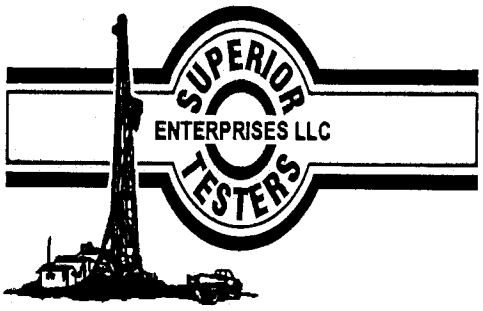



# DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corperation**

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: 2011.12.30 @ 12:18:01

# DRILL STEM TEST REPORT

Trans Pacific Oil Corperation

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

**Michaelis #2**

**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

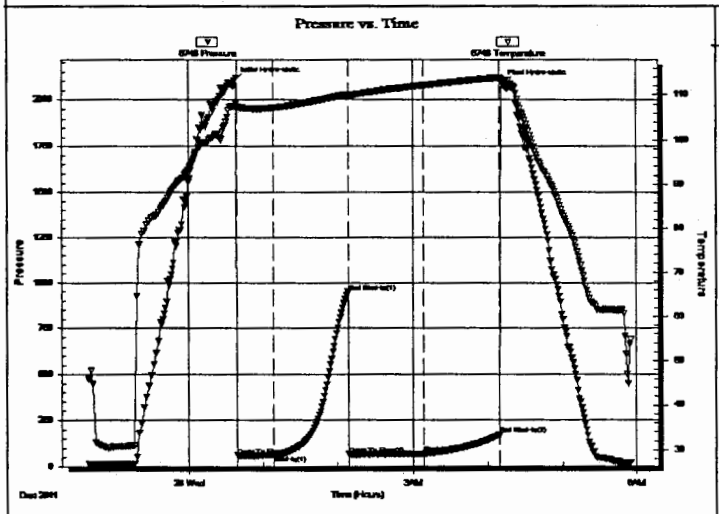
**Interval: 4219.00 ft (KB) To 4268.00 ft (KB) (TVD)**
Total Depth: 4298.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2337.00 ft (KB)
2328.00 ft (CF)
KB to GR/CF: 9.00 ft

**Serial #: 6748** **Inside**
Press@RunDepth: 66.91 psig @ 4264.00 ft (KB)
Start Date: 2011.12.27 End Date: 2011.12.28
Start Time: 22:37:00 End Time: 05:56:00

Capacity: 5000.00 psig
Last Calib.: 2011.12.28
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 with show of oil in tool/ Mud 100% | 0.22 |
| | | |
| | | |
| | | |
| | | |
| | | |

## Gas Rates

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

# DRILL STEM TEST REPORT

Trans Pacific Oil Corperation

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

**Michaelis #2**

**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

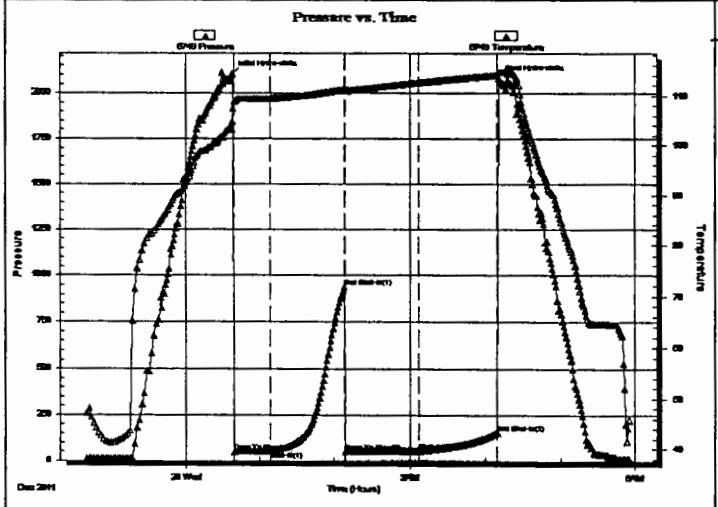
**Interval: 4219.00 ft (KB) To 4268.00 ft (KB) (TVD)**
Total Depth: 4298.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2337.00 ft (KB)
2328.00 ft (CF)
KB to GR/CF: 9.00 ft

**Serial #: 6749** **Outside**
Press@RunDepth: 155.23 psig @ 4265.00 ft (KB)
Start Date: 2011.12.27 End Date: 2011.12.28
Start Time: 22:37:00 End Time: 05:55:30

Capacity: 5000.00 psig
Last Calib.: 2011.12.28
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 Corperation

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

**Michaelis #2**

**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 |
| | | | | | Total Volume: | 61.70 bbl | 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 betw een Packers: | | 49.00 ft | | | | | | | |
| Tool Length: | | 69.00 ft | | | | | | | |
| Number of Packers: | | 1 | Diameter: | 6.75 inches | | | | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths | |
|---|---|---|---|---|---|---|
| Shut-in tool | 5.00 | | | 4204.00 | | |
| Hydrolic 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**

