

DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(316) 653-7550

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Company Trans Pacific Oil Corporation Lease & Well No. Showalter "A" No. 1

Elevation 2168 KB Formation Cherokee SS Effective Pay --Ft. Ticket No. 1433

Date 11-3-99 Sec. 33 Twp. 18S Range 20W County Rush State Kansas

Test Approved By Jon Christensen Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 4,123 ft. to 4,158 ft. Total Depth 4,158 ft.

Packer Depth 4,118 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 4,123 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 4,104 ft. Recorder Number 13386 Cap. 3,875 psi

Bottom Recorder Depth (Outside) 4,155 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Duke Drlg Co., Inc. - Rig 4 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 42 Weight Pipe Length -- ft. I.D. -- in.

Weight 9.1 Water Loss 10.4 cc. Drill Pipe Length 4,091 ft. I.D. 3 1/2 in.

Chlorides 3,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number 1 Anchor Length 35 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, surface blow. Died in 22 mins.
2nd Open: No blow.

Recovered 3 ft. of drilling mud with a few oil specks & good, gassy odor = .03567 bbls.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 3:08 ~~XXXX~~ A.M. P.M. Time Started Off Bottom 5:08 ~~XXXX~~ P.M. Maximum Temperature 112 °

Initial Hydrostatic Pressure (A) 2033 P.S.I.

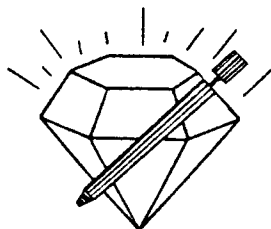
Initial Flow Period Minutes 30 (B) 55 P.S.I. to (C) 55 P.S.I.

Initial Closed In Period Minutes 30 (D) 57 P.S.I.

Final Flow Period Minutes 30 (E) 55 P.S.I. to (F) 55 P.S.I.

Final Closed In Period Minutes 30 (G) 57 P.S.I.

Final Hydrostatic Pressure (H) 2022 P.S.I.



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FLUID SAMPLE DATA

Company Trans Pacific Oil Corporation

Lease & Well No. Showalter "A" No. 1

Date 11-3-99 Sec. 33 Twp. 18 S Range 20 W

Formation Test No. 1 Interval Tested From 4,123 ft. to 4,158 ft. Total Depth 4,158 ft.

Formation Cherokee SS

	<u>MUD PIT</u>	<u>RECOVERY</u>	
Viscosity	<u>42</u> CP	<u>--</u> CP	TOO SMALL TO CHECK.
Weight	<u>9.1</u>	<u>--</u>	
Water Loss	<u>10.4</u> CC	<u>--</u> CC	
PH Factor	<u>10.5</u>	<u>--</u>	

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud Filtrate	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Mud Pit Sample	<u>1.50</u> @ <u>68</u> °F. <u>5,000</u> ppm	
Mud Pit Sample Filtrate	<u>1.40</u> @ <u>72</u> °F. <u>4,200</u> ppm	

Sample Taken By Roger D. Friedly

Witness By Jon Christensen

Remarks Pit filtrate triton dish chlorides were 3,500 Ppm.

