

PACIFIC
WESTCOAST OSCAR
CREEK

H-77

Drilling Authority No. 268
Date issued 29 June 1967

WELL NAME Pacific West Coast Deep Creek #77
FIELD New Field W. of ... Area:
LOCATION: Unit B Section 77 Grid 65-30; 127-15
Latitude 65-26-22 Longitude 127-28-15
From Established Reference Marker

U.W.L.R. 65-43944 - 127-47084 Rig Release Date: August 8, 1967
U.W.I. No. 300 H 776530 127150 Status V.A.
Information Release Date

CHANGE OF NAME:

DATE RECEIVED	INDEX
29 June 1967	Application for a Drilling Authority. Well Completion Data. Well History Report.
	Application to Amend a Drilling Authority.
	Application to change a Well Name.
5 Sept '67	Application to Abandon a Well or Suspend Drilling. Application to Alter Condition of a Well.
Nov 8/67	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 — Vitter'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 Card.
	New Service Well Report.
	Monthly Water Flood Operations Report
	Monthly Water Receipts and Disposal of Fluids Report Logs. Large scale Small scale

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
RESOURCE MANAGEMENT DIVISION

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

Permit No. **PHNG 4283**

Lease No. _____

Overnight, Limited Express

Chengdu

Section

692922N

Longitude **120°E-13°W**

From Established Reference Marker

Universal Well Location Reference

Pool (E)

Interval(s) open to production:

Elevation: Gr. 197 Datum

K.B.

Drilling Contractor & Rig No. **Tri City Drilling Co. #5**

Contractor's Business Licence No. 18253

Casing Size (Inches)	Grade	Weight	Amount	Set at—	Sacks of Cement and Additives
2 1/2	J-55	140	156	156	53 sacks cement plus 2% CoCl_2
2.					
1 3/4			90	90	Run to hold back gravel. All pulled.
4.					
5.					
6.					

[illegible]

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
8-7-67	2010'	1960'	10 Sox	-				-			
8-8-67	262'	0	45 box Cement returns to site + 2 1/2 c. 222.								

DRILL STEM TESTS

No.	Date	Formation	From	To	V.O. Min.	I.S.I. Min.	P.S.I. Min.	I.S.I.B.H.P.	F.S.I.B.H.P.	I.F.B.H.P.	P.F.B.H.P.	I.H.P.	P.H.P.	REMARKS
1	8-5-67	Kee Scarp	1650	2010										
2	8-6-67	Kee Scarp	1650	2010										
3	8-6-67	Kee Scarp	1650	2010										
4	8-7-67	Kee Scarp	1650	2010	60	30	60	115.5	36.5	36.5	36.5	777	835	Missed Missed Missed Recovered 1000' drilling mud

NOTE: Pressures given are Field pressures.
See Charts for office-corrected pressures.

ANALYSIS				PRESENT STATUS OF WELL			
Lab. No.	Sample	From	To	Source	Remarks	Oil	(Interval)
E67-2909XA	Water	250	296				
E67-2910X1A	Water	1650	2010	Creaceous DST #4			
E67-2910X2A	Water	1650	2010	DST #4			
						Dry	Abandoned
						Susp.	

Company **Pacific Petroleum Ltd.**

Signed by **A. D. ROGAN**

Title **Manager of Production**

Date **November 7th, 1967**

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

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT DIVISION

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

Great Plains Development Corp. of Canada Ltd.

Date of commencement of proposed program

OIL, GAS, AND WATER ENCOUNTERED (Depths)

Oil at 311 (Depth)
 Gas at 311
 Water at 205' to 270' 60-211
 Total Depth 3010 Date of last operations August 3, 1967
 Present condition of well Waiting for Attendance

CASING RECORD

Coring Size O.D. Inches	Weight	Amount	Set As	Seals of Cement and Additives	Amount Filled
3 1/2"	14g	150'	150'	93 sand and 2% Ccfl	Fill
1.					
2.					
3.					
4.					
5.					

PROPOSED ABANDONMENT PROGRAM

Pkg		Geological Formation	Number of Sacks of Cement	Remarks
No.	Position			
one	2010-1960	Bare India	10 sack	
two	0° - 360°	Recent & Cretaceous	35 sack	Good return to surface
Verbal approval was obtained from Mr. Evans of the Dept. of Northern Development to run the well				

The following logs have been run. **ELECTRIC LOG FROM 2000 TO 1700**

Other operations proposed.

Operations to be carried out by **TRI CIL Drilling Co.** Contractor Licence No. **1253**
 Address **120 Avenue, Edmonton** Address **Edmonton, Alberta**
 Responsible Agent in field **W. E. McLean, M.E.**
 Dated at **Edmonton**, this **30** Day of **August** 19**67**
 Signed by **A. D. BOGAN** Company **Pacific Petroleum Ltd.**
 Title **Manager of Production** Operator's Exploratory Licence No. **1071**

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

(For RESOURCE MANAGEMENT DIVISION use only)

APPROVAL

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

CONFIRMING Oral Approval Given by Mr. E. H. J. Snow
on the 3rd of August 1967

Dated 5th September, 19 57

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. 248

Project No.

File No.



DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
RESOURCE MANAGEMENT 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 Pacific Westcoast Oscar Creek B-77
Location: Unit 8 Section 77 Grid 65 30' - 127 13'
Latitude 65° 26' 22" N. Longitude 127° 28' 15" W.
From Established Reference Marker 2700' NNE South Tip Judith Island
Universal Well Location Reference Lat. 65.43944° N. Long. 127.47084° W.
Elevation: Ground 252 (BSF) K.B. 300 feet above sea-level.
Well is expected to produce from See Scarp Reef formation at a depth
of about 1500 feet. Expected total final depth 2000
Area assigned to well

(For Oil Conservation Engineer's use only)

Permit No. 4253 Lease No. 26615 Acreage 26615
Permittee, licensee, or lessee Great Plains Development Company of Canada Ltd.
Exploratory Licence No. 1061
Surface owned by Crown or Crown
(If other, give name and address of owner and occupant.)

Petroleum and natural-gas rights owned by See Scarp Reef
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>5 1/2"</u>	<u>14</u>	<u>J-55</u>	<u>New</u>	<u>150</u>	<u>To Surface</u>
2.					
3.					
4.					
5.					

Expected water, gas, and oil horizons and type of control equipment.
Potential Oil & Gas Horizons are the Scarp Reef and Base Reef.
Control will be with water gel and hybrid double gate shaffer.

Well will be drilled with Rotary Rig No. 5 by Tri-City Drilling Co.
(Drilling Contractor or company)

Responsible agent of applicant:— Contractor's Business Licence No. 16112
At well W. W. McLoughlin At registered office A. M. McIntosh
Address Financial Bldg., Edmonton Address Pacific Bldg., Calgary, Alberta
It is understood that if changes become necessary, notice of the change of plan will be submitted.
Dated at Calgary, Alberta this 23 day of June 19 67
Signed by W. W. McLoughlin Company Pacific Petroleum Ltd.
Title Manager of Production Operator's Licence No. 1061

(For Resource Management 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.

Dated 29th June 19 67

Oil Conservation Engineer

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

PACIFIC WESTCOAST OSCAR CK H-77

Sec. 77-H Unit Grid 65° 30' 127° 15' Drilling Authority No. 268

Well Summary Report.

Issued - 29th June 1967

1. SUMMARY OF PERTINENT INFORMATIONUwLR - Lat. 65.43944° N.
Long. 127.47084° W.

WELL NAME: Pacific Westcoast Oscar Ck H-77

LOCATION: Unit H-Sec. 77 Grid 65° 30' 127° 15'

CLASSIFICATION: Exploratory

CO-ORDINATES: Lat. 65° 26' 22" N. 127° 28' 15" W

ELEVATIONS: Ground 197' (Datum)

WELL STATUS: Abandoned

COMPLETION DATE: August 8, 1967

SPUD DATE: July 18, 1967

FINISHED DRILLING DATE: August 4, 1967

RIG RELEASE DATE: August 8, 1967

TOTAL DEPTH: 2010' in Hare Indian

TITLE HOLDER: Crown

PERMIT NO.: P & N G 4283

OPERATOR: Pacific Petroleum Ltd.

PARTICIPANTS:

Pacific Petroleum Ltd.	37.50%
Westcoast Transmission	6.25%
Western Pacific Ltd.	6.25%
Great Plains	50.00% (Cost Free)

PERMITTEE: Great Plains Development Company of Canada Limited - Licence No. 1049

DRILLING CONTRACTOR: Tri-City Drilling Ltd. Rig No. 5

2. GEOLOGICAL SUMMARYFormations Tops:

Datum 197' Grd.

Imperial	306	(- 109)
Canol	1434	(-1237)
Kee Scarp	1640	(-1443)
Hare Indian	1804	(-1607)

* HOLE SIZE: 4 3/4", Reamed to 6 1/4".

CASING RECORD: Ran 7" @ 90' to hold back gravel. Pulled.

Ran 5 1/2" Casing, 13# H-40 @ 156' with 53 sacks + 2% CaCl₂.

Recemented with 50 sacks plus 2% CaCl₂.

Pacific Westcoast Oscar Creek H-7765° 26' 22" N, 127° 28' 15" W2. GEOLOGICAL SUMMARY Cont'd(c) Sample Descriptions:

surface - 90 Pebbles and grains of all kinds, sizes and shapes, glacial drift.

CRETACEOUS 98 (#72)

- 98 - 110 Sandstone: very fine, light grey, medium sorted, subangular, very poor intergranular porosity, glauconitic, very slightly calcareous, grading into Siltstone: light grey, glauconitic, very slightly calcareous, Shale: medium grey.
- 110 - 140 Siltstone: as above, Shale: as above.
- 140 - 150 Shale: as above with less Siltstone: as above.
- 150 - 160 Shale: medium grey, micromicaceous.
- 160 - 170 Shale: medium grey, silty.
- 170 - 190 Sandstone: very fine, light grey, medium sorted, subangular, very poor intergranular porosity, slightly glauconitic, grading into Siltstone: light grey, slightly glauconitic, very slightly calcareous, Shale: medium grey.
- 190 - 200 Shale: medium to dark grey, minor rest as above.
- 200 - 210 Shale: as above, Siltstone: as above, poor sample.
- 210 - 250 Shale: as above, Siltstone: as above grading into Sandstone: light grey, very fine, medium sorted, subangular, very poor intergranular porosity, slightly glauconitic, very slightly calcareous, abundant cavings.
- 250 - 296 Sandstone: light grey, medium coarse, well sorted, subangular, very friable, very good porosity (water flow of about 30 gallons/minute) contaminated by artificial cement.

Pacific Westcoast Oscar Creek H-7765° 26' 22" N, 127° 28' 15" W2. GEOLOGICAL SUMMARY Cont'd(c) Sample Descriptions:IMPERIAL 296 (-126)

- 296 - 330 Shale: light to medium grey, silty, grading into Siltstone: light grey, slightly calcareous, abundant cavings.
- 330 - 370 Siltstone: light grey, argillaceous, slightly calcareous, grading into Shale: as above, abundant cavings.
- 370 - 420 Shale: as above, Siltstone: as above.
- 420 - 440 Siltstone: as above, minor Shale: as above.
- 440 - 460 Siltstone: as above, grading into Sandstone: light grey, very fine, subangular, very poor intergranular porosity, calcareous.
- 460 - 470 Shale: light to medium grey, micromicaeous, grading into Siltstone: as above.
- 470 - 480 Shale: as above, slightly silty.
- 480 - 530 Shale: as above, Siltstone: as above.
- 530 - 560 Siltstone: as above, minor Shale: as above.
- 560 - 610 Shale: as above, Siltstone: as above.
- 610 - 630 Shale: as above.
- 630 - 650 Shale: as above, Siltstone: as above.
- 650 - 660 All as above with trace Ironstone.
- 660 - 690 Siltstone: as above, minor Shale: as above, trace Ironstone.
- 690 - 700 As above, with sample having a brownish cast.
- 700 - 720 Siltstone: as above, Shale: as above, trace Ironstone.

Pacific Westcoast Oscar Creek H-7765° 26' 22" N, 127° 28' 15" W2. GEOLOGICAL SUMMARY Cont'd(c) Sample Descriptions:

- 720 - 760 Shale: as above, Siltstone: as above.
- 760 - 790 Shale: as above, trace Ironstone.
- 790 - 800 As above, with minor brown calcite, slightly fossiliferous (ostracods?).
- 800 - 810 Shale: as above, trace Ironstone.
- 810 - 820 Shale: as above, minor Siltstone: light brownish grey.
- 820 - 920 Shale: as above, Siltstone: as above.
- 920 - 950 Shale: as above, minor Siltstone: as above.
- 950 - 1430 Shale: as above.
- CANOL 1430 (-1260)
- 1430 - 1440 Shale: dark brownish grey, slightly bituminous, minor pyrite, minor brownish Limestone: fine to medium crystalline, dense.
- 1440 - 1450 Shale: medium grey.
- 1450 - 1580 Shale: dark brownish grey, slightly bituminous, minor pyrite, minor brownish Limestone: fine to medium crystalline, dense.
- 1580 - 1610 Shale: dark brownish grey, bituminous, very pyritic.
- 1610 - 1645 Shale: dark brown grey, bituminous pyritic, very calcareous, rare Limestone: medium brown, fine to partly medium crystalline, dense, very argillaceous, minor Ironstone.