Trans Pacific Oil Corperation

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

**Michaelis #2**

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

Job Ticket: 18812 **DST#: 1**

Test Start: 2011.12.27 @ 22:36:00

## Mud and Cushion Information

| | | | | | |
|---|---|---|---|---|---|
| Mud Type: | Gel Chem | Cushion Type: | | Oil API: | deg API |
| Mud Weight: | 9.00 lb/gal | Cushion Length: | ft | Water Salinity: | ppm |
| Viscosity: | 95.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 9.19 in³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 6000.00 ppm | | | | |
| Filter Cake: | 1.00 inches | | | | |

## Recovery Information

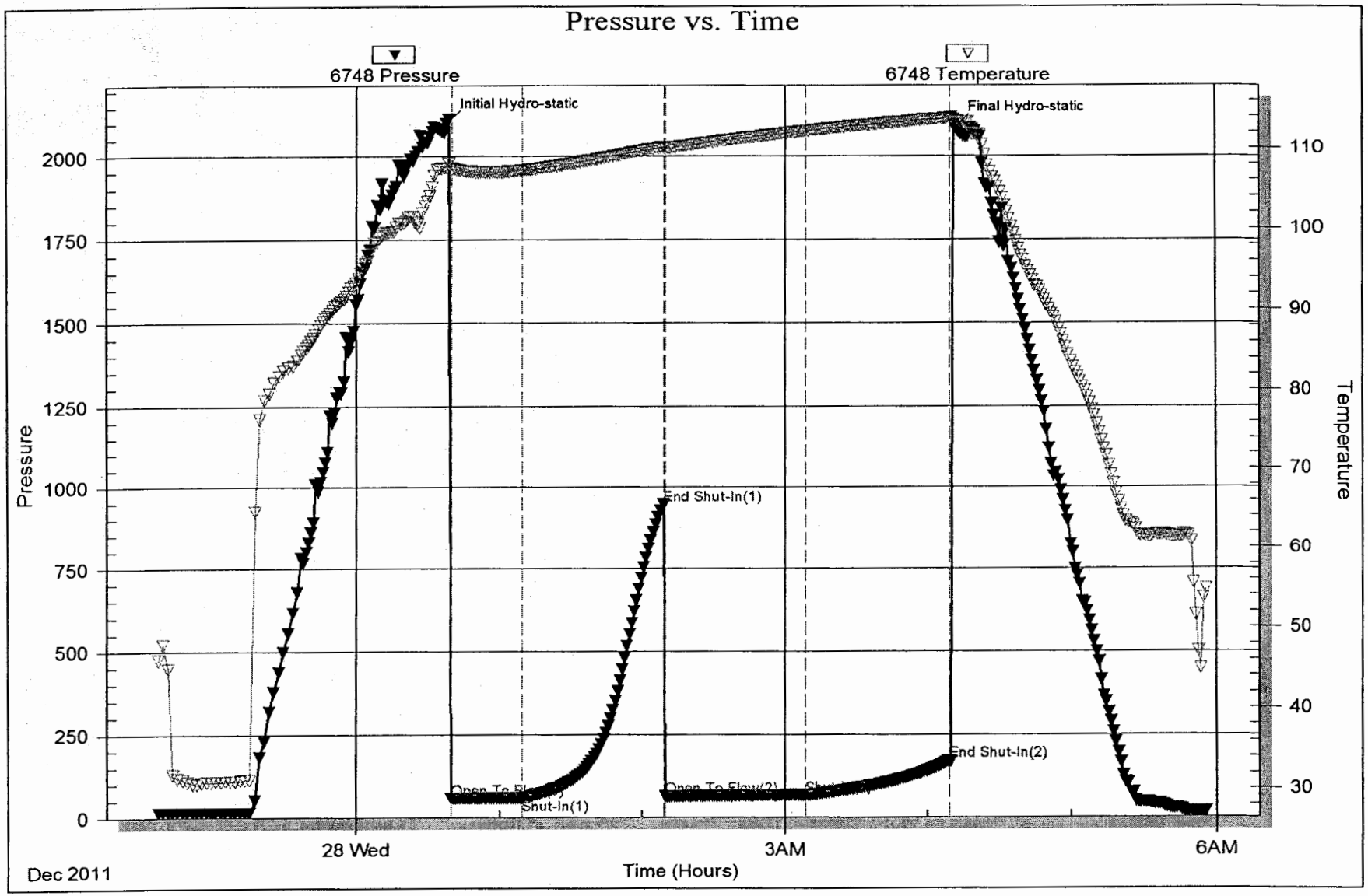
Recovery Table

| 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

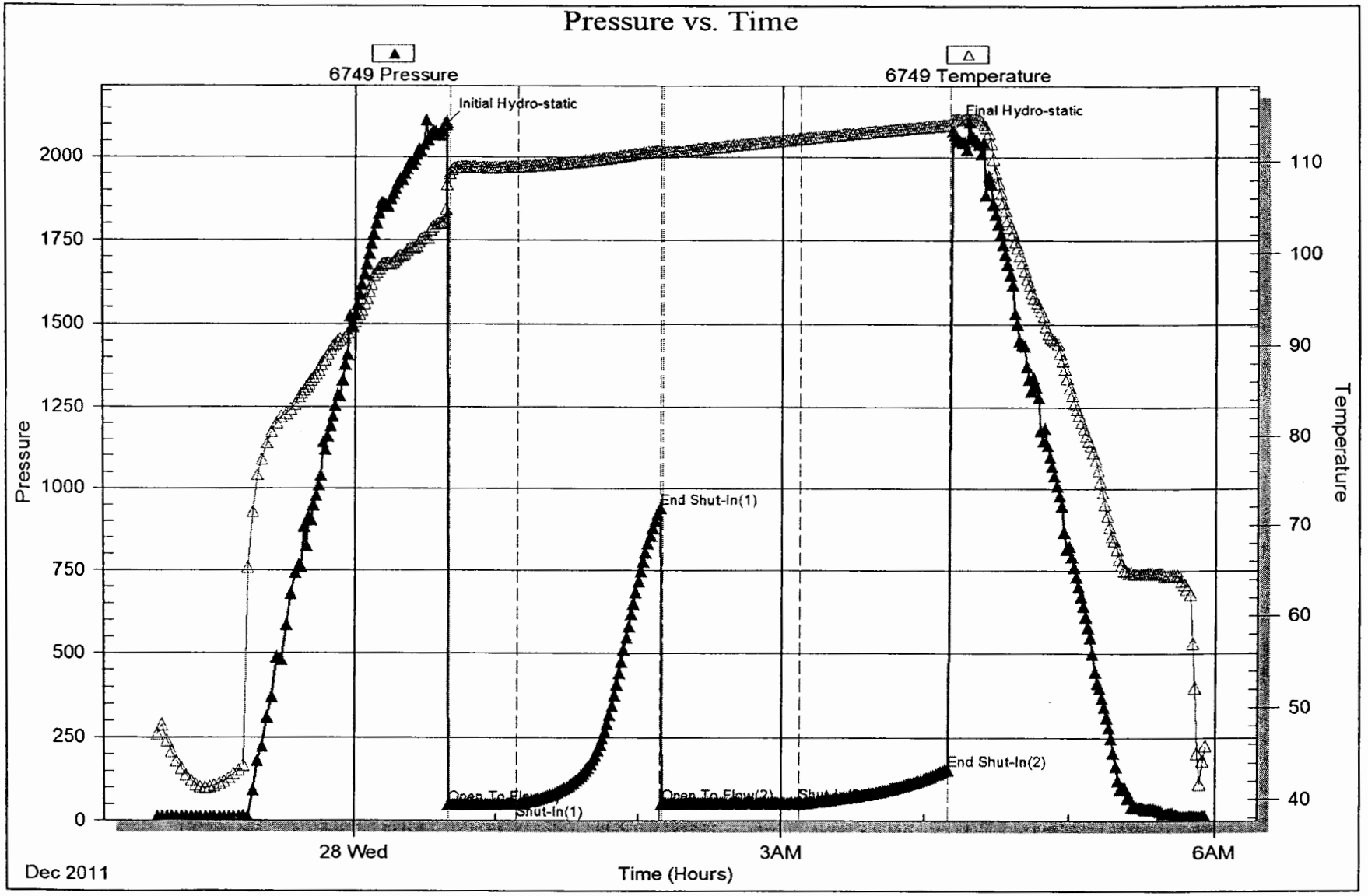
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6748 **Inside** Trans Pacific Oil Corperation 32/17S/24W/Ness DST Test Number: 1

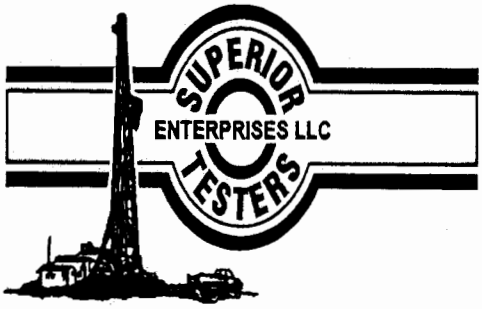



Superior Testers Enterprises LLC Ref. No: 18812 Printed: 2011.12.30 @ 12:18:02

Serial #: 6749 **Outside** Trans Pacific Oil Corperation 32/17S/24W/Ness DST Test Number: 1




Superior Testers Enterprises LLC Ref. No: 18812 Printed: 2011.12.30 @ 12:18:02




# DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corperation**

100 S Main
Suite 200
Wichita, Kansas 67202+3735

ATTN: Max Lovely

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

**Michaelis #2**

Start Date: 2011.12.28 @ 16:28:00
End Date: 2011.12.29 @ 01:33:00
Job Ticket #: 18813 DST #: 2

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

Printed: 2011.12.30 @ 12:17:45

Trans Pacific Oil Corperation Michaelis #2 32/17S/24W/Ness DST # 2 Cherokee Sand 2011.12.28

# DRILL STEM TEST REPORT

Trans Pacific Oil Corperation

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

**Michaelis #2**

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

Job Ticket: 18813 **DST#: 2**

Test Start: 2011.12.28 @ 16:28:00

## GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:26:30
Time Test Ended: 01:33:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Great Bend/148

**Interval: 4281.00 ft (KB) To 4319.00 ft (KB) (TVD)**
Total Depth: 4319.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

