. Ft.	
Floor																								Subs. Ft.	
Motor		Dave James		12																				Ft. Up On Kelly	
Mechanic																								TOTAL	
Extra																									
Injuries:																									
Fires:																									
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	
Driller		Lavern Galezia		12																				Singles	
Derrick		Ken Higonza		12																				D. Collars	
Floor		Lavern Galezia		12																				Other Ft.	
Floor		Ken Galezia		12																				C.B. Ft.	
Floor																								Subs. Ft.	
Motor		Lyle Burns		8																				Ft. Up On Kelly	
Mechanic																								TOTAL	
Extra																									
Injuries:																									
Fires:																									

Lay Matting & Spot 8.00

Subs Level Subs & Pin Spreaders Build Ramp & Put Up Dicks Put Up Starting Legs For Derrick Set in Boiler House Cut Down Brush To (Cordery Lease) (Ready w/ Derrick & Ready For Chopper)

8.00

Company Time Cont'r Time

Same As Above

Company Time Cont'r Time

Same As Above

Company Time Cont'r Time

Same As Above

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.
Total Company Time _____ Hrs.

Toolpusher
Approved

CALGARY, ALBERTA

DANCE MOUNT CPD OSCAR CREEK
DANCE MOUNT CPD OSCAR CREEK

DAY WORK RECORD

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

RIG No. 9 LOCATION RANEE Lk OSCAR CREEK AREA N.W.T DATE SEPT 7 1970

Tour — Midnight - 8 a.m.		Specify actual hours worked		Hrs.																Start		Stop		Interval	
Driller	HENRY MYNIO	14																							
Derrick	E. CROCKETT	14																							
Floor	LARRY KLODY	14																							
Floor																									
Floor																									
Motor	WAYNE GIBBS	14																							
Mechanic																									
Extra																									
Injuries:																									
Fires:																									
Tour — 8 a.m. to 4 p.m.		Specify actual hours worked		Hrs.																Company Time		Cont'r Time			
Driller	PAUL LOZAK	14																							
Derrick	BILL LISCHKA	14																							
Floor																									
Floor																									
Floor																									
Motor	DAVE JAMES	14																							
Mechanic																									
Extra	R. HALVERSON	14																							
Injuries:																									
Fires:																									
Tour — 4 p.m. to Midnight		Specify actual hours worked		Hrs.																Company Time		Cont'r Time			
Driller	LARRY GARCIA	14																							
Derrick	KEVIN H. HANSEN	14																							
Floor	BOB L. HANSEN	14																							
Floor	KEVIN GARCIA	14																							
Floor																									
Motor	LYNN BURNS	14																							
Mechanic																									
Extra																									
Injuries:																									
Fires:																									

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 _____

CALGARY, ALBERTA

THIS COPY FOR OIL & GAS CONSERVATION BOARD

BANEE BQUIT GPD OSCAR CREEK

DAILY DRILLING REPORT

DAY WORK RECORD

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

RIG No. 7 LOCATION Ocean Creek 1471 AREA 11/11 DATE SEPT 7 1970

REMARKS

[illegible]

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		D. Collars					
																												Other Ft.					
																												C.B. Ft.					
																												Subs. Ft.					
																												Ft. Up On Kelly					
																												TOTAL					
																												Next Slip					

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

CALGARY, ALBERTA

DAILY DRILLING REPORT

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

RIG No. 9 LOCATION Oscar Creek H-71 AREA NW T DATE 11/16/20

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

BANFF AQUIT

GPD OSCAR

CREEK

J-48