



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: nortonc4dst3

TIME ON: 03:39
TIME OFF: 14:57

Company Trans Pacific Oil Co Lease & Well No. Norton C #4
Contractor Duke Drilling - Rig #4 Charge to Trans Pacific Oil Co
Elevation 2498 KB Formation _____ Miss Effective Pay _____ Ft. Ticket No. S0381
Date 9-13-13 Sec. 24 Twp. _____ 17 S Range _____ 26 W County _____ Ness State KANSAS
Test Approved By Alex Chapin Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 4364 ft. to 4438 ft. Total Depth 4438 ft.
Packer Depth 4359 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 4364 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4352 ft. Recorder Number 8471 Cap. 10,000 P.S.I.
Bottom Recorder Depth (Outside) 4429 ft. Recorder Number 5515 Cap. 5,000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type CHEMICAL Viscosity 54 Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight 9.3 Water Loss 7.0 cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides 1,500 P.P.M. Drill Pipe Length 4338 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 74 (13.5p) 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: 2 1/4" Blow- Built to BB in 5 min 1/2" BB
2nd Open: 1 1/2" Blow- Built to BB in 7 min WSBB

Recovered <u>159</u> ft. of <u>Glp</u>	
Recovered <u>206</u> ft. of <u>CO</u> 100% O GRAVITY: <u>37 @ 60 DEGREES F</u>	
Recovered <u>389</u> ft. of <u>SLWCMCO</u> 67%O 9%W 24%M	
Recovered <u>567</u> ft. of <u>SLM&GCWCO</u> 7%G 60%O 28%W 5%M	
Recovered <u>126</u> ft. of <u>SLOG&MCW</u> 25%G 18%O 32%W 25%M	Price Job
Recovered <u>1288</u> ft. of <u>TOTAL FLUID</u>	Other Charges
Remarks: <u>PH: 7 RW: .38 @ 70 DEGREES F CHLORIDES: 18,000 PPM</u>	Insurance
Tool Sample: <u>37% O 28%W 35%M</u>	Total

Time Set Packer(s) 6:25 AM A.M. P.M. Time Started Off Bottom 10:40 AM A.M. P.M. Maximum Temperature 130