KEE SCARP 1645 (-1475)

Pacific Westcoast Oscar Creek H-7765° 26' 22" N, 127° 28' 15" W2. GEOLOGICAL SUMMARY Cont'd(c) Sample Descriptions:

- 1645 - 1650 Limestone: white to buff to light brown, very fine, porosity unknown because of too fine cuttings but very probably dense. Limestone: cream, partly chalky appearance probably due to bit damage (very slightly oil stained?), minor Chert: white to milky to light brown to medium brown, rest as above.
- 1650 - 1661 Limestone: as above, Limestone: as above.
- 1661 - 1682 Core No. 1
- 1682 - 1702 Core No. 2
- 1702 - 1710 Limestone: light brown to buff, fine to medium to coarse crystalline, dense, Limestone: white, coarse crystalline, dense, recrystallized stromatoporoids, Limestone: medium to dark brown, fine to medium crystalline, dense, slightly argillaceous, slightly bituminous.
- 1710 - 1720 All as above, with minor Shale: dark grey brown, slightly calcareous.
- 1720 - 1725 Shale: medium brown green grey, calcareous. Limestone: buff to cream, fine to medium crystalline, dense. Limestone: white to medium to coarse crystalline, recrystallized stromatoporoids, dense.
- 1725 - 1730 Shale: as above, Limestone: buff to cream, fine to medium crystalline, dense.
- 1730 - 1740 Limestone: as above, Shale: as above, Siltstone: dark grey, green brown, calcareous, slightly argillaceous.
- 1740 - 1745 Siltstone: dark grey green brown, calcareous, slightly argillaceous, dead oil stain, Limestone: as above.
- 1745 - 1760 As above with pyrite.
- 1760 - 1765 Siltstone: as above.

Pacific Westcoast Oscar Creek H-7765° 26' 22" N, 127° 28' 15" W2. GEOLOGICAL SUMMARY Cont'd(c) Sample Descriptions Cont'd

1765 - 1775 Siltstone: as above, Shale: dark grey, greenish brown, slightly calcareous.

1775 - 1780 Limestone: white to cream to buff to dark brown, fine to medium crystalline, partly argillaceous, dense, Shale: as above.

1780 - 1785 Limestone: as above, with minor Shale: as above.

1785 - 1807 Limestone: white to cream to buff, fine to medium crystalline, partly slightly argillaceous, dense, very fossiliferous, algae, stromatoporoids, crinoids.

HARE INDIAN 1807 (-1637)

1807 - 1860 Shale: light to medium greenish grey, mica flakes, calcareous, silty and partly grading into Siltstone: light greenish grey, calcareous, minor pyrite, occasionally interlaminated with light brown Limestone streaks, fine crystalline, dense, fossiliferous in part.

1860 - 2010 Shale: light greenish grey, micromicaeous, calcareous.

TOTAL DEPTH 2010 (-1840)(d) Core Descriptions

Core No. 1	1661 - 1682	Rec. 21'
1.8' 1661.0-1662.8	<u>Limestone</u> : medium brown, fine to medium crystalline, slightly bituminous, argillaceous, dense, occasionally calcite partially filled vugs in 3 mm, wide fractures, no effective porosity, laminated appearance, slightly fossiliferous.	

Pacific Westcoast Oscar Creek H-7765° 26' 22" N, 127° 28' 15" W2. GEOLOGICAL SUMMARY Cont'd(d) Core Descriptions Cont'd

- 0.2' 1662.8-1663.0 Shale: dark brown, very bituminous, very calcareous.
- 0.9' 1663.0-1663.9 Limestone: medium brown, fine to medium crystalline, dense, very fossiliferous with Brachiopods up to 0.7 cms.
- 2.5' 1663.9-1666.4 Limestone: dark brown, very bituminous, argillaceous, scattered fragments of Stromatoporoids, recrystallized to coarse Limestone, 35% of the whole rock, abundant fossil fragments in the Limestone matrix.
- 0.4' 1666.4-1666.8 Shale: very dark brown, very bituminous, very calcareous.
- 9.5' 1666.8-1676.3 Limestone: medium to dark brown, fine to medium crystalline, argillaceous, slightly bituminous, dense, scattered minor bituminous Shale layers as above, scattered blebs of Stromatoporoids as above, 40% of the rock.
- 0.4' 1676.3-1676.7 Limestone: dark brown, fine to medium crystalline, argillaceous, bituminous, dense, scattered white probably branching corals, crinoids and other fossil fragments.
- 1.4' 1676.7-1678.1 Shale: very dark brown, very bituminous, very calcareous, minor fossil fragments.
- 1.9' 1678.1-1680.0 Limestone: medium dark brown, fine to medium crystalline, bituminous, argillaceous, dense, scattered fossil fragments.
- 2.0' 1680.0-1682.0 Limestone: medium to dark brown, fine to medium crystalline, bituminous, argillaceous, dense, abundant fossil fragments and Stromatoporoids as above.

Pacific Westcoast Oscar Creek H-7763° 26' 22" N, 127° 28' 15" W2. GEOLOGICAL SUMMARY Cont'd(d) Core Descriptions Cont'd

Core No. 2	1682 - 1702	Rec. 20'
2.5'	1682.0-1684.5	<u>Limestone:</u> medium brownish grey, fine to medium crystalline, dense, occasionally Stromatoporoids, occasionally stylolitic.
2.5'	1684.5-1687.0	<u>Limestone:</u> medium brown, fine to medium crystalline, argillaceous in part, slightly stylolitic, dense, Stromatoporoids: white to cream, medium to coarse crystalline, 30% of the rock, minor fossil fragments in the matrix.
2.0'	1687.0-1689.0	<u>Limestone:</u> medium to dark brown, fine to medium crystalline, argillaceous, bituminous, dense, Stromatoporoids as above, minor fossil fragments, Brachiopods, Crinoid stems, minor irregular oblique Shale partings: dark brown to black, very bituminous.
12.6'	1689.0-1701.6	<u>Limestone:</u> medium brown, fine to medium crystalline, stylolitic, slightly argillaceous in part, dense, Stromatoporoids as above, 45% of the rock, occasionally recrystallized corals.
0.4'	1701.6-1702.0	<u>Limestone:</u> medium brown, fine to medium crystalline, dense, very stylolitic, argillaceous, bituminous, mottled appearance due to above, intermixed with Stromatoporoids, branching corals, irregular <u>Shale:</u> dark brown, bituminous, very calcareous.

Coring Times:10, 10, 10, 8, 9, 14, 11, 21, 8, 5,
6, 7, 8, 7, 15, 10, 8, 8, 7, 4.

PACIFIC WESTCOAST OSCAR CK H-773. ENGINEERING SUMMARY

Drill Stem Tests:

*Pressure given and field
pressure low that for
offshore concrete pressure.*

#1 1650'-2010' (Kee Scrap)
Misrun. Tool did not open.

#2 1650'-2010' (Kee Scrap)
Misrun. Tool Malfunction.

#3 1650' 2010' (Kee Scrap)
Misrun. Tool did not open.

#4 1650' 2010' (Kee Scrap)
Prewflow 5 min; ISI 30 min, VO 60 min, FSI 60 min
Weak air blow on preflow. Very weak air blow
during flow period. IHP 777; FHP 835; IFP 36.5
FFP 36.5; ISIP 115.5; FSIP 36.5. Rec'd 1000' mud.

Casing Records:

1. *Run 7" @ 90' to hole back ground. Puller*
2. Surface: Ran and set 156' - 5 1/2", 13#, H-40 casing
at 156' (ground level elevation) with 53 sacks const-
ruction cement plus 2% CaCl₂. Good cement returns.
3. *Remains with 50 sacks + 2% CaCl₂.*

Production: None

Tubing: None

Lost Circulation Zones:

None.

4. COMPLETION SUMMARY

Plug Record:

#1 2010'-1960' with 10 sacks construction cement.

#2 360' surface with 45 sacks construction cement
Good cement returns to surface *- 2% CaCl₂*

Perforation Record:

None

Treatment Record:

None

5. SUMMARY OF ANALYSES

Core Analysis
Gas Analysis
Oil Analysis
Water Analysis

None
None
None
C & G Lab E67 2909xA
Cretaceous Water Flow 250' 296'.

C & G Lab E 67 -2910x 1A C & G Lab. E 67 2910x 2A
DST #4 1650' 2010'.

PACIFIC WESTCOAST OSCAR CK H-776. LOGGING SUMMARY

<u>Log</u>	<u>Run No.</u>	<u>Interval</u>	<u>Date</u>
Induction Electrical	1	2010'-156'	August 5, 1967

7. DAILY DRILLING SUMMARY

<u>Date</u>	<u>Depth</u>	<u>Footage</u>	<u>Remarks</u>
7-18 67	60	60	Drilling. Well spudded at 6:00 P.M. Drilling in Pea gravel with 4 3/4" bit.
7-19-67	86	26	Drilling.
7-20 67	100	100	Waiting on casing. Moved rig and spudded second well at 8:00 A.M. First well drilled to a total depth of 86' and abandoned due to hole caving in.
7 21-67	100	0	Waiting on casing
7 22 67	100	0	Reaming. Ran and set 90' of 7" casing.
7 23 67	160	60	Running 5 1/2" casing. Reamed hole to 6 1/2".
7 24 67	160	0	Waiting on cement. Ran and set 5 1/2" casing at 156'.
7 25-67	270	110	Waiting on cement. H&T water flow between 265' and 270' at approx. 60 gals per min. Squeezed 53 sacks construction cement plus 2% CaCl2.
7-26-67	306	36	Squeezed cement. Drilled first plug and began drilling ahead. Water flowing at approx 30 gals min. Recemented top of surface casing with 50 sacks cement plus 2% CaCl2.
7-27-67	400	94	Drilling with water flowing from 265'.
7-28-67	750	350	Drilling.
7-29 67	1280	530	Drilling.

PACIFIC WESTCOAST OSCAR CK H-777. DAILY DRILLING SUMMARY - Cont:

<u>Date</u>	<u>Depth</u>	<u>Footage</u>	<u>Remarks</u>
7-30 67	1585	305	Drilling
7 31 67	1655	70	Waiting on magnet.
8-1-67	1682	27	Coring. Core #1 - 1661' 1682'. Rec'd 21'.
8- 2-67	1800	118	Tripping. Cut Core #2. 1682' 1702'. Rec'd 20'.
8 3 67	1980	180	Drilling.
8-4 67	2010 T.D.	30	Repairing logger. Ran IES log 2010'-156'.
8 5 67	2010 T.D.	0	Testing. Ran DST #1 - 1650'-2010' Misrun
8 6 67	2010 T.D.	0	Ran DST #2 1650'-2010' misrun. Ran DST #3 1650'-2010' misrun
8 7 67	2010 T.D.	0	Running abandonment plugs. Ran DST #4 1650'-2010' Ran plug #1 2010-1960' (See plug record).
8 8 67	2010 T.D.	0	Rig released. Ran plug #2 360'-surface. (See plug record) Weld on steel plate on surface casing. Install 4' stand pipe and name plate.

GLOBAL INFORMATION LTD.

WATER ANALYSIS

Lab No. 167-2538

Revised: 15, 1967 Reported Sept. 22, 1967

Well: Location:

Pacific Westcoast Ocean Creek: H-77
65° 26' 22" N 127° 28' 15" W

Office Memorandum

Fielder Area: Wildlife

Ged 1971 (from Zone I formation) Barro Colorado Sand
alligator head (head)

sample interval: 2

11

Florida vol 1

Sampled from Water Flow 7

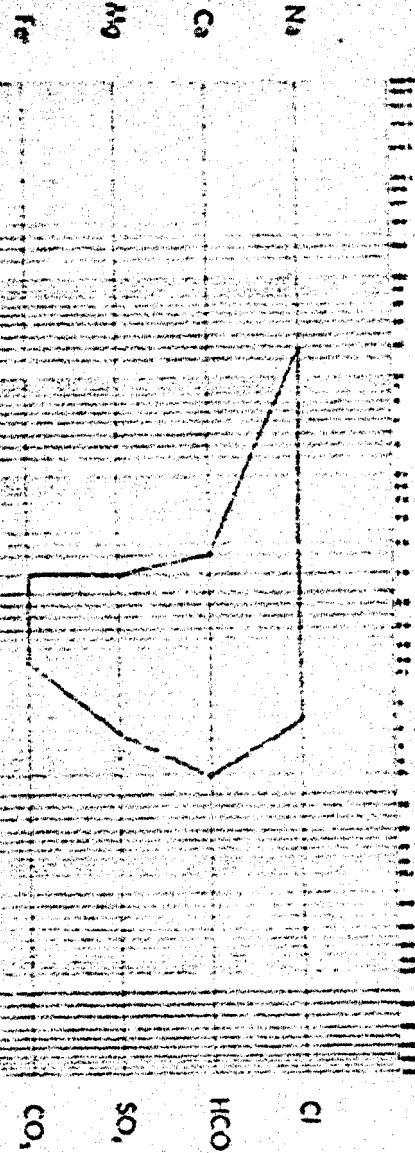
100

* Sample obtained through drill pipe while flowing at rate of 60 gals./minute.

(Signed)

Na	K	Ca	Mg	SO ₄	Cl	CO ₂	Fe
442		3	Trace	199	113	24	615
19.23		0.15	---	4.14	3.19	0.80	11.23
49.61		0.39	---	10.68		2.06	29.02

Pattern Unit May 7/2



Remarks and Conclusions:

Sample consisted of colourless water containing a small amount of sediment.

79 Acknowled

REC'D
KAC

John C.
Smith

CHLORIDE & C. BIOLOGICAL LABORATORIES LTD.

WATER ANALYSIS

Lab No. E67-2916-1/6

Reported Sept. 15, 1967 Reported Sept. 22, 1967

Well location Pacific Westconsl Oscar Creek, H-77
65° 26' 22" N 127° 28' 15" W

Operator Pacific Petroleum Ltd.