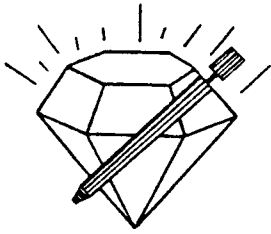


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Company Trans Pacific Oil Corporation Lease & Well No. Showalter "A" No. 1
Elevation 2168 KB Formation Cherokee SS Effective Pay Ft. Ticket No. 1434
Date 11-4-99 Sec. 33 Twp. 18S Range 20W County Rush State Kansas
Test Approved By Jon Christensen Diamond Representative Roger D. Friedly
Formation Test No. 2 Interval Tested from 4,123 ft. to 4,163 ft. Total Depth 4,163 ft.
Packer Depth 4,118 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 4,123 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Depth of Selective Zone Set ft.
Top Recorder Depth (Inside) 4,104 ft. Recorder Number 13386 Cap. 3,875 psi
Bottom Recorder Depth (Outside) 4,160 ft. Recorder Number 13556 Cap. 5,475 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi
Drilling Contractor Duke Drlg Co., Inc. - Rig 4 Drill Collar Length ft. I.D. in.
Mud Type Chemical Viscosity 42 Weight Pipe Length ft. I.D. in.
Weight 9.1 Water Loss 10.4 cc. Drill Pipe Length 4,091 ft. I.D. 3 1/2 in.
Chlorides 3,500 P.P.M. Test Tool Length 32 ft. Tool Size 3 1/2 - IF in.
Jars: Make Bowen Serial Number 1 Anchor Length 40 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.
Blow: 1st Open: Weak, surface blow increasing to 1 1/2 ins.
2nd Open: Weak, surface blow increasing to 1/2 in.
Recovered 21 ft. of drilling mud with some free oil in tool & a good, gassy odor = .24969 bbls.
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks

Time Set Packer(s) 3:10 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:25 ~~P.M.~~ ^{A.M.} Maximum Temperature 120°
Initial Hydrostatic Pressure 2021 (A) P.S.I.
Initial Flow Period 30 Minutes (B) 68 P.S.I. to (C) 57 P.S.I.
Initial Closed In Period 30 Minutes (D) 478 P.S.I.
Final Flow Period 45 Minutes (E) 68 P.S.I. to (F) 57 P.S.I.
Final Closed In Period 30 Minutes (G) 464 P.S.I.
Final Hydrostatic Pressure 1996 (H) P.S.I.



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FLUID SAMPLE DATA

Company Trans Pacific Oil Corporation
Lease & Well No. Showalter "A" No. 1
Date 11-4-99 Sec. 33 Twp. 18 S Range 20 W
Formation Test No. 2 Interval Tested From 4,123 ft. to 4,163 ft. Total Depth 4,163 ft.
Formation Cherokee SS

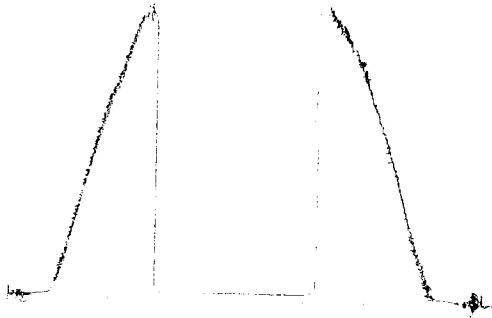
	<u>MUD PIT</u>	<u>RECOVERY</u>	
Viscosity	<u>42</u> CP	<u>44</u> CP	
Weight	<u>9.1</u>	<u>9.0</u>	BTM
Water Loss	<u>10.4</u> CC	<u>10.4</u> CC	<u>11.2</u>
PH Factor	<u>10.5</u>	<u>10.5</u>	<u>10.5</u>

	<u>RESISTIVITY</u>	<u>CHLORIDE CONTENT</u>
Recovery Water	<u>--</u> @ <u>--</u> °F. <u>--</u> ppm	
Recovery Mud	<u>.78</u> @ <u>82</u> °F. <u>6,800</u> ppm	
Recovery Mud Filtrate	<u>.66</u> @ <u>78</u> °F. <u>8,000</u> ppm	
Mud Pit Sample	<u>1.50</u> @ <u>68</u> °F. <u>5,000</u> ppm	
Mud Pit Sample Filtrate	<u>1.40</u> @ <u>72</u> °F. <u>4,200</u> ppm	

Sample Taken By Roger D. Friedly
Witness By Jon Christensen
Remarks Pit filtrate triton dish chlorides were 3,500 Ppm.
Recovery filtrate triton dish chlorides were 7,000 Ppm.
Bottom recovery filtrate triton dish chlorides were 7,000 Ppm.

DST #1 Outside 13556
Clock 6913 Cher. SS

4123 - 4158
LOC 4155



DST #2 Outside 13556
Clock 6913 Cher. SS

4123 - 4163
LOC 4160

