



DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 South Main
Suite 200
Wichita, Kansas 67202+3735

ATTN: Frank Mize

Leiker #9

18/15S/17W/Ellis

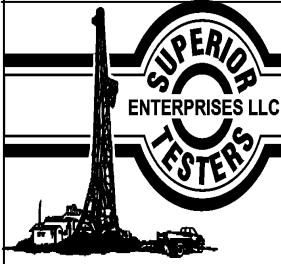
Start Date: 2013.03.09 @ 13:09:00

End Date: 2013.03.09 @ 18:37:30

Job Ticket #: 17522 DST #: 1

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

Printed: 2013.03.09 @ 18:47:31



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ATTN: Frank Mize

Leiker #9

Job Ticket: 17522

DST#: 1

Test Start: 2013.03.09 @ 13:09:00

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:31:30

Time Test Ended: 18:37:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Hays/22

Interval: 3278.00 ft (KB) To 3308.00 ft (KB) (TVD)

Reference Elevations: 1987.00 ft (KB)

Total Depth: 3308.00 ft (KB) (TVD)

1982.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6749 Inside

Press @ Run Depth: 58.37 psia @ 3304.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.03.09 End Date: 2013.03.09

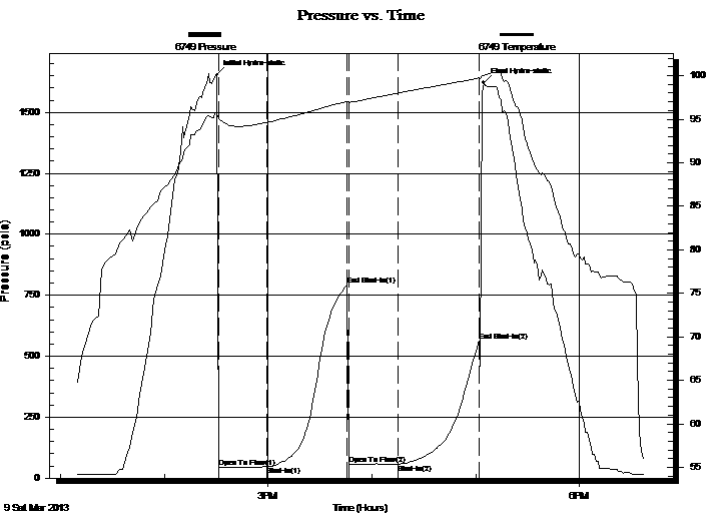
Last Calib.: 2013.03.09

Start Time: 13:09:00 End Time: 18:37:30

Time On Btm: 2013.03.09 @ 14:30:30

Time Off Btm: 2013.03.09 @ 17:04:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 3/4 inch
1ST Shut In 45 Minutes/No blow back
2ND Open 30 Minutes/Dead no blow
2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1654.39	95.64	Initial Hydro-static
1	42.35	95.10	Open To Flow (1)
29	46.66	94.64	Shut-In(1)
75	791.55	97.03	End Shut-In(1)
76	55.80	96.92	Open To Flow (2)
105	58.37	98.01	Shut-In(2)
152	563.89	99.75	End Shut-In(2)
154	1621.80	100.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud w with show of oil in tool/Mud 100%	0.42

Gas Rates

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



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Leiker #9
 Job Ticket: 17522 **DST#: 1**
 Test Start: 2013.03.09 @ 13:09:00

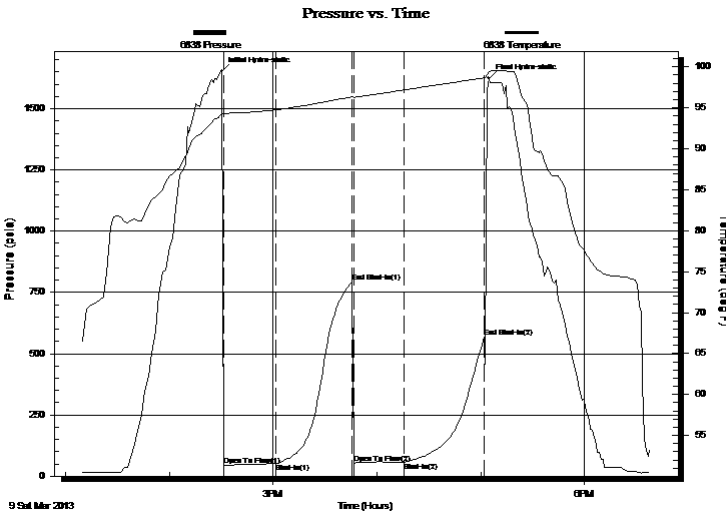
GENERAL INFORMATION:

Formation: **Lansing**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:31:30
 Time Test Ended: 18:37:30
 Interval: **3278.00 ft (KB) To 3308.00 ft (KB) (TVD)**
 Total Depth: 3308.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/22
 Reference Elevations: 1987.00 ft (KB)
 1982.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6838 Outside
 Press @ RunDepth: 565.85 psia @ 3305.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2013.03.09 End Date: 2013.03.09 Last Calib.: 2013.03.09
 Start Time: 13:09:00 End Time: 18:37:30 Time On Btm: 2013.03.09 @ 14:30:30
 Time Off Btm: 2013.03.09 @ 17:04:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow/Blow built to 3/4 inch
 1ST Shut In 45 Minutes/No blow back
 2ND Open 30 Minutes/Dead no blow
 2ND Shut In 45 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1653.12	94.34	Initial Hydro-static
1	43.02	94.22	Open To Flow (1)
31	51.10	94.75	Shut-In(1)
75	793.50	96.33	End Shut-In(1)
76	54.22	96.27	Open To Flow (2)
105	57.46	97.17	Shut-In(2)
152	565.85	98.68	End Shut-In(2)
154	1622.91	99.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud with show of oil in tool/Mud 100%	0.42