Field or Area Wildcat

Field No. G41971 (Free Zone/Forcing) Ice Scarp
Altitude (m) 1000' above tool

Sample Interval: 1650' - 2010'

Date: August 6, 1967

Method of Evaporation D.S.T. 66
Recovered: 1000' above tool
Sample #1

(Signed)

Meq/L	Ca	Mg	SO ₄	Cl	CO ₂	HCO ₃
				116		
Meq/L	Na	K	Fe	H ₂ S	Specific Gravity	Refractive Index
Meq %	Total Solids	By Evaporation	After Ignition	Pattern Unit Meq/L	Remarks and Conclusions	Analysis determined on brown coloured water extracted from mud.

Observed pH @ 60°F
Resistivity 10.02 ohm meters @ 68 °F

Pattern Unit Meq/L

Remarks and Conclusions

Analysis determined on brown coloured water extracted from mud.

Na
Ca
Mg
Fe

Cl
HCO₃
SO₄
CO₂

Lab No. E67-2910X-2A

Well: Location: Pacific Westcoast Oscar Creek H-77
650 261 2511 N 1270 201 1511 W

Field or Area: Wildlife

Kee Scarp

Sample Interval: 1650' - 2010'

Sampled from: Top of tool

Sampled by: G. Van Housden

Date: August 6, 1967

Recovered: 1000' mud.
Sample #2

(Signed)

[illegible]

68 meters @

Pattern Unit Hdy. 7/2

Remarks and Conclusions

analysis determined on brown coloured water extracted from mud.

2

 HCO_3^-

50

8



Formation Test TECHNICAL REPORT

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[illegible]

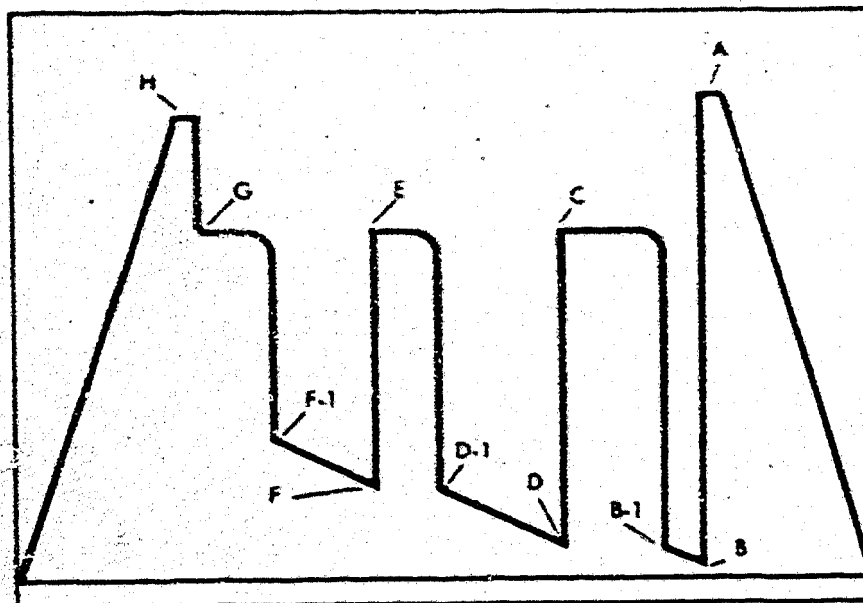
PRESSURE DATA									
INSTRUMENT No.		AK1-1847	AK1-2259			FIELD REPORT No. <u>C-10152</u>			
CAPACITY (LONG)		2100	2300						
INSTRUMENT DEPTH		1654	1657						
INSTRUMENT OPENING		OUTSIDE	OUTSIDE						
PRESSURE GRADIENT psi/FT.									
WELL TEMP. °F.						TIME DATA			
INITIAL HYDROSTATIC	A	743#	745#			TIME GIVEN	TIME COMPUTED		
FIRST FLOW	B					MINS	MINS		
B-1		38#	38#						
INITIAL SHUT-IN	C	45#	50#			MINS	MINS		
SECOND FLOW	D	45#	50#			MINS	MINS		
D-1		49#	54#						
SECOND SHUT-IN	E					MINS	MINS		
THIRD FLOW	F					MINS	MINS		
FINAL SHUT-IN	G	60#	65#			MINS	MINS		
FINAL HYDROSTATIC	H	CLOCK RAN OUT				CLOCK TRAVEL		IN/MIN	

REMARKS:

PRESSURE INCREMENTS

[illegible]

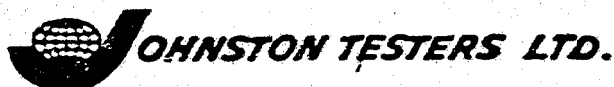
GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B, B-1, Initial Flow Pressures
- C, Initial Shut-In
- D-1, D-2, D-3, etc. Second Flow Pressures
- E, Second Shut-In
- F, F-1, F-2, Third Flow Pressures
- G, Final Shut-In
- H, Final Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.

FIELD
REPORT NO.

C-10152

RECORDER NO.

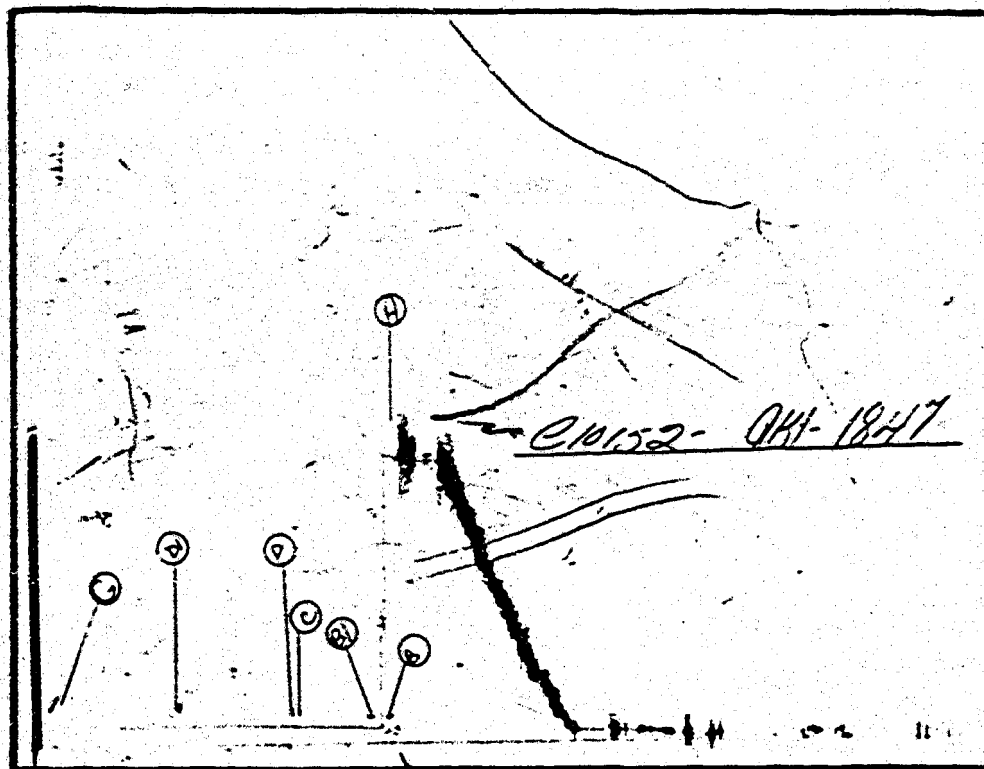
AK1-1847

CAPACITY

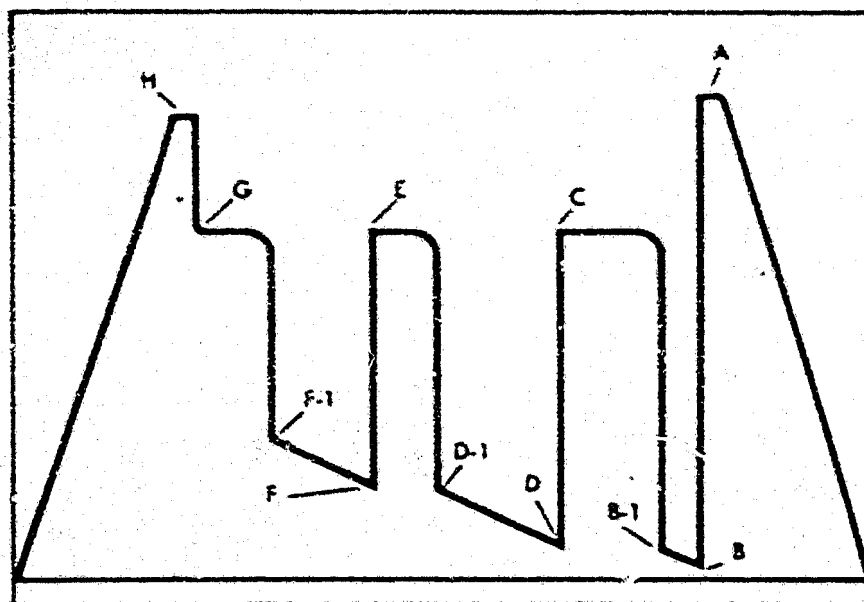
2100

REPORTS
REQUESTED

7



GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B, B-1, Initial Flow Pressures
- C, Initial Shut-In
- D-1, D-2, D-3, etc. Second Flow Pressures
- E, Second Shut-In
- F, F-1, F-2, Third Flow Pressures
- G, Final Shut-In
- H, Final Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.

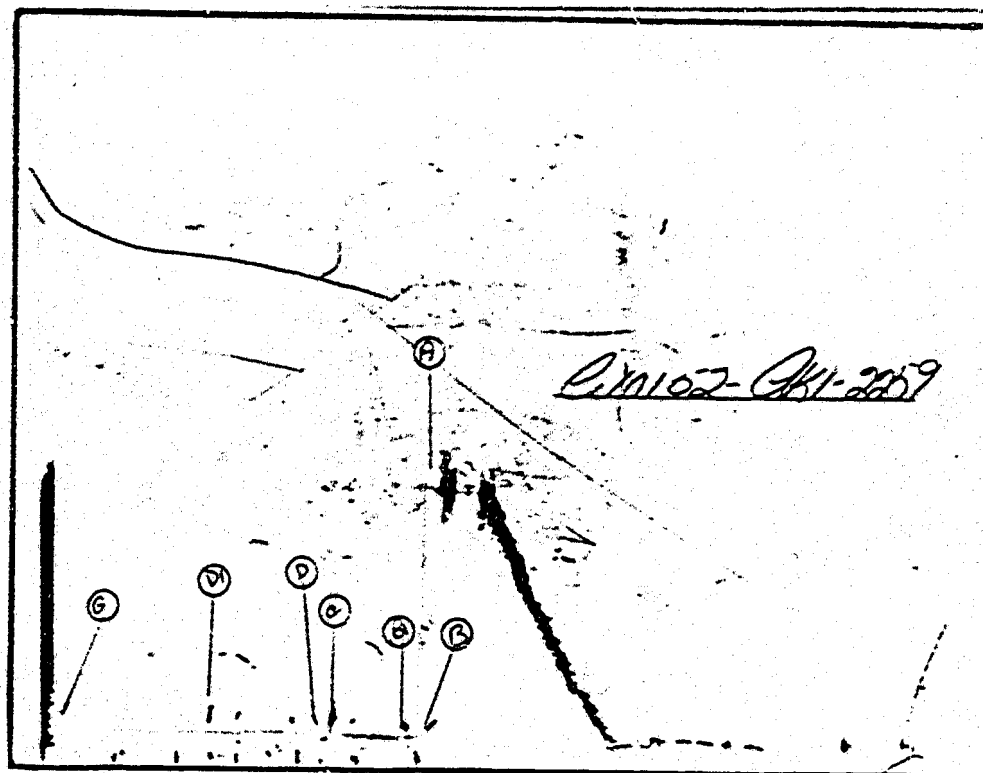


FIELD
REPORT NO.
C-10152

RECORDER NO.
AK1-2259

CAPACITY
2300

REPORTS
REQUESTED
7





Formation Test

TECHNICAL REPORT

This Technical Report supplies complete field data on type and amount of formation fluid recovered, pressure recordings and description of all tools run. Obtaining this information with an open hole test provides the only dynamic evaluation of a formation before completing the well.

Johnston's Special Data Analysis provides valuable calculated data on reservoir pressure, flow capacity, effective permeability, well bore damage, radius of investigation, and potentiometric surface. Included also is a valuable written analysis of these data that can provide important help in planning your completion.

