



## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 S Main  
Suite 200  
Wichita, Kansas 67202+3735

ATTN: Max Lovely

**32/17S/24W/Ness**

**Michaelis #2**

Start Date: 2011.12.27 @ 22:36:00

End Date: 2011.12.28 @ 05:56:00

Job Ticket #: 18812                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2011.12.28 @ 04:13:14

Trans Pacific Oil Corporation  
Michaelis #2  
32/17S/24W/Ness  
DST # 1  
Fort Scott  
2011.12.27



# DRILL STEM TEST REPORT

Trans Pacific Oil Corporation

**Michaelis #2**

100 S Main  
Suite 200  
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ATTN: Max Lovely

**32/17S/24W/Ness**

Job Ticket: 18812

**DST#: 1**

Test Start: 2011.12.27 @ 22:36:00

## GENERAL INFORMATION:

Formation: **Fort Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:39:30

Time Test Ended: 05:56:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/148

**Interval: 4219.00 ft (KB) To 4268.00 ft (KB) (TVD)**

Reference Elevations: 2337.00 ft (KB)

Total Depth: 4298.00 ft (KB) (TVD)

2328.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 6748 Inside**

Press @ Run Depth: 66.91 psig @ 4264.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2011.12.27

End Date: 2011.12.28

Last Calib.: 2011.12.28

Start Time: 22:36:00

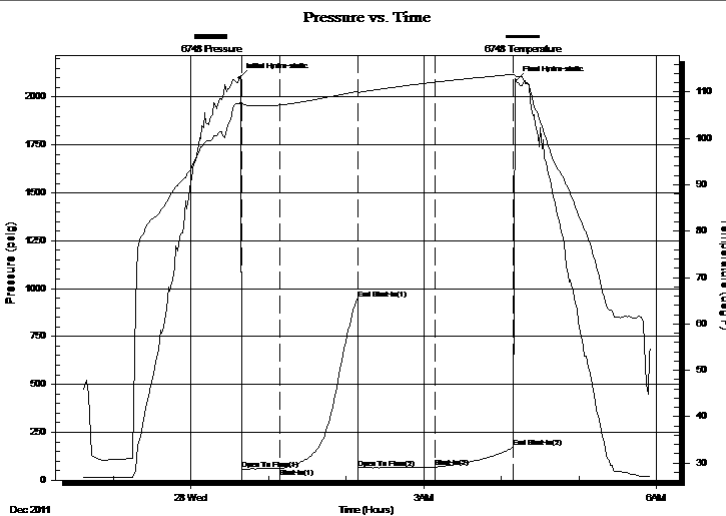
End Time: 05:56:00

Time On Btm: 2011.12.28 @ 00:37:30

Time Off Btm: 2011.12.28 @ 04:11:30

**TEST COMMENT:** 1ST Open 30 Minutes/Weak blow /Blow built to 1 3/4 inches  
1ST Shut In 60 Minutes/Fair surface blow back/Died in 9 minutes  
2ND Open 60 Minutes/Weak blow /Blow built to 1 1/2 inches  
2ND Shut In 60 Minutes/No blow back

## PRESSURE SUMMARY



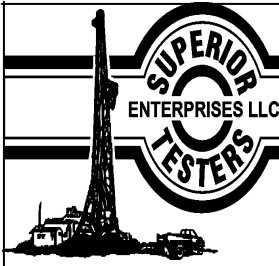
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2101.41	107.51	Initial Hydro-static
2	58.21	107.49	Open To Flow (1)
32	60.57	107.17	Shut-In(1)
92	945.87	110.10	End Shut-In(1)
92	64.44	109.90	Open To Flow (2)
151	66.91	112.11	Shut-In(2)
212	171.93	113.77	End Shut-In(2)
214	2088.02	113.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w with show of oil in tool/ Mud 100%	0.22

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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ATTN: Max Lovely