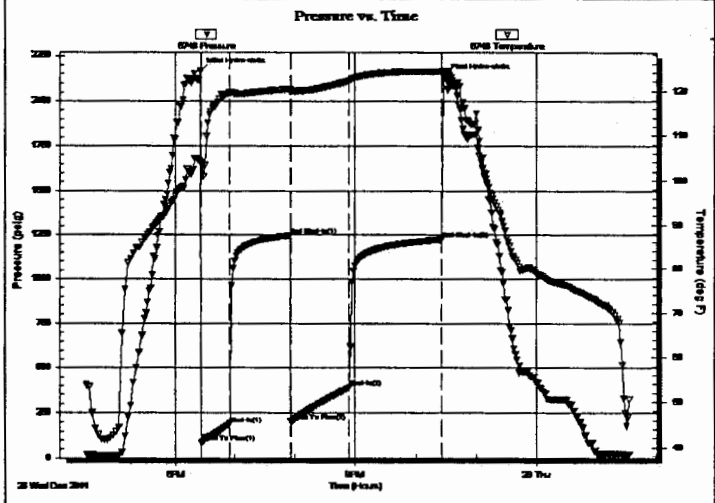
Reference Elevations: 2337.00 ft (KB)
2328.00 ft (CF)
KB to GR/CF: 9.00 ft

**Serial #: 6748** **Inside**

Press@RunDepth: 388.80 psig @ 4315.00 ft (KB)
Start Date: 2011.12.28 End Date: 2011.12.29
Start Time: 16:29:00 End Time: 01:33:00

Capacity: 5000.00 psig
Last Calib.: 2011.12.28
Time On Btm: 2011.12.28 @ 18:25:30
Time Off Btm: 2011.12.28 @ 22:28:30

TEST COMMENT:
1ST Open 30 Minutes/Good blow /Blow to bottom of bucket in 6 minutes
1ST Shut In 60 Minutes/Blow back built to 3 1/2 inches
2ND Open 60 Minutes/Good blow /Blow to bottom of bucket in 7 minutes
2ND Shut In 90 Minutes/Blow back built just below surface




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 2163.68 | 104.08 | Initial Hydro-static |
| 1 | 83.48 | 103.28 | Open To Flow (1) |
| 30 | 188.08 | 119.57 | Shut-In(1) |
| 90 | 1244.88 | 120.37 | End Shut-In(1) |
| 91 | 201.96 | 120.06 | Open To Flow (2) |
| 149 | 388.80 | 122.18 | Shut-In(2) |
| 241 | 1222.41 | 124.29 | End Shut-In(2) |
| 243 | 2130.20 | 124.41 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 0.00 | 180 feet Gas in pipe 100% | 0.00 |
| 732.00 | Clean Gassy Oil | 10.70 |
| 0.00 | Gas 20% Oil 80% | 0.00 |
| 180.00 | Oil cut Gassy Mud | 2.63 |
| 0.00 | Oil 10% Gas 25% Mud 65% | 0.00 |
| 0.00 | Corrected Gravity of oil 38 | 0.00 |

## Gas Rates

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

# DRILL STEM TEST REPORT

Trans Pacific Oil Corperation

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

**Michaelis #2**

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

Job Ticket: 18813 **DST#: 2**

Test Start: 2011.12.28 @ 16:28:00

## GENERAL INFORMATION:

Formation: **Cherokee Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:26:30
Time Test Ended: 01:33:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Great Bend/148

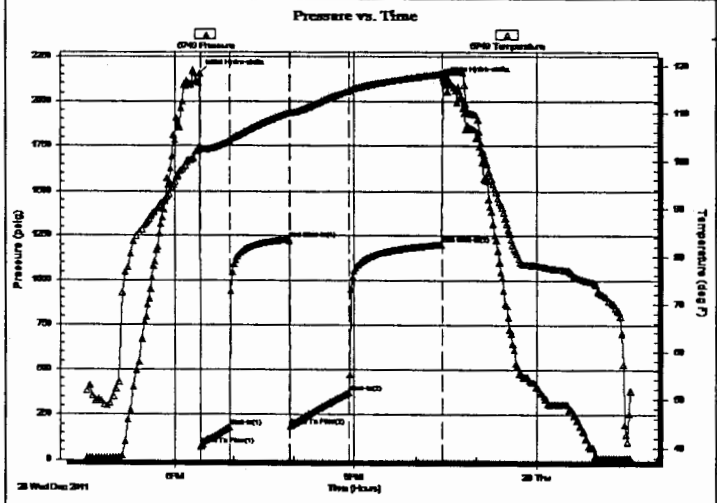
**Interval: 4281.00 ft (KB) To 4319.00 ft (KB) (TVD)**
Total Depth: 4319.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2337.00 ft (KB)
2328.00 ft (CF)
KB to GR/CF: 9.00 ft

**Serial #: 6749** **Outside**
Press@RunDepth: 1200.87 psig @ 4316.00 ft (KB)
Start Date: 2011.12.28 End Date: 2011.12.29
Start Time: 16:29:00 End Time: 01:33:00

Capacity: 5000.00 psig
Last Calib.: 2011.12.28
Time On Btm: 2011.12.28 @ 18:25:30
Time Off Btm: 2011.12.28 @ 22:28:00