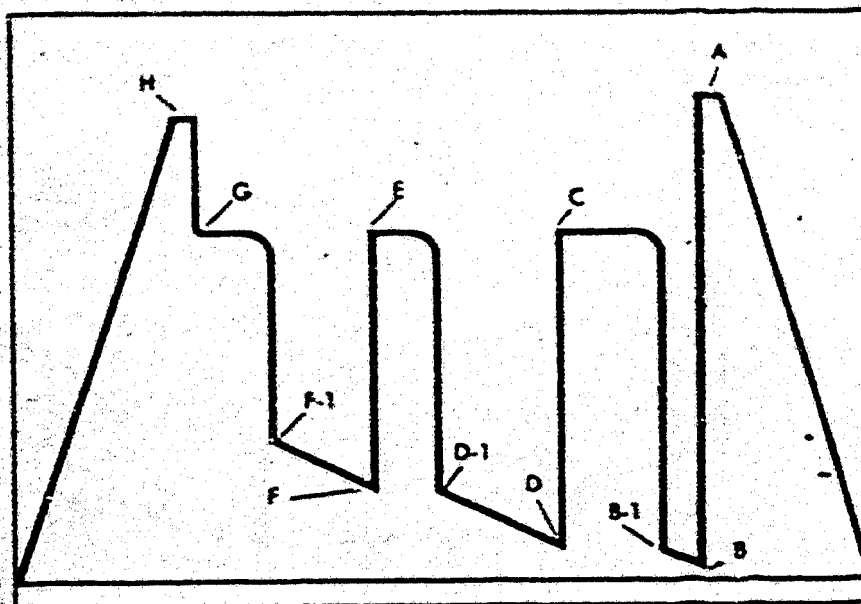


TEST DATA					TOOL SEQUENCE		
Formation	Zone Thickness		Ft.		Tool	Length	O.D.
Interval	1650	To 2010	T.D. 2010		NOT REPORTED		
Type of Test	OPEN HOLE, BOTTOM HOLE						
Time Started in Hole	2130	Hrs.	Tool Opened	2205	Hrs.		
First Flow	3	Min.	Shut In	30	Min.		
Second Flow	60	Min.	Second Shut In		Min.		
Third Flow		Min.	Final Shut In	60	Min.		
Pulled Loose @	0038	Hrs.	Out of Hole	0300	Hrs.		
Wt. Set/on Packers	#		Pulled Loose Wt	#			
Description of Blow During Test	NO BLOW NOTICEABLE.						
FLUID RECOVERY Was Test Reverse Circulated Yes ☐ No ☐							
Total Fluid Recovered	NIL.					Ft.	
Description of Fluid Recovered							
GAS BLOW MEASUREMENT							
Measured With				I.D. Riser			
Type of Instrument							
Time	Stce. Choke	Reading Inches	Cubic Feet/Day				
REMARKS			MIS-RUN, TOOL DID NOT OPEN				
TOTAL LENGTH							
Elevation						170 GL	
Bottom Hole Choke Size							
Fluid Cushion Type						Ann.	
MUD AND HOLE DATA							
Mud Type		GEL		W.L.			
Filter Cake		Visc.		65		Wt.	
Time Taken							
Contractor		TRI-CITY DRLLG.		Rig No.			
Drill Pipe Size		2 3/8		Length		20'	
Drill Collar Size		1 1/4 ID		Length		20'	
Main Hole Size		4 3/4"		Length			
Rat Hole Size				Length			
District	EDMONTON	Ticket No.	C-10151	Date	AUGUST 5, 1967	Test No.	1
Company	PACIFIC PETROLEUMS LTD.			J.T.L. No. 1			
Well Name	PACIFIC WESTCOAST OSCAR CR. H-77			Address 320 - 9TH AVENUE S.W.,			
Number	#65°-26'-22"N-127°-28'-15"W			CALGARY, ALBERTA			
Formation	KEE SCARP	DST# 1	Field	WILDCAT	Province YUKON		
and Interval	1650-2010	Co. Rep.	D. CAMPBELL AND V. HEYSDEN				
Distribution of Reports			Technician	TRI-CITY			
				6 - CALGARY			
				1 - EDMONTON			

PRESSURE DATA					TIME DATA	
INSTRUMENT No.		AK1-1847	AK1-2259	T-741	FIELD REPORT No. <u>C-10151</u>	
CAPACITY (gals)		2100	2300	1750		
INSTRUMENT DEPTH		1654	1657	1700		
INSTRUMENT OPENING		OUTSIDE	OUTSIDE	OUTSIDE		
PRESSURE GRADIENT psi/ft.						
WELL TEMP. °F.						
INITIAL HYDROSTATIC	A	742#	742#	785#	TIME GIVEN	TIME COMPUTED
FIRST FLOW	B	MIS-RUN, TOOL DID NOT OPEN			MIN.	MIN.
INITIAL SHUT-IN	C					
SECOND FLOW	D				MIN.	MIN.
SECOND SHUT-IN	E				MIN.	MIN.
THIRD FLOW	F				MIN.	MIN.
FINAL SHUT-IN	G				MIN.	MIN.
FINAL HYDROSTATIC	H	744#	745#	708#	CLOCK TRAVEL	IN/MIN
REMARKS:						

[illegible]

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B, B-1, Initial Flow Pressures
- C, Initial Shut-In
- D-1, D-2, D-3, etc. Second Flow Pressures
- E, Second Shut-In
- F, F-1, F-2, Third Flow Pressures
- G, Final Shut-In
- H, Final Hyd. Pressures
- Z—Special pressure points such as pumping pressures recorded for formation breakdown.

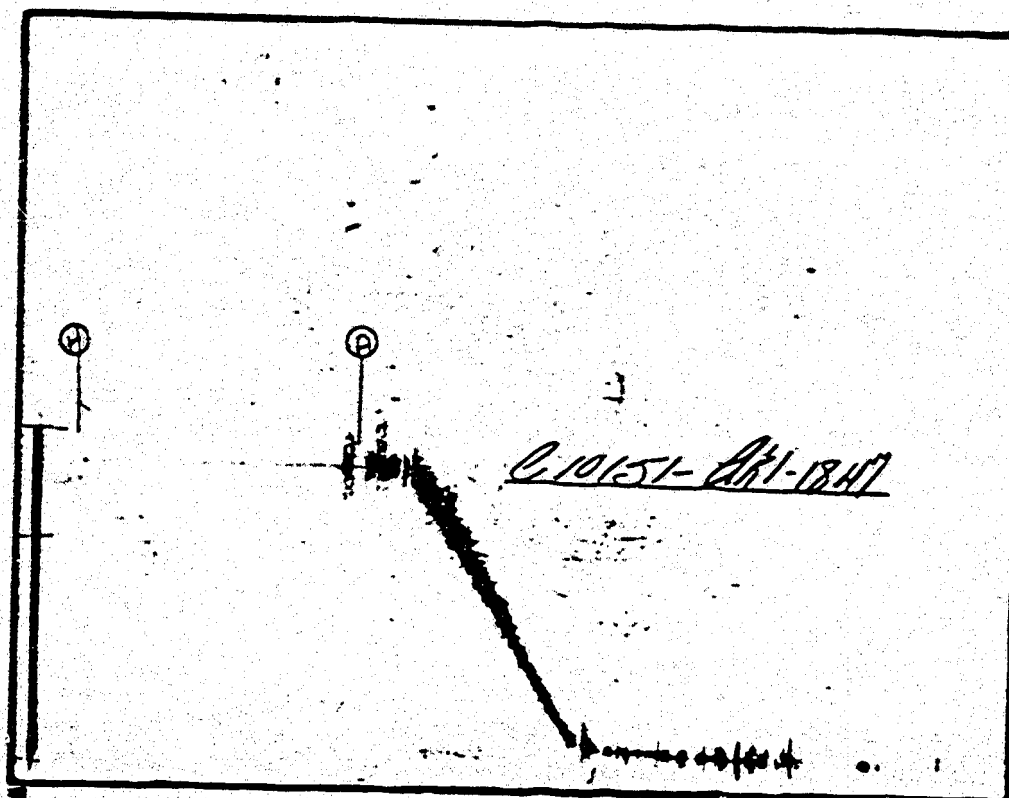


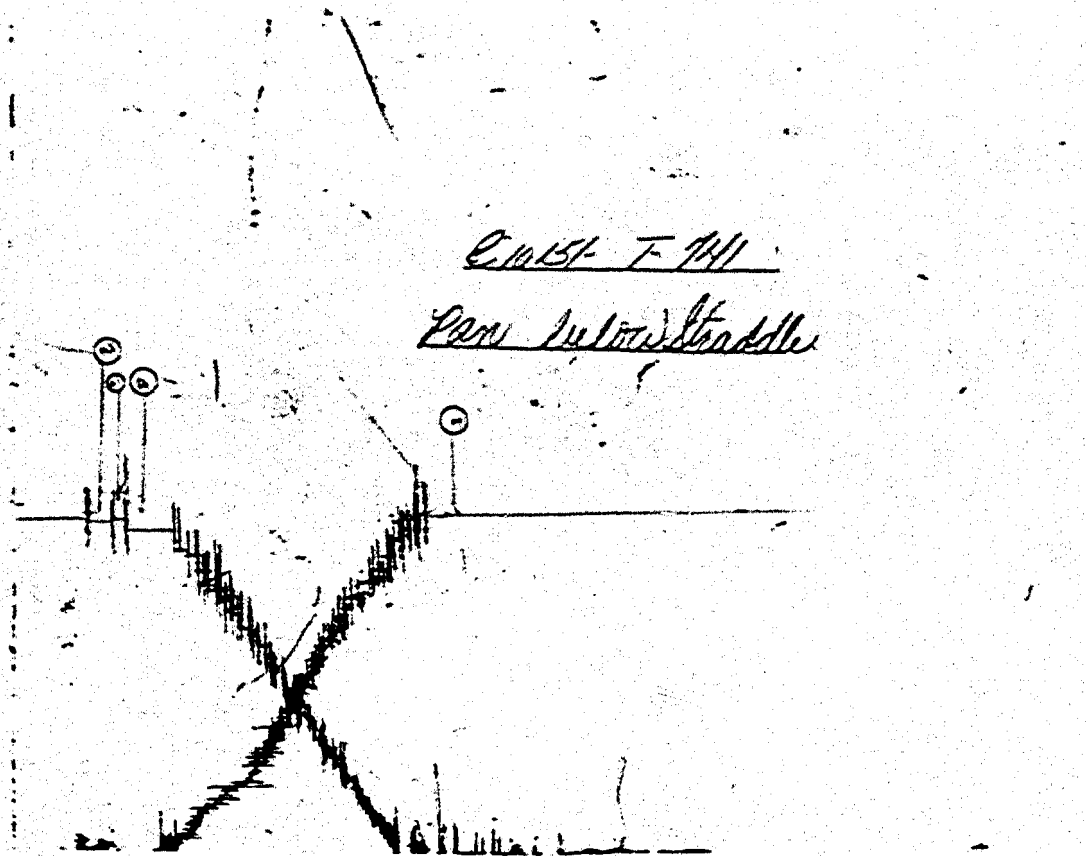
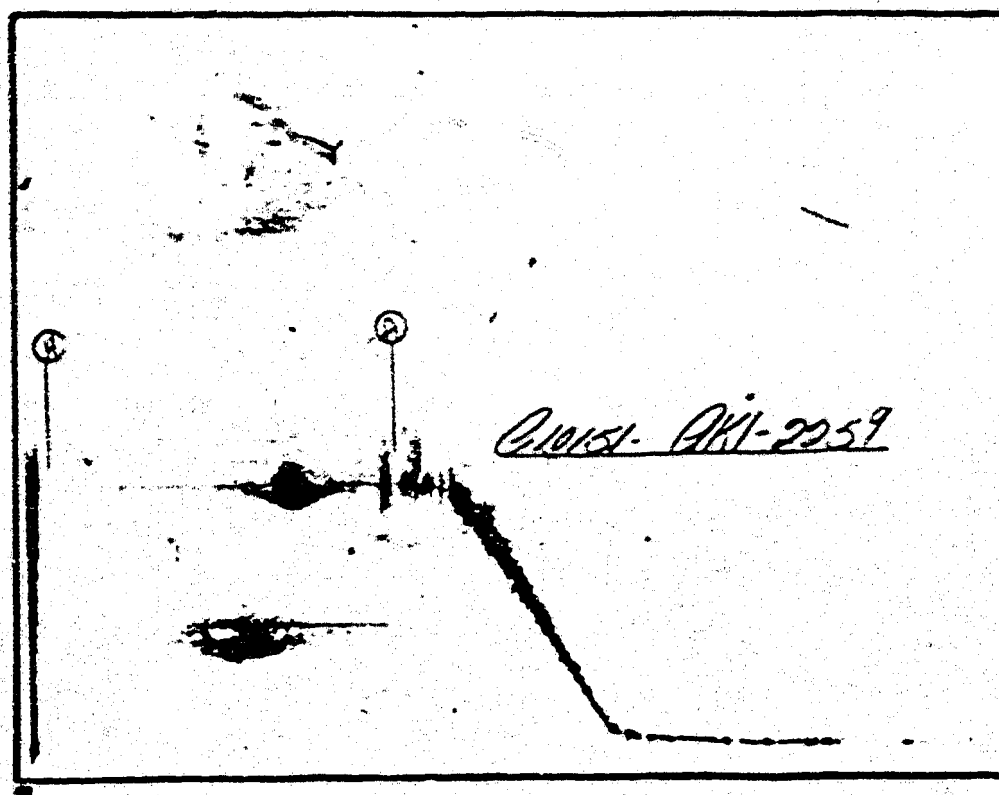
FIELD
REPORT NO.
C-10151

RECORDER NO.
AK1-1847

CAPACITY
2100

REPORTS
REQUESTED
7







Formation Test TECHNICAL REPORT

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TEST DATA						TOOL SEQUENCE		
Formation	KEE SCARP		Zone Thickness		Ft.	Tool	Length	O.D.
Interval	1650	To	2010	T.O.	2010	NOT REPORTED		
Type of Test	OPEN HOLE BOTTOM HOLE							
Time Started in Hole	2330	Hrs.	Tool Opened	0051	Mins.			
First Flow	5	Min.	Shut In	30	Min.			
Second Flow	60	Min.	Second Shut In		Min.			
Third Flow		Min.	Final Shut In	60	Min.			
Pulled Loose ft	0326	Mins.	Out of Hole	0500	Mins.			
Wt. Set/on Packers	#		Pulled Loose Wt.	#				
Description of Blow During Test	NO BLOW							
FLUID RECOVERY Was Test Reverse Circulated Yes ☐ No ☒								
Total Fluid Recovered	Nil Ft.							
Description of Fluid Recovered								
GAS BLOW MEASUREMENT								
Measured With I.D. Riser								
Type of Instrument								
Time	Stce. Choke	Reading Inches	Cubic Feet/Day					
TOTAL LENGTH								
Elevation	170 GL							
Bottom Hole Choke Size	1 1/2"							
Fluid Cushion Type	Amt.							
MUD AND HOLE DATA								
Mud Type	Gel W.L.							
Filter Cake	Visc. 65 Wt.							
Time Taken								
Contractor	TRI-CITY DRILG Rig No.							
Drill Pipe Size	2 3/8							
Drill Collar Size	1 1/4 ID Length 20'							
Main Hole Size	4 3/4"							
Rat Hole Size								
District	EDMONTON		Ticket No.	C-10153		Date	AUGUST 6, 1967	Test No. 3 J.T.L. No. 3
Company	PACIFIC PETROLEUMS LTD.							
Well Name	PACIFIC WESTCOAST OSCAR Ck. H-77							
Number	#65°-25'-22"N-127°-28'-15"W Field							
Formation	KEE SCARP DST# 3		Co. Rep.		WILCAT			
and Interval	1650-2010		Technician		D. CAMPBELL AND V. HEVSDEN			
Distribution of Reports						TRI-CITY		
						6 - CALGARY		
						1 - EDMONTON		