**32/17S/24W/Ness**

Job Ticket: 18812      **DST#: 1**  
Test Start: 2011.12.27 @ 22:36:00

## GENERAL INFORMATION:

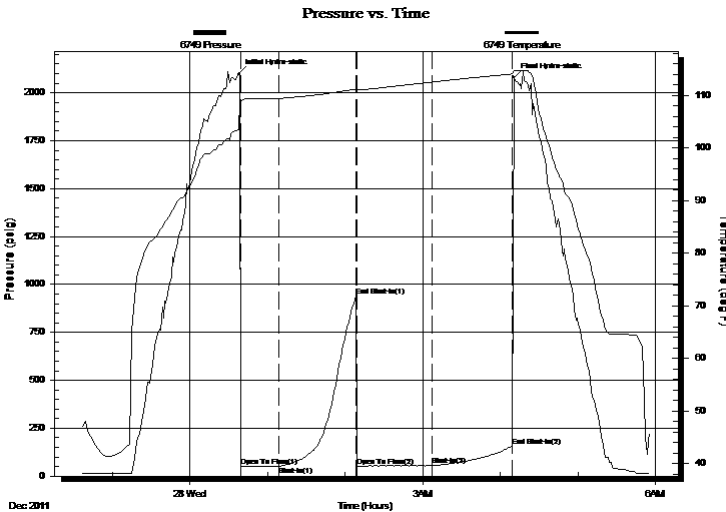
Formation: **Fort Scott**  
 Deviated: No Whipstock:                      ft (KB)  
 Time Tool Opened: 00:39:30  
 Time Test Ended: 05:56:00  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Great Bend/148  
 Interval: **4219.00 ft (KB) To 4268.00 ft (KB) (TVD)**  
 Reference Elevations: 2337.00 ft (KB)  
 Total Depth: 4298.00 ft (KB) (TVD) 2328.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair      KB to GR/CF: 9.00 ft

**Serial #: 6749      Outside**

Press @ RunDepth: 155.23 psig @ 4265.00 ft (KB)      Capacity: 5000.00 psig  
 Start Date: 2011.12.27      End Date: 2011.12.28      Last Calib.: 2011.12.28  
 Start Time: 22:36:00      End Time: 05:55:30      Time On Btm: 2011.12.28 @ 00:38:00  
 Time Off Btm: 2011.12.28 @ 04:10:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1 3/4 inches  
 1ST Shut In 60 Minutes/Fair surface blow back/Died in 9 minutes  
 2ND Open 60 Minutes/Weak blow /Blow built to 1 1/2 inches  
 2ND Shut In 60 Minutes/No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2098.49	104.81	Initial Hydro-static
2	49.57	108.79	Open To Flow (1)
31	52.16	109.46	Shut-In(1)
91	940.08	111.24	End Shut-In(1)
92	53.22	111.05	Open To Flow (2)
149	55.65	112.56	Shut-In(2)
212	155.23	114.12	End Shut-In(2)
213	2080.37	114.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud with show of oil in tool/ Mud 100%	0.22

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Trans Pacific Oil Corporation

**Michaelis #2**

100 S Main  
 Suite 200  
 Wichita, Kansas 67202+3735  
 ATTN: Max Lovely

**32/17S/24W/Ness**

Job Ticket: 18812

**DST#: 1**

Test Start: 2011.12.27 @ 22:36:00

**Tool Information**

Drill Pipe:	Length: 4219.00 ft	Diameter: 3.88 inches	Volume: 61.70 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 61.70 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	4219.00 ft			Final	52000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	49.00 ft				
Tool Length:	69.00 ft				
Number of Packers:	1	Diameter: 6.75 inches			
Tool Comments:					

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
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Shut-in tool	5.00			4204.00	
Hydraulic Tool	5.00			4209.00	
Packer	5.00			4214.00	20.00 Bottom Of Top Packer
Packer	5.00			4219.00	
Anchor	44.00			4263.00	
Recorder	1.00	6748	Inside	4264.00	
Recorder	1.00	6749	Outside	4265.00	
Bull plug	3.00			4268.00	49.00 Bottom Packers & Anchor

**Total Tool Length: 69.00**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

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Job Ticket: 18812

**DST#: 1**

Test Start: 2011.12.27 @ 22:36:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 95.00 sec/qt

Water Loss: 9.20 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud with show of oil in tool/ Mud 100%	0.219

Total Length: 15.00 ft      Total Volume: 0.219 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6748