TEST COMMENT:
1ST Open 30 Minutes/Good blow /Blow to bottom of bucket in 6 minutes
1ST Shut In 60 Minutes/Blow back built to 3 1/2 inches
2ND Open 60 Minutes/Good blow /Blow to bottom of bucket in 7 minutes
2ND Shut In 90 Minutes/Blow back built just below surface




## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|---|---|---|---|
| 0 | 2155.01 | 103.19 | Initial Hydro-static |
| 1 | 76.79 | 102.63 | Open To Flow (1) |
| 30 | 183.23 | 104.21 | Shut-In(1) |
| 90 | 1229.61 | 110.14 | End Shut-In(1) |
| 91 | 188.24 | 109.98 | Open To Flow (2) |
| 150 | 372.09 | 114.65 | Shut-In(2) |
| 241 | 1200.87 | 118.25 | End Shut-In(2) |
| 243 | 2116.96 | 118.59 | Final Hydro-static |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|---|---|---|
| 0.00 | 180 feet Gas in pipe 100% | 0.00 |
| 732.00 | Clean Gassy Oil | 10.70 |
| 0.00 | Gas 20% Oil 80% | 0.00 |
| 180.00 | Oil cut Gassy Mud | 2.63 |
| 0.00 | Oil 10% Gas 25% Mud 65% | 0.00 |
| 0.00 | Corrected Gravity of oil 38 | 0.00 |

## Gas Rates

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

# DRILL STEM TEST REPORT

TOOL DIAGRAM

Trans Pacific Oil Corperation

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

**Michaelis #2**

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

Job Ticket: 18813 DST#: 2

Test Start: 2011.12.28 @ 16:28:00

## Tool Information

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Drill Pipe: | Length: | 4284.00 ft | Diameter: | 3.88 inches | Volume: | 62.65 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 |
| | | | | | Total Volume: | 62.65 bbl | Tool Chased | | 0.00 ft |
| Drill Pipe Above KB: | | 32.00 ft | | | | | String Weight: | Initial | 53000.00 lb |
| Depth to Top Packer: | | 4281.00 ft | | | | | | Final | 56000.00 lb |
| Depth to Bottom Packer: | | ft | | | | | | | |
| Interval betw een Packers: | | 38.00 ft | | | | | | | |
| Tool Length: | | 67.00 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 | | | 4257.00 | | |
| Hydrolic tool | 5.00 | | | 4262.00 | | |
| Change over sub | 1.00 | | | 4263.00 | | |
| Jars | 6.00 | | | 4269.00 | | |
| Safety Joint | 2.00 | | | 4271.00 | | |
| Packer | 5.00 | | | 4276.00 | 29.00 | Bottom Of Top Packer |
| Packer | 5.00 | | | 4281.00 | | |
| Anchor | 33.00 | | | 4314.00 | | |
| Recorder | 1.00 | 6748 | Inside | 4315.00 | | |
| Recorder | 1.00 | 6749 | Outside | 4316.00 | | |
| Bullnose | 3.00 | | | 4319.00 | 38.00 | Bottom Packers & Anchor |
| **Total Tool Length:** | **67.00** | | | | | |

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Trans Pacific Oil Corperation

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

**Michaelis #2**

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

Job Ticket: 18813 **DST#: 2**

Test Start: 2011.12.28 @ 16:28:00

## Mud and Cushion Information

| | | | | | |
|---|---|---|---|---|---|
| Mud Type: | Gel Chem | Cushion Type: | | Oil API: | deg API |
| Mud Weight: | 9.00 lb/gal | Cushion Length: | ft | Water Salinity: | ppm |
| Viscosity: | 7.00 sec/qt | Cushion Volume: | bbl | | |
| Water Loss: | 9.18 in³ | Gas Cushion Type: | | | |
| Resistivity: | ohm.m | Gas Cushion Pressure: | psig | | |
| Salinity: | 7000.00 ppm | | | | |
| Filter Cake: | 1.00 inches | | | | |