PRESSURE DATA					FIELD REPORT No. C-10153	
INSTRUMENT No.		AK1-1847	AK1-2259			
CAPACITY (gals)		2100	2300			
INSTRUMENT DEPTH		1654	1658			
INSTRUMENT OPENING		OUTSIDE	OUTSIDE			
PRESSURE GRADIENT psi/ft.						
WELL TEMP. °F.						
INITIAL HYDROSTATIC	A	740#	741#			
FIRST FLOW	B					
MIS-RUN, TOOL DID NOT OPEN						
INITIAL SHUT-IN	C					
SECOND FLOW	D					
SECOND SHUT-IN	E					
THIRD FLOW	F					
FINAL SHUT-IN	G					
FINAL HYDROSTATIC	H	741#	741#			

TIME DATA

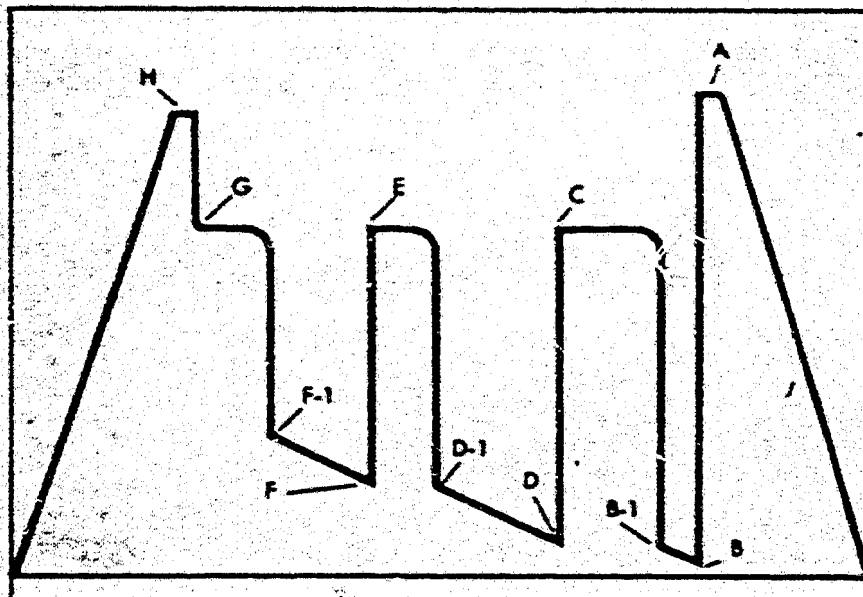
TIME GIVEN	TIME COMPUTED
MIN	MIN
MIN	MIN
MIN	MIN
MIN	MIN
MIN	MIN
MIN	MIN
MIN	MIN
CLOCK TRAVEL	IN/MIN

REMARKS:

PRESSURE INCREMENTS

[illegible]

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B, B-1, Initial Flow Pressures
- C, Initial Shut-In
- D-1, D-2, D-3, etc. Second Flow Pressures
- E, Second Shut-In
- F, F-1, F-2. Third Flow Pressures
- G, Final Shut-In
- H, Final Hyd. Pressures
- Z — Special pressure points such as purging pressures recorded for formation breakdown.



FIELD
REPORT NO.

C-10153

RECORDER NO.

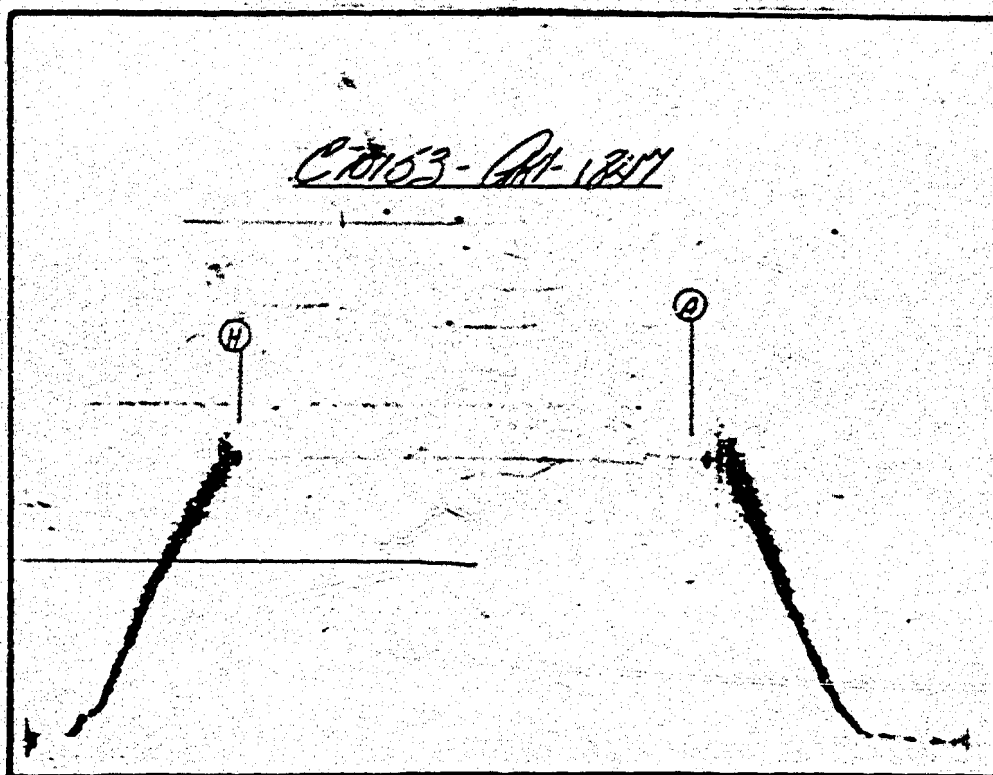
AK1-1847

CAPACITY

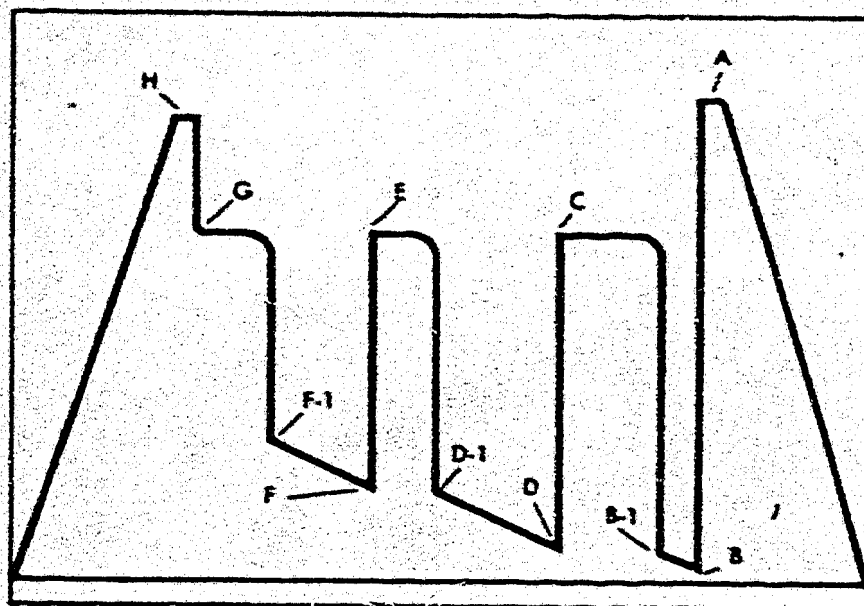
2100

REPORTS
REQUESTED

7



GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

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- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B, B-1, Initial Flow Pressures
- C, Initial Shut-In
- D-1, D-2, D-3, etc. Second Flow Pressures
- E, Second Shut-In
- F, F-1, F-2, Third Flow Pressures
- G, Final Shut-In
- H, Final Hyd. Pressures
- Z — Special pressure points such as pumping pressures recorded for formation breakdown.

FIELD
REPORT NO.

C-10153

RECORDER NO.

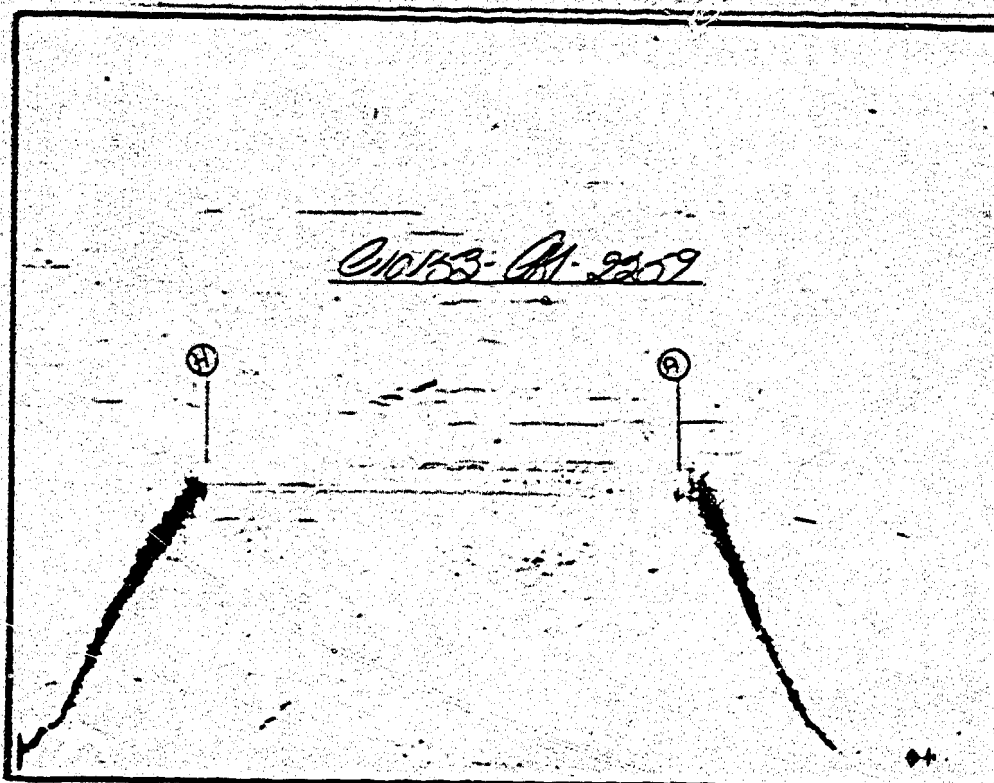
AK1-2259

CAPACITY

2500

REPORTS
REQUESTED

7

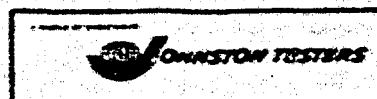




Formation Test TECHNICAL REPORT

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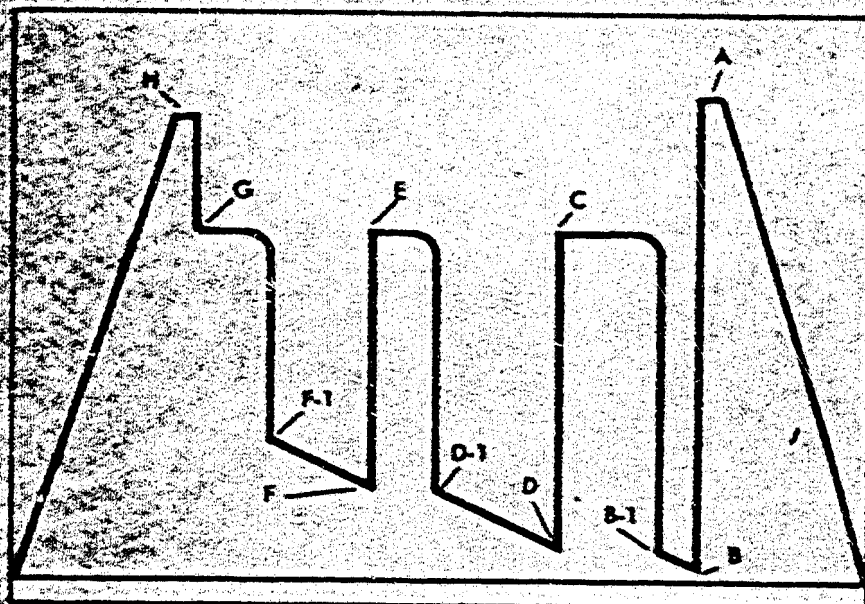
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INSTRUMENT No.		AK1-1847	AK1-2259	T-741	FIELD REPORT No. C-10154																																								
CAPACITY (gals)		2100	2300	1750																																									
INSTRUMENT DEPTH																																													
INSTRUMENT OPENING		OUTSIDE	OUTSIDE	OUTSIDE																																									
PRESSURE GRADIENT psi/ft.																																													
WELL TEMP. °F.					TIME DATA <table border="1"> <tr> <th colspan="2">TIME GIVEN</th> <th colspan="2">TIME COMPUTED</th> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> <tr> <td></td> <td></td> <td>mins</td> <td>mins</td> </tr> </table>	TIME GIVEN		TIME COMPUTED				mins	mins			mins	mins			mins	mins			mins	mins			mins	mins			mins	mins			mins	mins			mins	mins			mins	mins
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		mins	mins																																										
INITIAL HYDROSTATIC	A	742#	744#	786#																																									
FIRST FLOW	B	38#	39#	68#																																									
B-1		38#	39#	67#																																									
INITIAL SHUT-IN	C	150#	150#	151#																																									
SECOND FLOW	D	39#	41#	73#																																									
D-1		40#	43#	71#																																									
SECOND SHUT-IN	E																																												
THIRD FLOW	F																																												
FINAL SHUT-IN	G	41#	45#	71#																																									
FINAL HYDROSTATIC	H	736#	744#	744#																																									

PRESSURE INCREMENTS

[illegible]

GUIDE TO IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. Initial Hyd. Mud
- B. First Flow
- C. Initial Shut-In
- D. Second Flow
- E. Second Shut-In
- F. Third Flow
- G. Final Shut-In
- H. Final Hyd. Mud

The following points are either fluctuating pressures or points indicating other packer settings (testing different zones).