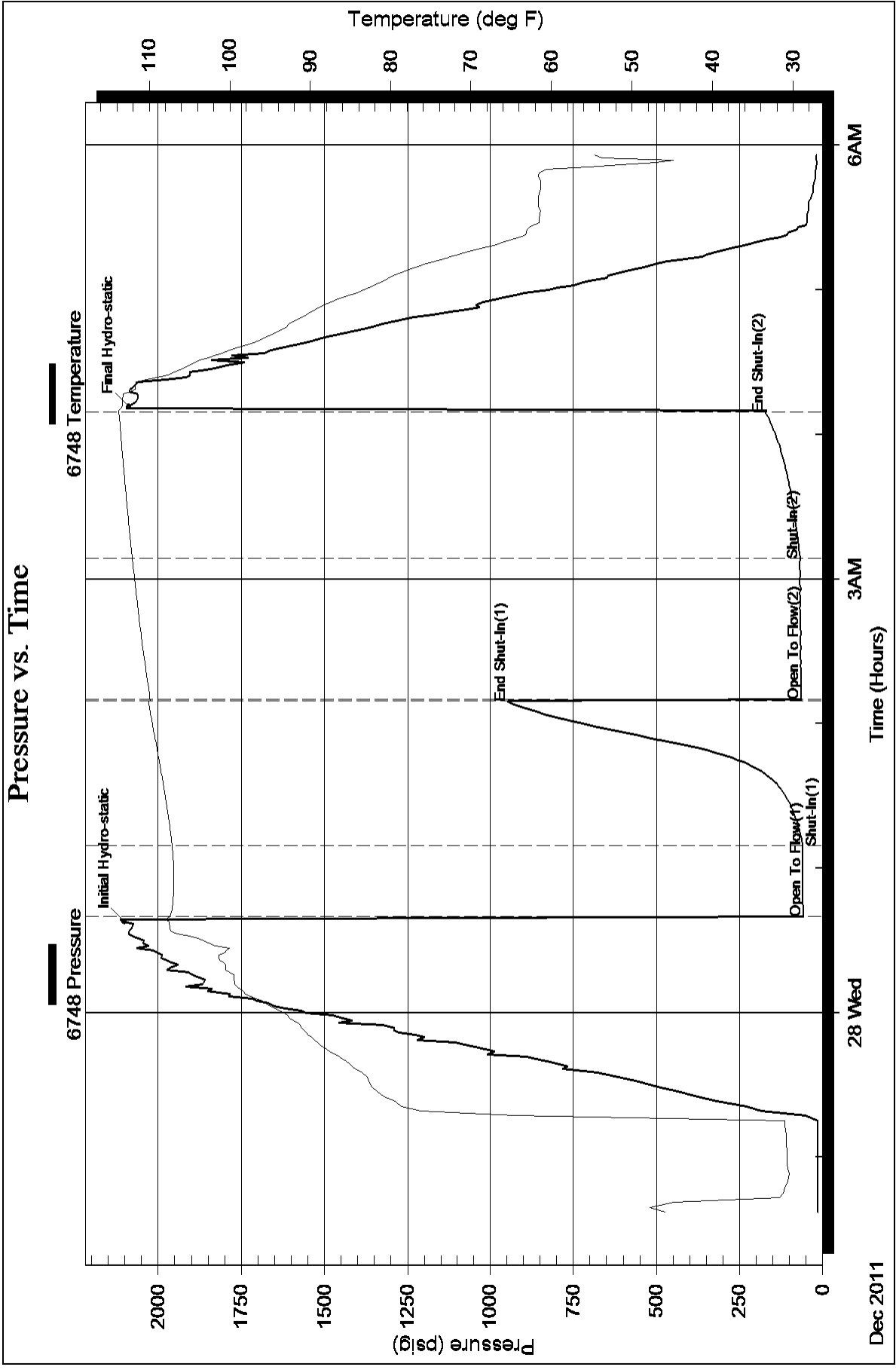
Inside

Trans Pacific Oil Corporation

32/17S24W/Ness

DST Test Number: 1

### Pressure vs. Time



# Pressure vs. Time