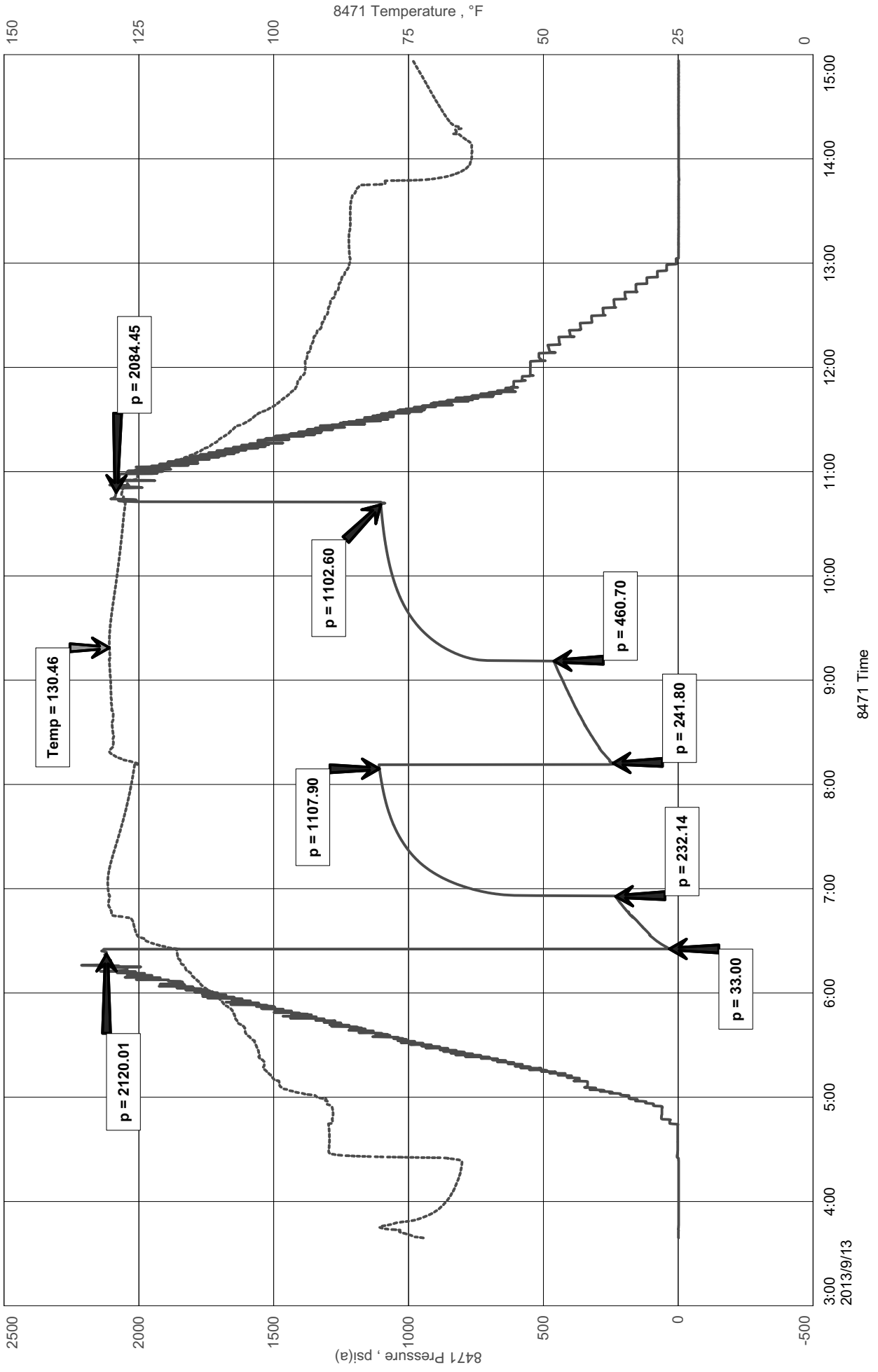
Initial Hydrostatic Pressure..... (A) 2120 P.S.I.
Initial Flow Period..... Minutes 30 (B) 33 P.S.I. to (C) 232 P.S.I.
Initial Closed In Period..... Minutes 75 (D) 1108 P.S.I.
Final Flow Period..... Minutes 60 (E) 242 P.S.I. to (F) 461 P.S.I.
Final Closed In Period..... Minutes 90 (G) 1103 P.S.I.
Final Hydrostatic Pressure..... (H) 2084 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 Co
DST #3 Miss 4364-4438'
Start Test Date: 2013/09/13
Final Test Date: 2013/09/13

Norton C #4
Formation: DST #3 Miss 4364-4438'
Job Number: S0381

Norton C #4



Diamond Testing

General information Report

General Information

Company Name Trans Pacific Oil Co

Contact	Beth Isern	Job Number	S0381
Well Name	Norton C #4	Representative	Jacob McCallie
Unique Well ID	DST #3 Miss 4364-4438'	Well Operator	Trans Pacific Oil Co
Surface Location	SEC 24-17S-26W Ness County	Report Date	2013/09/13
Well License Number		Prepared By	Jacob McCallie
Field	West 17 West		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Miss 4364-4438'		
Well Fluid Type	01 Oil	Start Test Time	03:39:00
		Final Test Time	14:57:00
Start Test Date	2013/09/13		
Final Test Date	2013/09/13		
Gauge Name	8471		
Gauge Serial Number			

Test Results

RECOVERED:

126'	GIP				
206'	CO	100% O		GRAVITY: 37 @ 60 degrees F	
389'	SLWCMCO	67% O 9% W 24% M			
567'	SLM & GCWCO	7% G 60% O 28% W 5% M			
126'	SLOGC&MCW	25% G 18% O 32%W 25% M			
1288'	TOTAL FLUID				

PH: 7

RW: .38 @ 70 degrees F

CHLORIDES: 18,000 ppm

TOOL SAMPLE:

37% O 28% W 35% M