- A-1, A-2, A-3, etc. Initial Hyd. Pressures
- B, B-1, Initial Flow Pressures
- C, Initial Shut-In
- D-1, D-2, D-3, etc. Second Flow Pressures
- E, Second Shut-In
- F, F-1, F-2. Third Flow Pressures
- G, Final Shut-In
- H, Final Hyd. Pressures
- Z—Special pressure points such as pumping pressures recorded for formation breakdown.

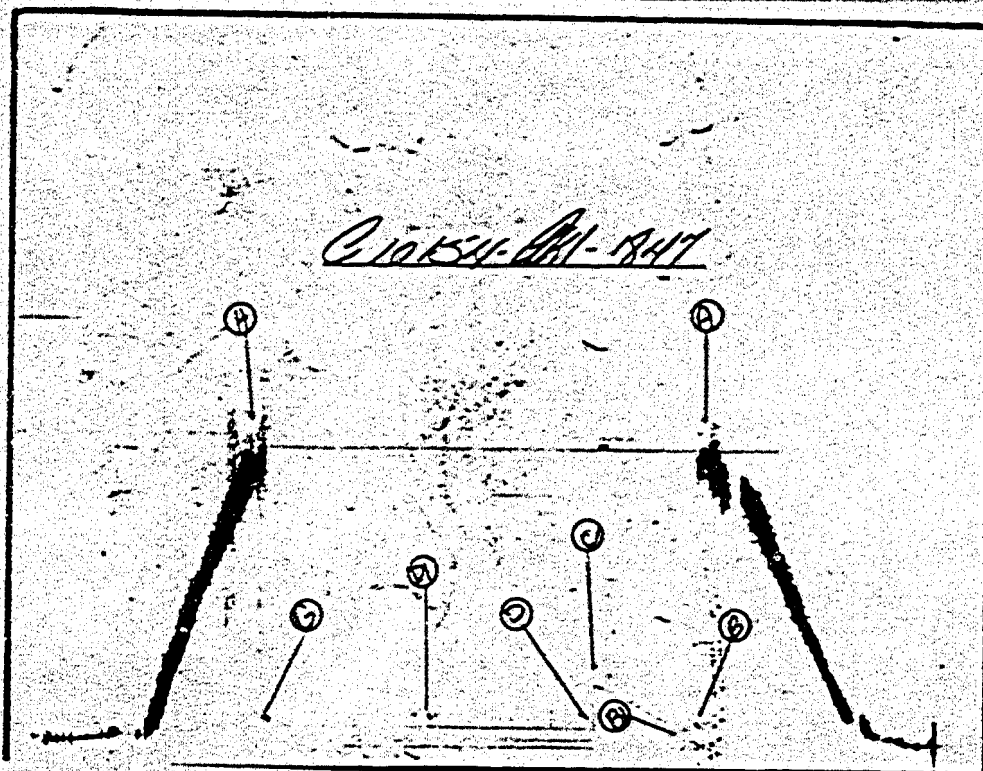

JOHNSTON TESTERS LTD.

FIELD
REPORT NO.
C-10154

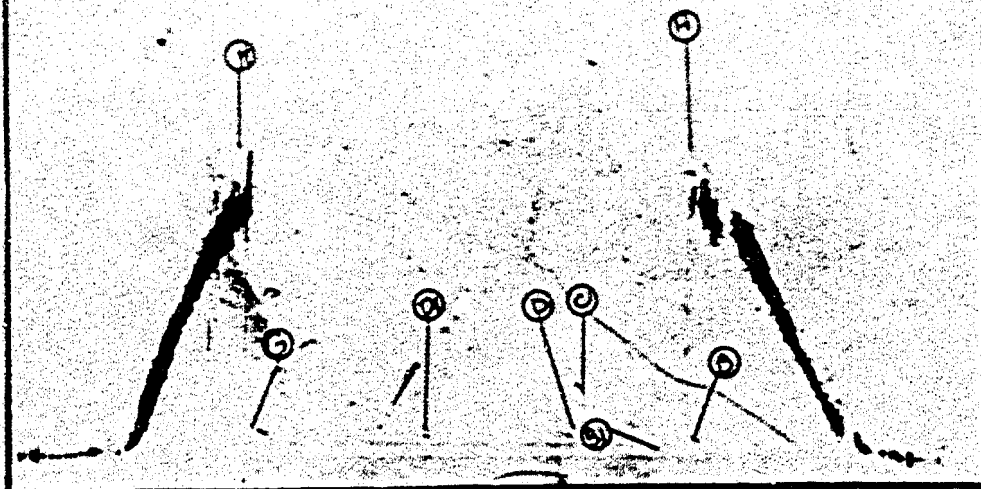
RECORDED NO.
AK1-1847

CAPACITY
2100

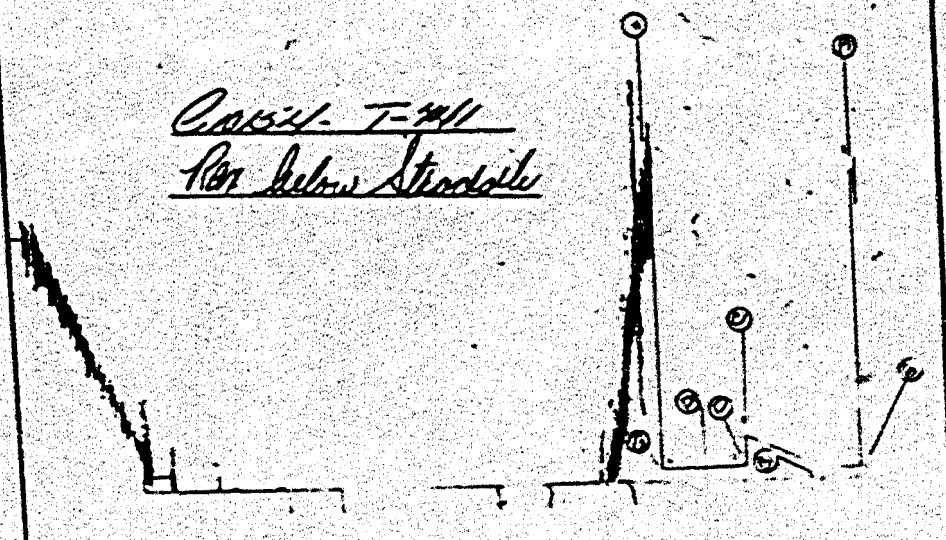
REPORTS
REQUESTED
7



C. 10154-B12259



C. 10154-T-411
Rox below Steadville



TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. LOCATION

Tour — Midnight - 8 a.m.

Specify actual hours worked Hrs.

Driller R. Corral 8

Derrick E. Ferguson 5

Floor J. Hawk 4

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

Fires:

Fires:

Fires:

Fires:

Fires:

Fires:

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From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.)

DRILL COLLARS FUEL WATER COAL Stands

No. O.D. I.D. Wgt. Gals. Bbls. Tons

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

No. 1 Pressure

Model S.P.M.

Liner Size

No. 2 Pressure

Model S.P.M.

Liner Size

General

W.L. F.C. pH.

From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.)

DRILL COLLARS FUEL WATER COAL Stands

No. O.D. I.D. Wgt. Gals. Bbls. Tons

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

No. 1 Pressure

Model S.P.M.

Liner Size

No. 2 Pressure

Model S.P.M.

Liner Size

General

W.L. F.C. pH.

From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.)

DRILL COLLARS FUEL WATER COAL Stands

No. O.D. I.D. Wgt. Gals. Bbls. Tons

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

No. 1 Pressure

Model S.P.M.

Liner Size

No. 2 Pressure

Model S.P.M.

Liner Size

General

W.L. F.C. pH.

REMARKS

Time

Start Stop Interval

Cement Top plus 45' Bag

Rig down 130 800

45' Cement - 450' to Surface

270' Casing

Weld on Plate, stand pipe

4 name plate

Company Time

Cont'r Time

Cleaning up cement 800 900

Loading Barge 900 400

Company Time

Cont'r Time

Loading Barge 400 600

Waiting on Boat 600 800

Waiting on boat 800 1200

Company Time

Cont'r Time

Company Time

Cont'r Time

Company Time

Cont'r Time

Company Time

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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

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. LOCATION

Oscar Creek #77 AREA

DATE 4-7-1967

Hour — Midnight - 8 a.m.

Specify actual hours worked Hrs.

Driller R Carrisal 8

Derrick E Ferguson 8

Floor J Hauck 8

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

Fires:

Fires:

Hour — 8 a.m. to 4 p.m.

Specify actual hours worked Hrs.

Driller B Anderson 8

Derrick B Welzskan 8

Floor L Hoppe 8

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

Fires:

Fires:

Hour — 4 p.m. to Midnight

Specify actual hours worked Hrs.

Driller B Anderson 8

Derrick B Welzskan 4

Floor L Hoppe 4

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

Fires:

Fires:

Fires:

Fires:

Fires:

Fires:

Fires:

Fires:

Fires:

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change WEIGHT VISCOSITY GEL PUMPS No. 1 Pressure Model S.P.M. Liner Size No. 2 Pressure Model S.P.M. Liner Size W.L. F.C. pH.												

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change WEIGHT VISCOSITY GEL PUMPS No. 1 Pressure Model S.P.M. Liner Size No. 2 Pressure Model S.P.M. Liner Size W.L. F.C. pH.												

From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands
					No.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons	
MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change WEIGHT VISCOSITY GEL PUMPS No. 1 Pressure Model S.P.M. Liner Size No. 2 Pressure Model S.P.M. Liner Size W.L. F.C. pH.												

REMARKS

Time

Start Stop Interval

Running in 1200 1230

Testing #3 1230 330

Trip out 330 530

Repairing Tool 530 800

C.B. Ft.

Subs. Ft.

Ft. Up On Kelly

TOTAL

Slip Feet Cut Feet Left on Spool Next Slip

Slip Feet Cut Feet Left on Spool Next Slip

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Totco Ring on Bit No. D.P. Cal. ured Date Results From Pipe Rack

B.O.P. Test-Operated Time Results

Total Contractor Time Hrs. Toolpusher

Total Company Time Hrs. Approved by

TRJ-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. LOCATION

AREA

DATE Aug 5 19

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		8		2015																									
Derrick		8																											
Floor		8																											
Floor																													
Floor																													
Motor																													
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		4		2015																									
Derrick		4																											
Floor		4																											
Floor																													
Motor																													
Mechanic																													
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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		4		2015																									
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MUD		12 Mn.		2 a.m.		4 a.m.		6 a.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change													
WEIGHT																													
VISCOSITY																													
GEL																													
PUMPS		No. 1		Pres- sure																									
Model		S.P.M.																											
Liner Size																													
No. 2		Pres- sure																											
Model		S.P.M.																											
Liner Size																													
General																													
W.L.		F.C.		pH.																									
MUD		8 a.m.		10 a.m.		12 Noon		2 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change													
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MUD		4 p.m.		6 p.m.		8 p.m.		10 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change													
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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 _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. 5 LOCATION

Deer Creek H-77

AREA

DATE *Aug 4 1967*

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. Corrihal</i>	<i>1980</i>	<i>95</i>	<i>1019</i>																																																																																																																																																								
Derrick	<i>E. Ferguson</i>																																																																																																																																																											
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REMARKS	Time		
	Start	Stop	Interval
Drilling	1200		100
Mix mud	100		
17 Bags			500
Trip out	600		900
Moved Lager of 800		200	
barge and repairing			
✓ Logger			
Logging	200		400
Logging	400		530
Hauling cement	530		800
and repairing			
Logger	800		1200

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 _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. LOCATION

Year — 1947
Specify actual hours worked Hrs.

Driller R Corrigan 8
Derrick F Ferguson 8
Floor J Hawck 8

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

Year — 1947
Specify actual hours worked Hrs.

Driller R Corrigan 8
Derrick F Ferguson 8
Floor J Hawck 8

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

Year — 1947
Specify actual hours worked Hrs.

Driller R Corrigan 4
Derrick F Ferguson 4
Floor J Hawck 4

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands
No. O.D. I.D. Wgt. Gals. Bbls. Tons
1800 10 1810

BIT S 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.

MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change

WEIGHT

VISCOSITY

GEL

No. 1 Pres- sure Model S.P.M. Liner Size

No. 2 Pres- sure Model S.P.M. Liner Size

Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet or Cut Feet Left on Spool Next Slip

General

W.L. F.C. pH.