## Recovery Information

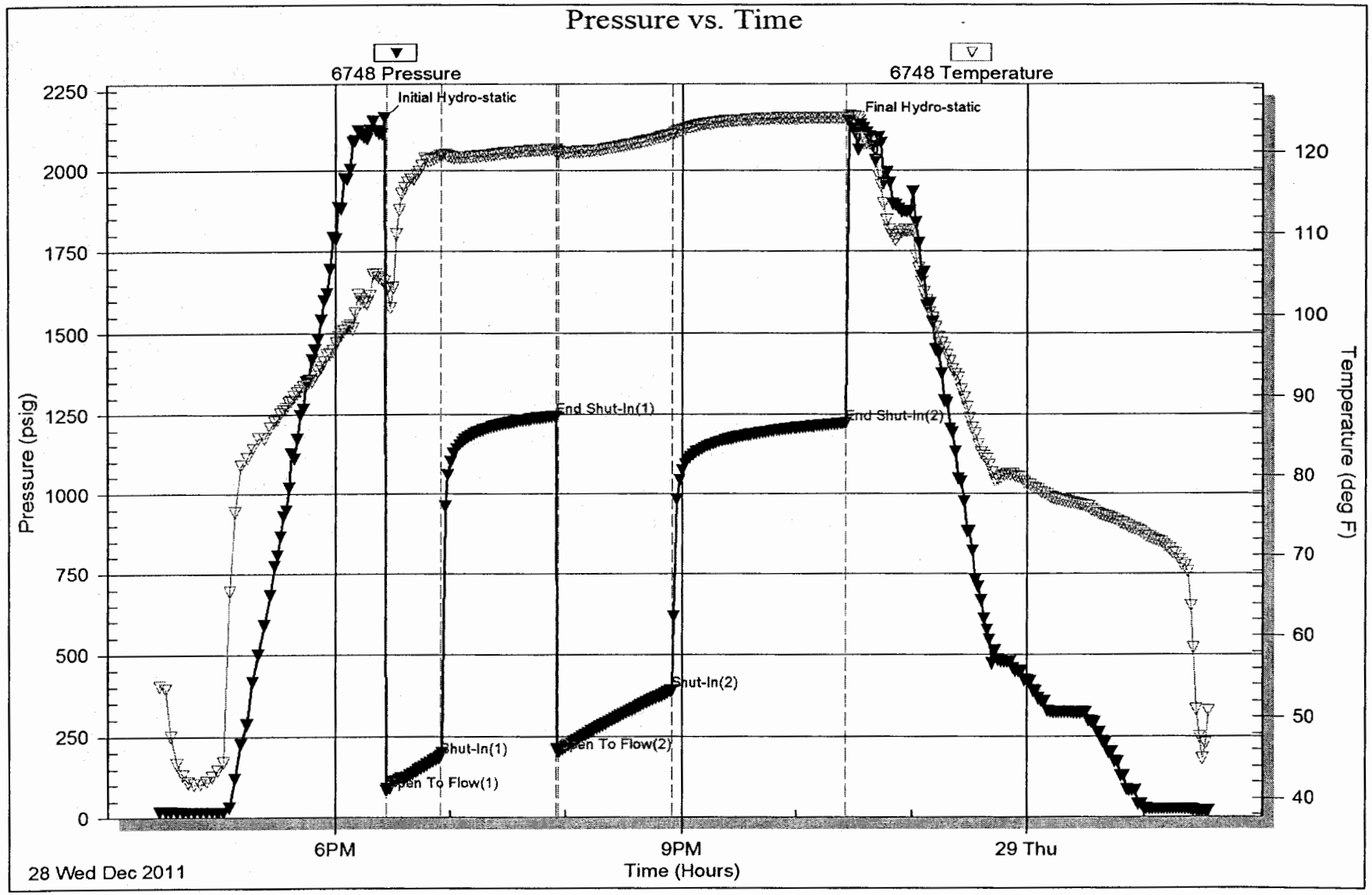
Recovery Table

| Length ft | Description | Volume bbl |
|---|---|---|
| 0.00 | 180 feet Gas in pipe 100% | 0.000 |
| 732.00 | Clean Gassy Oil | 10.705 |
| 0.00 | Gas 20% Oil 80% | 0.000 |
| 180.00 | Oil cut Gassy Mud | 2.632 |
| 0.00 | Oil 10% Gas 25% Mud 65% | 0.000 |
| 0.00 | Corrected Gravity of oil 38 | 0.000 |

