



Diamond Testing General Report

**JAKE
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P.O. Box 157
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General Information

Company Name	Trans Pacific Oil Corp.	Well Name	Benson-Harkness #2
Well Operator	Trans Pacific Oil Corp.	Unique Well ID	DST #3 Mississippian 4433'-4457'
Contact	Beth Isern	Surface Location	Sec 31-19s-24w-Ness Co.-KS
Site Contact	Beth Isern	Test Unit	#5
Field	NA	Pool	NA
Well Type	Vertical	Job Number	F152
Prepared By	Jake Fahrenbruch	Qualified By	Beth Isern

Test Information

Test Type	Conventional Bottom-Hole	Test Purpose	Initial Test
Formation	Mississippian 4433'-4457'	Gauge Name	0062
Start Test Date	2013/07/26	Start Test Time	06:30:00
Final Test Date	2013/07/26	Final Test Time	15:21:00

Test Results

30 minute initial flow period:	Surface blow, increased to 3.25" in bucket.
75 minute initial shut-in period:	No blow.
60 minute final flow period:	No blow, increased to surface blow in 15 minutes, increased to 1" on 60 minutes.
90 minute final shut-in period:	No blow.

Recovered: 10' Free Oil
55' W&OCM 12% oil, 10% wtr, 78% mud
----- Total Recovered Fluid: 65'
----- Tool Sample: SWCOM 35% oil, 8% wtr, 57% mud
----- Gravity: 37 (corrected)
----- Chlorides: 8,000 PPM
----- RW: .7 ohm @ 80 Deg F
----- PH: 7.0
----- Bottom-Hole Temp: 119 Deg F

Pressures: IHP: 2158
IFP: 13-26
ISIP: 1026
FFP: 28-39
FSIP: 722
FHP: 2155

Thanks alot!



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: benhar2dst3

TIME ON: 6:30 AM
TIME OFF: 3:21 PM

Company Trans Pacific Oil Corp. Lease & Well No. Benson-Harkness #2
Contractor Duke Drilling Rig #4 Charge to Trans Pacific Oil Corp.
Elevation 2364' KB Formation Mississippian Effective Pay _____ Ft. Ticket No. F152
Date 7.26.13 Sec. 31 Twp. _____ 19 S Range _____ 24 W County _____ Ness State KANSAS
Test Approved By Beth Isern Diamond Representative Jake Fahrenbruch

Formation Test No. THREE Interval Tested from 4433 ft. to 4457 ft. Total Depth 4457 ft.
Packer Depth 4428 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4433 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4418 ft. Recorder Number 0062 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 4454 ft. Recorder Number 11033 Cap. 5,150 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type Chemical Viscosity 55 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 10.4 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 6,500 P.P.M. Drill Pipe Length 4406 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number NA Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 24 ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: Surface blow, increased to 3.25" in bucket.
2nd Open: No blow, increased to surface blow in 15 minutes, increased to 1" in 60 minutes.

Recovered <u>10 ft.</u> of Free Oil	
Recovered <u>55' ft.</u> of W&OCM <u>12% oil, 10% wtr, 78% mud</u>	
Recovered _____ ft. of <u>Total Fluid Recovered: 65'</u>	
Recovered _____ ft. of <u>Tool Sample: SWCOM 35% oil, 8% wtr, 57% mud</u>	
Recovered _____ ft. of <u>Gravity: 37 (corrected)</u>	Price Job
Recovered _____ ft. of <u>Chlorides: 8,000 PPM</u>	Other Charges
Remarks: _____ <u>RW: .7 ohm @ 80 Deg F</u>	Insurance
_____ <u>PH: 7.0</u>	Total

Time Set Packer(s) 8:50AM A.M. P.M. Time Started Off Bottom 1:05PM A.M. P.M. Maximum Temperature 119 Deg F

Initial Hydrostatic Pressure..... (A) 2158 P.S.I.
Initial Flow Period..... Minutes 30 (B) 13 P.S.I. to (C) 26 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 1026 P.S.I.
Final Flow Period..... Minutes 60 (E) 28 P.S.I. to (F) 39 P.S.I.
Final Closed In Period..... Minutes 90 (G) 722 P.S.I.
Final Hydrostatic Pressure..... (H) 2155 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Trans Pacific Oil Corp.
DST #3 Mississippian 4433'-4457'
Start Test Date: 2013/07/26
Final Test Date: 2013/07/26

Benson-Harkness #2
Formation: Mississippian 4433'-4457'
Pool: NA
Job Number: F152

Benson-Harkness #2