Year — 1947
Specify actual hours worked Hrs.

Driller R Corrigan 8
Derrick F Ferguson 8
Floor J Hawck 8

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

Year — 1947
Specify actual hours worked Hrs.

Driller R Corrigan 4
Derrick F Ferguson 4
Floor J Hawck 4

Floor

Floor

Motor

Mechanic

Extra

Injuries:

Fires:

REMARKS

Start Stop Interval

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

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. _____ LOCATION _____

Ocean Creek **DAILY** H-77

AREA

DATE 11.2.57 1957

REMARKS

Time

Start	Stop	Interval
-------	------	----------

[illegible]

Totco Ring on Bit No. _____ J.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 _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. 5 LOCATION Oscar Creek H-77 AREA DATE July 31, 1967

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	1535	1608											
Derrick	8													
Floor														
Floor														
Floor														
Motor														
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	8	1609	42	1650										
Derrick	8													
Floor														
Floor														
Floor														
Motor														
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	4	1650	45	1655										
Derrick	4													
Floor														
Floor														
Floor														
Motor														
Mechanic	4													
Extra														
Injuries:														
Fires:														

REMARKS	Time		
	Start	Stop	Interval
Drilling	12:00	3:30	
Circulating	3:30	3:45	
Drilling	3:45	4:30	
Circulating	4:30	4:45	
Drilling	4:45	5:30	
Trip	5:30	8:00	
Company Time			
Cont'r Time			
Drilling	8:00	9:00	
Drilling	9:00	3:00	
Drilling	3:00	4:00	
Company Time			
Cont'r Time			
Run in new bit	4:00	5:00	
Drilling	5:00	5:30	
Circulating	5:30	6:00	
Trip out	6:00	8:00	
Company Time			
Cont'r Time			
Waiting on Magnet	8:00	12:00	
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 _____

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No.	LOCATION	AREA	DATE	19	REMARKS	Time		
						Start	Stop	Interval
Tour — Midnight - 8 a.m.								
Specify actual hours worked								
Driller	8							
Derrick	8							
Floor	8							
From 1250 To 1370 Hrs. on Bottom								
Wt. Drill String (1000 lbs.)								
DRILL COLLARS								
FUEL								
WATER								
COAL								
Stands								
Singles								
D. Collars								
Other Ft.								
C.B. Ft.								
Subs. Ft.								
Ft. Up On Kelly								
TOTAL								
MUD								
WEIGHT								
VISCOSITY								
GEL								
PUMPS								
No. 1								
No. 2								
General								
W.L. F.C. pH.								
Tour — 8 a.m. to 4 p.m.								
Specify actual hours worked								
Driller	8							
Derrick	8							
Floor	8							
From 1310 To 1500 Hrs. on Bottom								
Wt. Drill String (1000 lbs.)								
DRILL COLLARS								
FUEL								
WATER								
COAL								
Stands								
Singles								
D. Collars								
Other Ft.								
C.B. Ft.								
Subs. Ft.								
Ft. Up On Kelly								
TOTAL								
MUD								
WEIGHT								
VISCOSITY								
GEL								
PUMPS								
No. 1								
No. 2								
General								
W.L. F.C. pH.								
Tour — 4 p.m. to Midnight								
Specify actual hours worked								
Driller	4							
Derrick	4							
Floor	4							
From 1500 To 1560 Hrs. on Bottom								
Wt. Drill String (1000 lbs.)								
DRILL COLLARS								
FUEL								
WATER								
COAL								
Stands								
Singles								
D. Collars								
Other Ft.								
C.B. Ft.								
Subs. Ft.								
Ft. Up On Kelly								
TOTAL								
MUD								
WEIGHT								
VISCOSITY								
GEL								
PUMPS								
No. 1								
No. 2								
General								
W.L. F.C. pH.								

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

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

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. _____ LOCATION _____		AREA _____		DATE <u>July 29, 1967</u>		REMARKS		Time							
								Start	Stop	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 _____ Hrs.		8:00	3:10	10:10			No. O.D. I.D. Wgt.	Gals.	Bbls.	Tons	Singles	1200	300		
Driller	<u>E. Ferguson</u>											D. Collars	300	400	
Derrick	<u>H. Haden</u>											Other Ft.	400	800	
Floor												C.B. Ft.			
Floor												Subs. Ft.			
Motor												Ft. Up On Kelly			
Mechanic												TOTAL			
Extra															
Injuries:															
Fires:															
												Company Time	Cont'r Time		
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.		8:00	1:30	1:50			No. O.D. I.D. Wgt.	Gals.	Bbls.	Tons	Singles				
Driller	<u>H. Haden</u>											D. Collars			
Derrick	<u>B. W. Jackson</u>											Other Ft.			
Floor	<u>H. Haden</u>											C.B. Ft.			
Floor												Subs. Ft.			
Motor												Ft. Up On Kelly			
Mechanic	<u>E. JACKSON</u>											TOTAL			
Extra															
Injuries:															
Fires:															
												Company Time	Cont'r Time		
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.		4:00	10:10	12:30			No. O.D. I.D. Wgt.	Gals.	Bbls.	Tons	Singles				
Driller	<u>R. W. Jackson</u>											D. Collars			
Derrick	<u>B. W. Jackson</u>											Other Ft.			
Floor	<u>H. Haden</u>											C.B. Ft.			
Floor												Subs. Ft.			
Motor												Ft. Up On Kelly			
Mechanic	<u>E. JACKSON</u>											TOTAL			
Extra															
Injuries:															
Fires:															
												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 _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD

DAY WORK RECORD

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

RIG No. 5 LOCATION AREA DATE 19		REMARKS										Time		
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.)		DRILL COLLARS			FUEL	WATER	COAL	Stand's	Start	Stop	Interval			
No. O.D. I.D. Wgt.		Gals.	Bbls.	Tons										
Tear — Midnight - 8 a.m.		DRILLING										1200	630	
Specify actual hours worked Hrs. 400 100 500		TRIP										630	730	
Driller R. Carrick 8		REAMING 40'										730	800	
Derrick E. Ferguson 8														
Floor J. Hauck 8														
Floor														
Floor														
Motor														
Mechanic														
Extra														
Injuries:														
Fires:														
Tear — 8 a.m. to 4 p.m.		DRILLING										800	400	
Specify actual hours worked Hrs. 500 195 696														
Driller														
Derrick														
Floor														
Floor														
Motor														
Mechanic E. Jackson 4														
Extra														
Injuries:														
Fires:														
Tear — 4 p.m. to Midnight		TRIP OUT FOR BIT												
Specify actual hours worked Hrs. 696 64 750		RUN IN										500	800	
Driller A. Anderson 4		DRILLING										800	1200	
Derrick 2 400 4														
Floor 1 400 4														
Floor														
Motor R. Carrick 4														
Mechanic E. Ferguson 4														
Extra J. Hauck 4														
Injuries:														
Fires:														

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 _____

Total Company Time _____ Hrs.

Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. 5		LOCATION		AREA		DATE July 27 1967		REMARKS		Time		
Start		Stop		Interval								
Tear — Midnight - 8 a.m.								Cementing		1200		1.30
Specify actual hours worked		Hrs.										
Driller	R. Corral											
Derrick	E. Ferguson							W.O.C.		130		
Floor	J. Hauck							Repairing Pumps				800
Floor												
Floor												
Motor												
Mechanic												
Extra												
Injuries:												
Fires:												
Tear — 8 a.m. to 4 p.m.								rain in drill pipe		800		1.30
Specify actual hours worked		Hrs.										
Driller												
Derrick								Cleaning Cement				
Floor								out of Kelly bars		8.30		1.40
Floor								and slack pipe				
Floor												
Motor												
Mechanic	E. Jackson											
Extra												
Injuries:												
Fires:												
Tear — 4 p.m. to Midnight								Drilling		900		1200
Specify actual hours worked		Hrs.										
Driller	R. Corral											
Derrick	E. Ferguson											
Floor	J. Hauck											
Floor												
Motor												
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 _____

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION

AREA

DATE July 26 1967

REMARKS

Time		
Start	Stop	Interval

Team — 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		H.s.		Feet Reamed		Hrs.		CONDITION		D. Collars	
Driller	P. Carrisal	8																											
Derrick	E. Ferguson	8																											
Floor	J. Hauck	8																											
Floor																													
Floor																													
Motor																													
Mechanic																													
Extra																													
Injuries:																													
Fires:																													
Team — 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	A. Henderson	8				270		30		300																			
Derrick	B. V. H. 1251	8																											
Floor	H. H. 1251	8																											
Floor																													
Floor																													
Motor																													
Mechanic	E. Jackson	8																											
Extra																													
Injuries:																													
Fires:																													
Team — 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	B. V. H. 1251	4				300		6		306																			
Derrick	H. H. 1251	4																											
Floor	H. H. 1251	4																											
Floor	P. Carrisal	4																											
Motor	E. Ferguson	4																											
Mechanic	J. Hauck	4																											
Extra																													
Injuries:																													
Fires:																													

W.C.C.		1100		600	
TRIP IN		600		630	
DOLLING plug		630			

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 _____

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION _____

AREA

DATE July 25 1967

REMARKS

DAY WORK RECORD

Year — 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	Serial No.	Weight	R.P.M.	Ft. Drilled	Hrs.	Feet Reamed	Hrs.	Gals.	Bbls.	Tons	Singles			
Driller	Kay Corrigal	8															D. Collars		
Derrick	E Ferguson	8															Other Ft.		
Floor	J Hauck	8															C.B. Ft.		
Floor																	Subs. Ft.		
Floor																	Ft. Up On Kelly		
Motor																	TOTAL		
Mechanic																			
Extra																			
Injuries:																			
Fires:																			
Year — 8 a.m. to 4 p.m.		Hrs.															Company Time	Cont'r Time	
Driller	A Anderson	8															REPAIRING WATER SWELL	8.00	9.00
Derrick	B. Williams	8															REPAIRING B.O.P.	9.00	12.30
Floor	H. LePine	8															DRILLING	12.30	3.00
Floor																	Mixed GEL FLOWING WORK	3.00	7.00
Floor																	Mixed CEMENT SS BAGS	7.00	8.00
Floor																	3000 GEL		
Motor																			
Mechanic	E JACKSON	8																	
Extra																			
Injuries:																			
Fires:																			
Year — 4 p.m. to Midnight		Hrs.															Company Time	Cont'r Time	
Driller	A Anderson	6															CEMENTING - RUN PLUG	8.00	9.30
Derrick	B. Williams	6																	
Floor	H. LePine	6																	
Floor	I. Corrigal	4																	
Floor	E Ferguson	4																	
Motor	J Hauck	4																	
Mechanic																			
Extra																			
Injuries:																			
Fires:																			
Year — Midnight - 8 a.m.		Hrs.															Company Time	Cont'r Time	
Driller	Kay Corrigal	8															NIPPING UP	12.00	5.30
Derrick	E Ferguson	8															PRESSURING UP - 1000' - 15 H.H.	5.30	6.00
Floor	J Hauck	8															DRILLING PLUS	6.00	8.00
Floor																			
Floor																			
Motor																			
Mechanic																			
Extra																			
Injuries:																			
Fires:																			
Year — 8 a.m. to 4 p.m.		Hrs.															Company Time	Cont'r Time	
Driller	A Anderson	8															REPAIRING WATER SWELL	8.00	9.00
Derrick	B. Williams	8															REPAIRING B.O.P.	9.00	12.30
Floor	H. LePine	8															DRILLING	12.30	3.00
Floor																	Mixed GEL FLOWING WORK	3.00	7.00
Floor																	Mixed CEMENT SS BAGS	7.00	8.00
Floor																	3000 GEL		
Motor																			
Mechanic	E JACKSON	8																	
Extra																			
Injuries:																			
Fires:																			
Year — 4 p.m. to Midnight		Hrs.															Company Time	Cont'r Time	
Driller	A Anderson	6															CEMENTING - RUN PLUG	8.00	9.30
Derrick	B. Williams	6																	
Floor	H. LePine	6																	
Floor	I. Corrigal	4																	
Floor	E Ferguson	4																	
Motor	J Hauck	4																	
Mechanic																			
Extra																			
Injuries:																			
Fires:																			
Year — Midnight - 8 a.m.		Hrs.															Company Time	Cont'r Time	
Driller	Kay Corrigal	8															NIPPING UP	12.00	5.30
Derrick	E Ferguson	8															PRESSURING UP - 1000' - 15 H.H.	5.30	6.00
Floor	J Hauck	8															DRILLING PLUS	6.00	8.00
Floor																			
Floor																			
Motor																			
Mechanic																			
Extra																			
Injuries:																			
Fires:																			
Year — 8 a.m. to 4 p.m.		Hrs.															Company Time	Cont'r Time	
Driller	A Anderson	8															REPAIRING WATER SWELL	8.00	9.00
Derrick	B. Williams	8															REPAIRING B.O.P.	9.00	12.30
Floor	H. LePine	8															DRILLING	12.30	3.00
Floor																	Mixed GEL FLOWING WORK	3.00	7.00
Floor																	Mixed CEMENT SS BAGS	7.00	8.00
Floor																	3000 GEL		

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 _____

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION

AREA

DATE July 24 1967

REMARKS

DAY WORK RECORD

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

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	P. Corrietal	8																							
Derrick	E. Ferguson	8																							
Floor	J. Hawk	8																							
Floor																									
Floor																									
Motor																									
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	P. Anderson	12																							
Derrick	R. McElroy	8																							
Floor	KEEPING	8																							
Floor																									
Floor																									
Motor																									
Mechanic	E. Jackson	8																							
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	P. Anderson	4																							
Derrick	P. McElroy	4																							
Floor	KEEPING	4																							
Floor																									
Floor	R. Corrietal	4																							
Motor	E. Ferguson	4																							
Mechanic	J. Hawk	4																							
Extra																									
Injuries																									
Fires																									

Setting casing 5" 200

Running 7" casing 400

Cementing 50 bags 600

Clean up 800

Run 156 ft 5 1/2" 155-14" casing

Guided by 7" float

Cemented with 53 bag cement

Plug down 1" 100 ft

Company Time

Cont'r Time

W.O.C.