Total Length: 912.00 ft Total Volume: 13.337 bbl

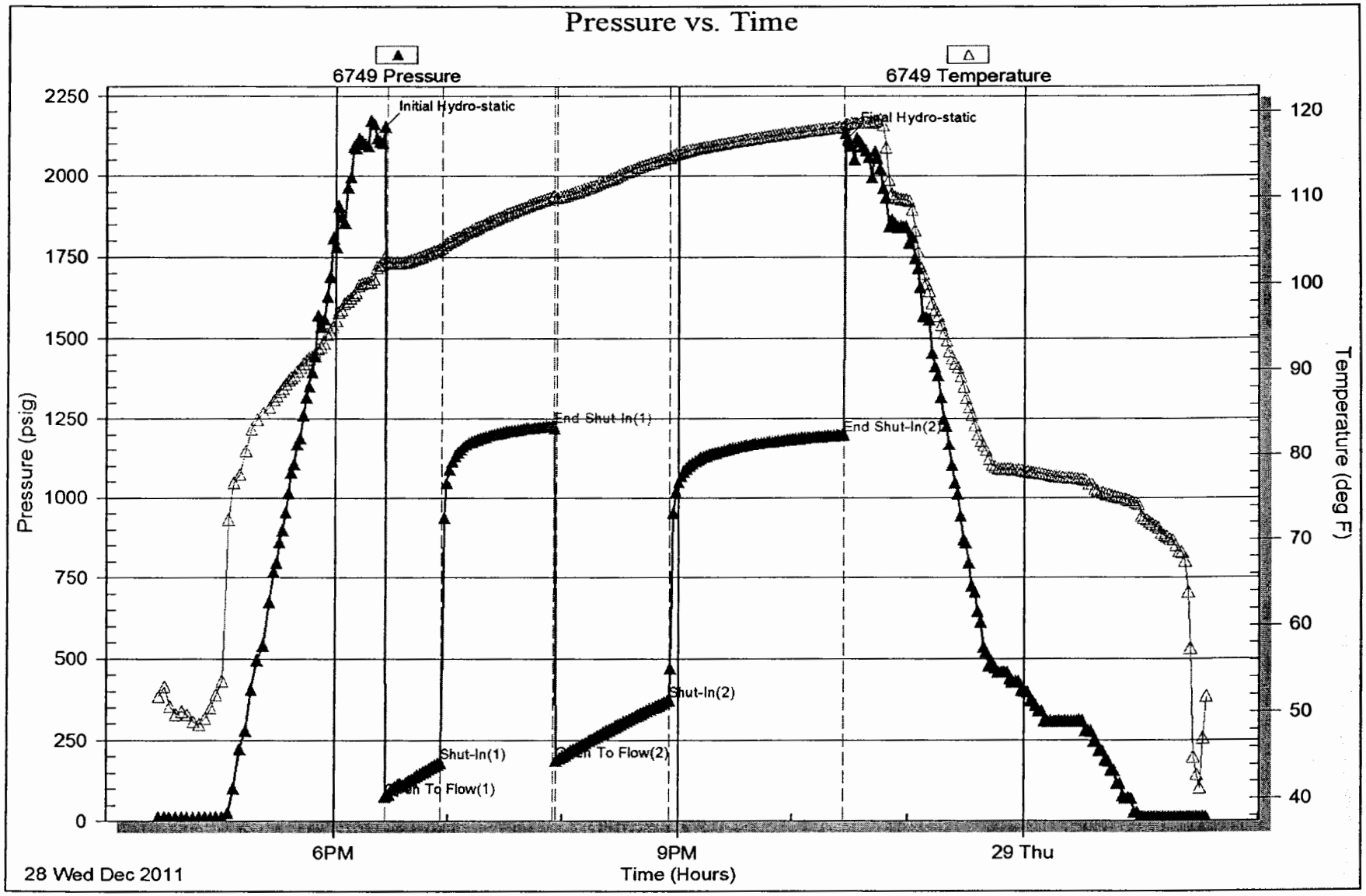
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6748 **Inside** Trans Pacific Oil Corperation 32/17S/24W/Ness DST Test Number: 2



