



# Diamond Testing General Report

**JAKE  
FAHRENBRUCH - TESTER  
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## General Information

<b>Company Name</b>	Trans Pacific Oil Corp.	<b>Well Name</b>	Benson-Harkness #2
<b>Well Operator</b>	Trans Pacific Oil Corp.	<b>Unique Well ID</b>	DST #2 Mississippian 4431'-4449'
<b>Contact</b>	Beth Isern	<b>Surface Location</b>	Sec 31-19s-24w-Ness Co.-KS
<b>Site Contact</b>	Beth Isern	<b>Test Unit</b>	#5
<b>Field</b>	NA	<b>Pool</b>	NA
<b>Well Type</b>	Vertical	<b>Job Number</b>	F151
<b>Prepared By</b>	Jake Fahrenbruch	<b>Qualified By</b>	Beth Isern

## Test Information

<b>Test Type</b>	Conventional Bottom-Hole	<b>Test Purpose</b>	Initial Test
<b>Formation</b>	Mississippian 4431'-4449'	<b>Gauge Name</b>	0062
<b>Start Test Date</b>	2013/07/25	<b>Start Test Time</b>	10:54:00
<b>Final Test Date</b>	2013/07/25	<b>Final Test Time</b>	17:47:00

## Test Results

30 minute initial flow period:	Surface blow, increased to 1" in bucket.
75 minute initial shut-in period:	No blow.
25 minute final flow period:	No blow.
30 minute final shut-in period:	No blow.

<b>Recovered:</b>	5'	Free Oil (37 corrected gravity)
	15'	Oil Cut Mud 15% oil, 85% mud
	-----	Total Fluid Recovered: 20'
	-----	Tool Sample: Oily Mud 43% oil, 57% mud
	-----	Bottom-Hole Temp: 121 Deg F

<b>Pressures:</b>	IHP:	2174
	IFP:	11-16
	ISIP:	1050
	FFP:	18-20
	FSIP:	610
	FHP:	2173

Thank you very much!



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: benhar2dst2

TIME ON: on loc. 10:16 AM, Batt. on 10:54 AM  
TIME OFF: 5:47 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. F151  
Date 7.25.13 Sec. 31 Twp. \_\_\_\_\_ 19 S Range \_\_\_\_\_ 24 W County \_\_\_\_\_ Ness State KANSAS  
Test Approved By Beth Isern Diamond Representative Jake Fahrenbruch

Formation Test No. TWO Interval Tested from 4431 ft. to 4449 ft. Total Depth 4449 ft.  
Packer Depth 4426 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Packer Depth 4431 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4416 ft. Recorder Number 0062 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 4446 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 4,400 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 18 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 1" in bucket.  
2nd Open: No blow.

Recovered 5 ft. of Free Oil (37 corrected gravity)  
Recovered 15 ft. of Oil Cut Mud (15% oil, 85% mud)  
Recovered \_\_\_\_\_ ft. of Total Recovered Fluid: 20'  
Recovered \_\_\_\_\_ ft. of Tool Sample: Oily Mud (43% oil, 57% mud)

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
_____	Total

Time Set Packer(s) 12:30 PM A.M. P.M. Time Started Off Bottom 3:10 PM A.M. P.M. Maximum Temperature 121 Deg F

Initial Hydrostatic Pressure..... (A) 2174 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 16 P.S.I.  
Initial Closed In Period..... Minutes 75 (D) 1050 P.S.I.  
Final Flow Period..... Minutes 25 (E) 18 P.S.I. to (F) 20 P.S.I.  
Final Closed In Period..... Minutes 30 (G) 610 P.S.I.  
Final Hydrostatic Pressure..... (H) 2173 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 #2 Mississippian 4431'-4449'  
Start Test Date: 2013/07/25  
Final Test Date: 2013/07/25

Benson-Harkness #2  
Formation: Mississippian 4431'-4449'  
Pool: NA  
Job Number: F151

# Benson-Harkness #2