CLEAN UP

SPOT - 100 ft

KEEPING

W.O.C.

3

Nippling up

Company Time

Cont'r Time

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

Total Contractor Time _____ Hrs. Toolpusher _____

Total Company Time _____ Hrs. Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD

DAY WORK RECORD

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

RIG No. 5 LOCATION

AREA

DATE July 23 1967

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.	O.D.	I.D.	Wgt.	Gals.	Bbls.	Tons			Start	Stop	Interval			
Driller	R. Carrick 8														REAMING + SETTING Casing 4" 1200 Mixed 2 Pel 1 Cal CHloride						
Derrick	E. Ferguson 8																				
Floor	J. Hauck 8																				
Floor																					
Floor																					
MUD		12 Mn.	2 a.m.	4 a.m.	6 a.m.	Additives	At Surveys Degree				MOTOR HOURS		Next Oil Change								
WEIGHT																					
VISCOSITY																					
GEL																					
PUMP		No. 1	Pressure																		
M		Model	S.P.M.																		
P		Liner Size																			
S		No. 2	Pressure																		
		Model	S.P.M.																		
		Liner Size																			
W.L.		F.C.	pH.																		
Tour — 4 p.m. to Midnight		From	Footage	To	Hrs. on Bottom	Wt. Drill String (1000 lbs.)	DRILL COLLARS				FUEL	WATER	COAL	Stands	DRILLING TRIP OUT REAMING 1 1/4 used REAMING 4 1/4 SETTING Casing 5" 900						
Specify actual hours worked	Hrs.																				
Driller	D. Anderson 4																				
Derrick	B. Witzkin 6																				
Floor	P. Levine 4																				
MUD		4 p.m.	6 p.m.	8 p.m.	10 p.m.	Additives	At Surveys Degree				MOTOR HOURS		Next Oil Change								
WEIGHT																					
VISCOSITY																					
GEL																					
PUMP		No. 1	Pressure																		
M		Model	S.P.M.																		
P		Liner Size																			
S		No. 2	Pressure																		
		Model	S.P.M.																		
		Liner Size																			
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 _____
 Total Company Time _____ Hrs. Approved by _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD
NOTE—Please show FOOTAGE made while "Control Drilling" as well as HOURS.

RIG No. 5 LOCATION

AREA

DATE JULY 28 1967

Tour — Midnight - 8 a.m.		From Footage To										Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS				FUEL		WATER		COAL		REMARKS					
Specify actual hours worked		Hrs.		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		Start Stop Interval			
Driller	<u>R. G. G. G. G.</u>	<u>8</u>																													
Derrick	<u>E. Ferguson</u>	<u>8</u>																													
Floor	<u>J. Hauck</u>	<u>8</u>																													
Floor																															
Motor																															
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		REMARKS					
Specify actual hours worked		Hrs.		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		Start Stop Interval			
Driller	<u>A. J. Jackson</u>	<u>8</u>																													
Derrick	<u>E. Ferguson</u>	<u>8</u>																													
Floor	<u>J. Hauck</u>	<u>8</u>																													
Floor																															
Motor																															
Mechanic	<u>E. Jackson</u>	<u>8</u>																													
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		REMARKS					
Specify actual hours worked		Hrs.		No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.		Feet Reamed		Hrs.		CONDITION		Start Stop Interval			
Driller	<u>A. J. Jackson</u>	<u>4</u>																													
Derrick	<u>B. W. T. S. S.</u>	<u>4</u>																													
Floor	<u>J. Hauck</u>	<u>4</u>																													
Floor	<u>P. L. S.</u>	<u>4</u>																													
Motor	<u>E. Ferguson</u>	<u>4</u>																													
Mechanic	<u>J. Hauck</u>	<u>4</u>																													
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 _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD DAY WORK RECORD

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

RIG No. 5 LOCATION

AREA

DATE July 29, 67

Time		REMARKS	Start	Stop	Interval
Turn — Midnight - 8 a.m. Specify actual hours worked Hrs.					
Driller	R. Carrick 8				
Derrick	J. Hauck 8				
Floor	E. Ferguson 8				
Floor					
Floor					
Motor					
Mechanic					
Extra					
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands No. O.D. I.D. Wgt. Gals. Bbls. Tons No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION MUD 12 Mn. 2 a.m. 4 a.m. 6 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change WEIGHT VISCOSITY GEL No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. Liner Size Liner Size Liner Size Liner Size Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet Cut Feet Left on Spool Next Slip W.L. F.C. pH.		Waiting on casing	1200		500
Turn — 8 a.m. to 4 p.m. Specify actual hours worked Hrs.					
Driller	R. Carrick 8				
Derrick	J. Hauck 8				
Floor	E. Ferguson 8				
Floor					
Floor					
Motor					
Mechanic	E. Jackson 8				
Extra					
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands No. O.D. I.D. Wgt. Gals. Bbls. Tons No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION MUD 8 a.m. 10 a.m. 12 Noon 2 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change WEIGHT VISCOSITY GEL No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. Liner Size Liner Size Liner Size Liner Size Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet Cut Feet Left on Spool Next Slip W.L. F.C. pH.		Waiting on casing	800		400
Turn — 4 p.m. to Midnight Specify actual hours worked Hrs.					
Driller	R. Carrick 4				
Derrick	J. Hauck 4				
Floor	E. Ferguson 4				
Floor					
Floor					
Motor					
Mechanic					
Extra					
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands No. O.D. I.D. Wgt. Gals. Bbls. Tons No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION MUD 4 p.m. 6 p.m. 8 p.m. 10 p.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change WEIGHT VISCOSITY GEL No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. Liner Size Liner Size Liner Size Liner Size Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet Cut Feet Left on Spool Next Slip W.L. F.C. pH.		Waiting on casing	400		800
Turn — 8 p.m. to Midnight Specify actual hours worked Hrs.					
Driller	R. Carrick 4				
Derrick	J. Hauck 4				
Floor	E. Ferguson 4				
Floor					
Floor					
Motor					
Mechanic					
Extra					
From Footage To Hrs. on Bottom Wt. Drill String (1000 lbs.) DRILL COLLARS FUEL WATER COAL Stands No. O.D. I.D. Wgt. Gals. Bbls. Tons No. Size Type Size Jets Serial No. Weight R.P.M. Ft. Drilled Hrs. Feet Reamed Hrs. CONDITION MUD 8 p.m. 10 p.m. 12 Noon 2 a.m. Additives At Surveys Degree MOTOR HOURS Next Oil Change WEIGHT VISCOSITY GEL No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. No. 1 Pressure S.P.M. No. 2 Pressure S.P.M. Liner Size Liner Size Liner Size Liner Size Size TRIPS No. Lines TON MILES TOTAL MILES Slip Feet Cut Feet Left on Spool Next Slip W.L. F.C. pH.		Waiting on casing	800		1200

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

Ton Company Time Hrs.

Approved by

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD

DAY WORK RECORD

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

RIG No.		LOCATION		AREA		DATE		REMARKS		Time										
										Start	Stop	Interval								
Tour — Midnight - 8 a.m.																				
Specify actual hours worked		Hrs.																		
Driller	P. CORRISH	8																		
Derrick	J. HANCK	8																		
Floor	E. FERGUSON	8																		
From		Footage		To		Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS		FUEL	WATER	COAL	Stands					
60		80																		
No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
4		4 1/2		CUMMER				31785												
MUD		12 Mn.		2 a.m.		4 a.m.		6 a.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change				
WEIGHT										400 GEL										
VISCOSITY																				
GEL																				
No. 1		Pres-ure																		
Model		S.P.M.																		
Liner Size																				
No. 2		Pres-ure																		
Model		S.P.M.																		
Liner Size																				
W.L.		F.C.		pH.																
Company Time																				
Cont'r Time																				
Tour — 8 a.m. to 4 p.m.																				
Specify actual hours worked		Hrs.																		
Driller	P. CORRISH	8																		
Derrick	B. WILSON	8																		
Floor	H. L. DINE	8																		
From		Footage		To		Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS		FUEL	WATER	COAL	Stands					
0		80		80																
No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
MUD		8 a.m.		10 a.m.		12 noon		2 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change				
WEIGHT										800 GEL										
VISCOSITY		80																		
GEL		8																		
No. 1		Pres-ure																		
Model		S.P.M.																		
Liner Size																				
No. 2		Pres-ure																		
Model		S.P.M.																		
Liner Size																				
W.L.		F.C.		pH.																
Company Time																				
Cont'r Time																				
Tour — 4 p.m. to Midnight																				
Specify actual hours worked		Hrs.																		
Driller	P. CORRISH	4																		
Derrick	B. WILSON	4																		
Floor	H. L. DINE	4																		
Floor	P. CORRISH	4																		
Floor	J. HANCK	4																		
Motor	E. FERGUSON	4																		
From		Footage		To		Hrs. on Bottom		Wt. Drill String (1000 lbs.)		DRILL COLLARS		FUEL	WATER	COAL	Stands					
80		80		100																
No.		Size		Type		Size Jets		Serial No.		Weight		R.P.M.		Ft. Drilled		Hrs.	Feet Reamed	Hrs.	CONDITION	D. Collars
MUD		4 p.m.		6 p.m.		8 p.m.		10 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change				
WEIGHT										200 GEL										
VISCOSITY																				
GEL																				
No. 1		Pres-ure																		
Model		S.P.M.																		
Liner Size																				
No. 2		Pres-ure																		
Model		S.P.M.																		
Liner Size																				
W.L.		F.C.		pH.																
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 _____

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD

DAY WORK RECORD

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

RIG No. 3 LOCATION

AREA

DATE July 19 1967

Time		REMARKS	Start	Stop	Interval										
Midnight - 8 a.m.		Cleared P.T. Digging Gravel Mixed 5 Gel	12 PM												
Specify actual hours worked															
Driller	R. C. ...														
Derrick	F. Hawk														
Floor	E. Ferguson														
Floor															
Floor															
Motor															
Mechanic	F. Jackson														
Extra															
From 60 To 80 Footage		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															
MUD		12 Mn. 2 a.m. 4 a.m. 6 a.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change					
WEIGHT				500 GEL				1							
VISCOSITY								2							
GEL								3							
No. 1 Pressure								4							
Model S.P.M.								5							
Liner Size								Slip		Feet or Cut		Feet Left on Spool		Next Slip	
No. 2 Pressure															
Model S.P.M.															
Liner Size															
W.L.		F.C.		pH.											
8 a.m. to 4 p.m.		REPAIRING PUMPS Dig PIT mixed GEL 1000 LBS	8:00												
Specify actual hours worked															
Driller	P. ...														
Derrick	B. ...														
Floor	F. ...														
Floor															
Floor															
Motor															
Mechanic	E. JACKSON														
Extra															
From 80 To 86 Footage		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															
MUD		8 a.m. 10 a.m. 12 Noon 2 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change					
WEIGHT				1000 GEL				1							
VISCOSITY								2							
GEL								3							
No. 1 Pressure								4							
Model S.P.M.								5							
Liner Size								Slip		Feet or Cut		Feet Left on Spool		Next Slip	
No. 2 Pressure															
Model S.P.M.															
Liner Size															
W.L.		F.C.		pH.											
4 p.m. to Midnight		TRIPING DRILLING GRAVEL DRILLING Gravel Mixed 6 Gel 4 MAGBAR	4:00												
Specify actual hours worked															
Driller	P. ...														
Derrick	B. ...														
Floor	F. ...														
Floor															
Floor															
Motor															
Mechanic	E. JACKSON														
Extra															
From 86 To 90 Footage		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															
MUD		4 p.m. 6 p.m. 8 p.m. 10 p.m.		Additives		At Surveys Degree		MOTOR HOURS		Next Oil Change					
WEIGHT				600 GEL				1							
VISCOSITY				400 MAGBAR				2							
GEL								3							
No. 1 Pressure								4							
Model S.P.M.								5							
Liner Size								Slip		Feet or Cut		Feet Left on Spool		Next Slip	
No. 2 Pressure															
Model S.P.M.															
Liner Size															
W.L.		F.C.		pH.											

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

Total Company Time Hrs.

Approved by

TRI-CITY DRILLING LTD.

DAILY DRILLING REPORT

BOARD

DAY WORK RECORD

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

RIG No. 5 LOCATION OSCAR CREEK - H-77AREA 14 DATE JULY 19 1967

Time		REMARKS		Start	Stop	Interval
Tour — Midnight - 8 a.m.						
Specify actual hours worked						
Driller						
Derrick						
Floor						
Floor						
Floor						
Motor						
Mechanic						
Extra						
Injuries						
Fires						
Tour — 8 a.m. to 4 p.m.						
Specify actual hours worked						
Driller	<u>R. CORRELL</u>					
Derrick	<u>J. HANNAH</u>					
Floor	<u>E. FERGUSON</u>					
Floor						
Motor						
Mechanic						
Extra						
Injuries						
Fires						
Tour — 4 p.m. to Midnight						
Specify actual hours worked						
Driller	<u>R. A. JACKSON</u>					
Derrick	<u>C. WATZMAN</u>					
Floor	<u>H. LEWIS</u>					
Floor						
Motor						
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 _____