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corporation

18/15S/17W/Ellis

100 South Main
Suite 200
Wichita, Kansas 67202+3735
ATTN: Frank Mize

Leiker #9

Job Ticket: 17522

DST#: 1

Test Start: 2013.03.09 @ 13:09:00

Tool Information

Drill Pipe:	Length: 3270.00 ft	Diameter: 3.80 inches	Volume: 45.87 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: 54000.00 lb
			<u>Total Volume: 45.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3278.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3256.00	
Hydraulic Tool	5.00			3261.00	
Jars	5.00			3266.00	
Safety Joint	2.00			3268.00	
Packer	5.00			3273.00	27.00 Bottom Of Top Packer
Packer	5.00			3278.00	
Anchor	25.00			3303.00	
Recorder	1.00	6749	Inside	3304.00	
Recorder	1.00	6838	Outside	3305.00	
Bullnose	3.00			3308.00	30.00 Bottom Packers & Anchor
Total Tool Length:	57.00				



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FLUID SUMMARY

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Job Ticket: 17522

DST#: 1

Test Start: 2013.03.09 @ 13:09:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 6.80 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud with show of oil in tool/Mud 100%	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

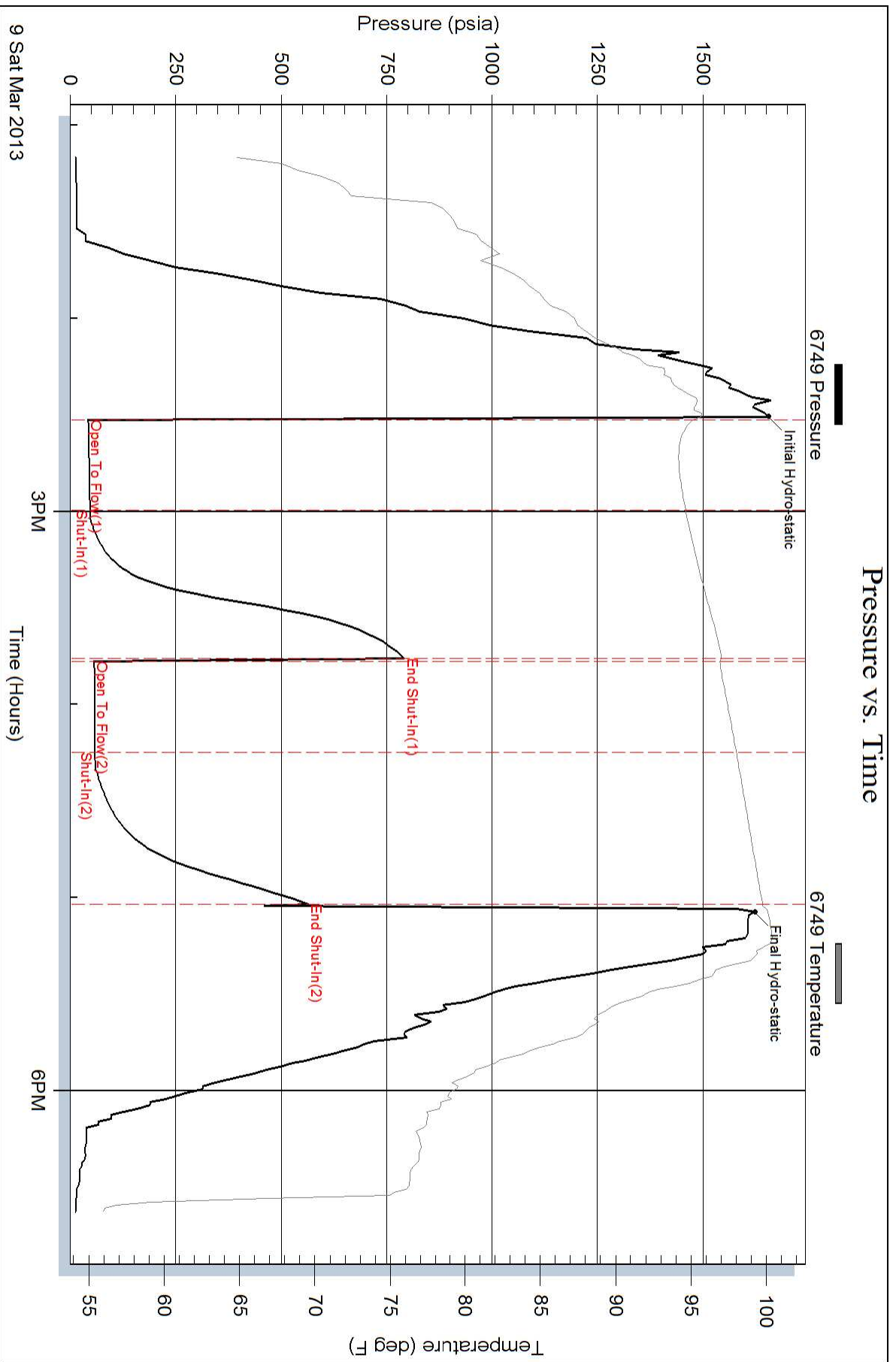
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time