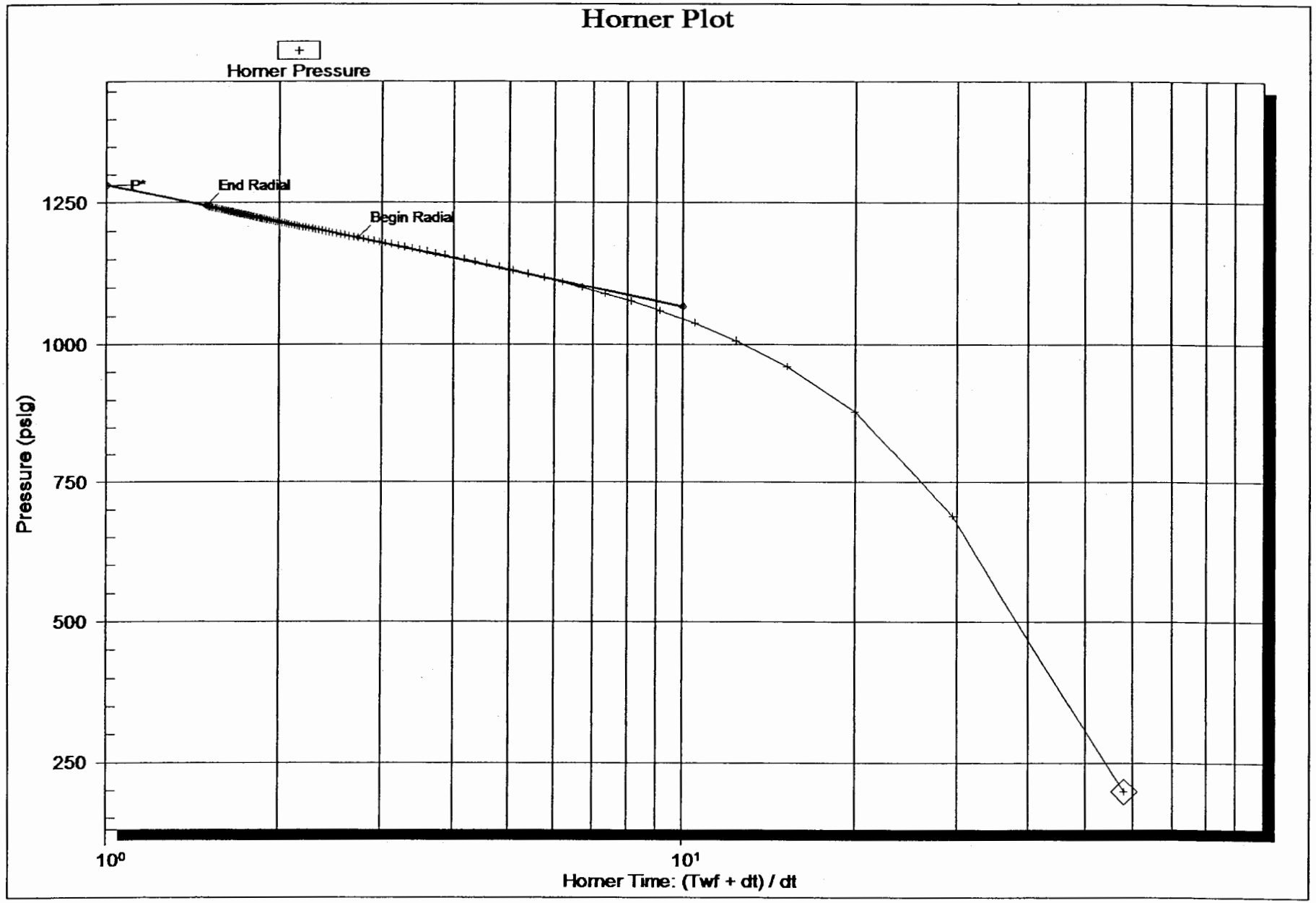

Superior Testers Enterprises LLC Ref. No: 18813 Printed: 2011.12.30 @ 12:17:46

Serial #: 6749 **Outside** Trans Pacific Oil Corperation 32/17S/24W/Ness DST Test Number: 2



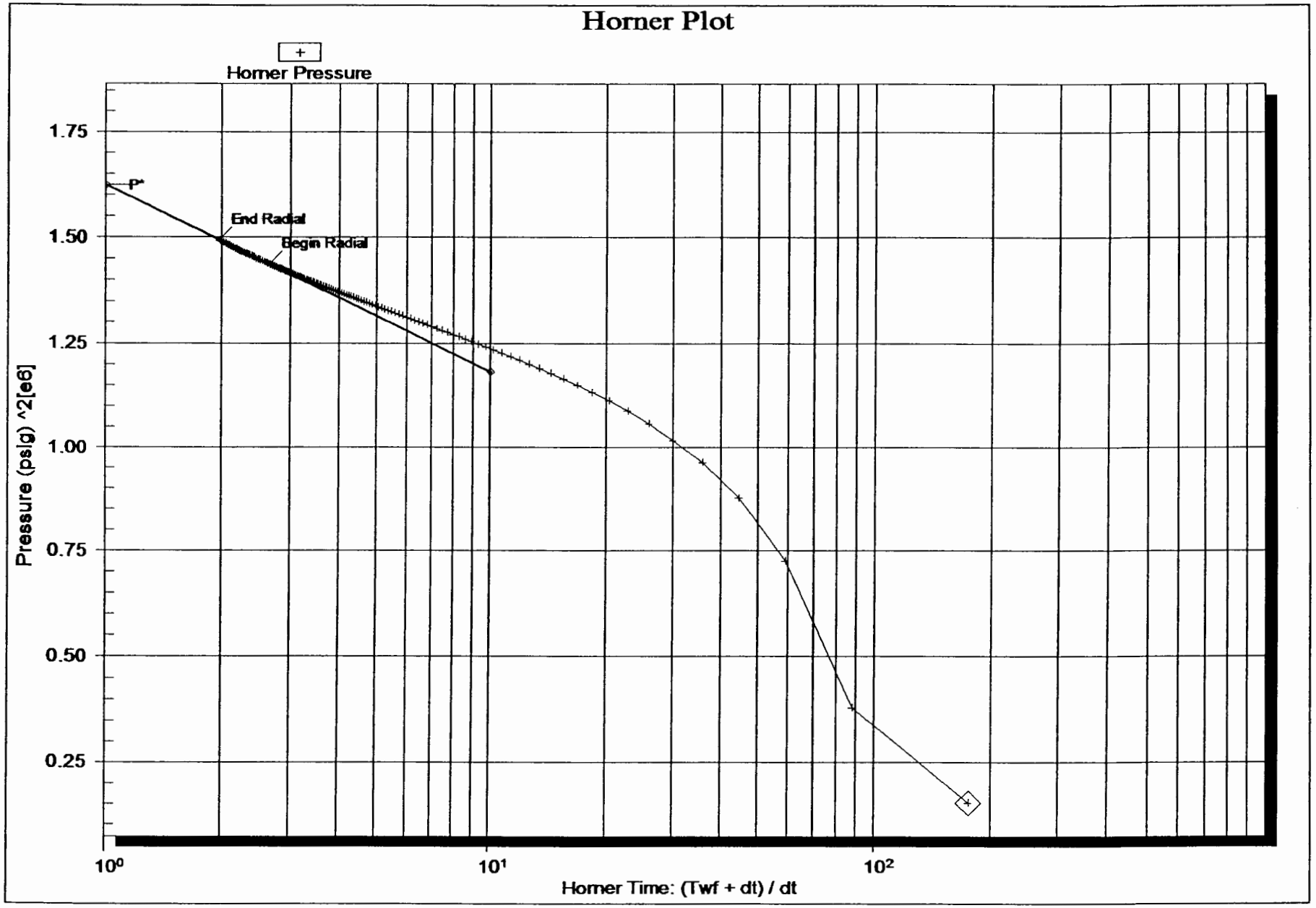

Superior Testers Enterprises LLC Ref. No: 18813 Printed: 2011.12.30 @ 12:17:46

Trans Pacific Oil Corperation | 2011.12.28 @ 16:28:00 | 32/17S/24W/Ness



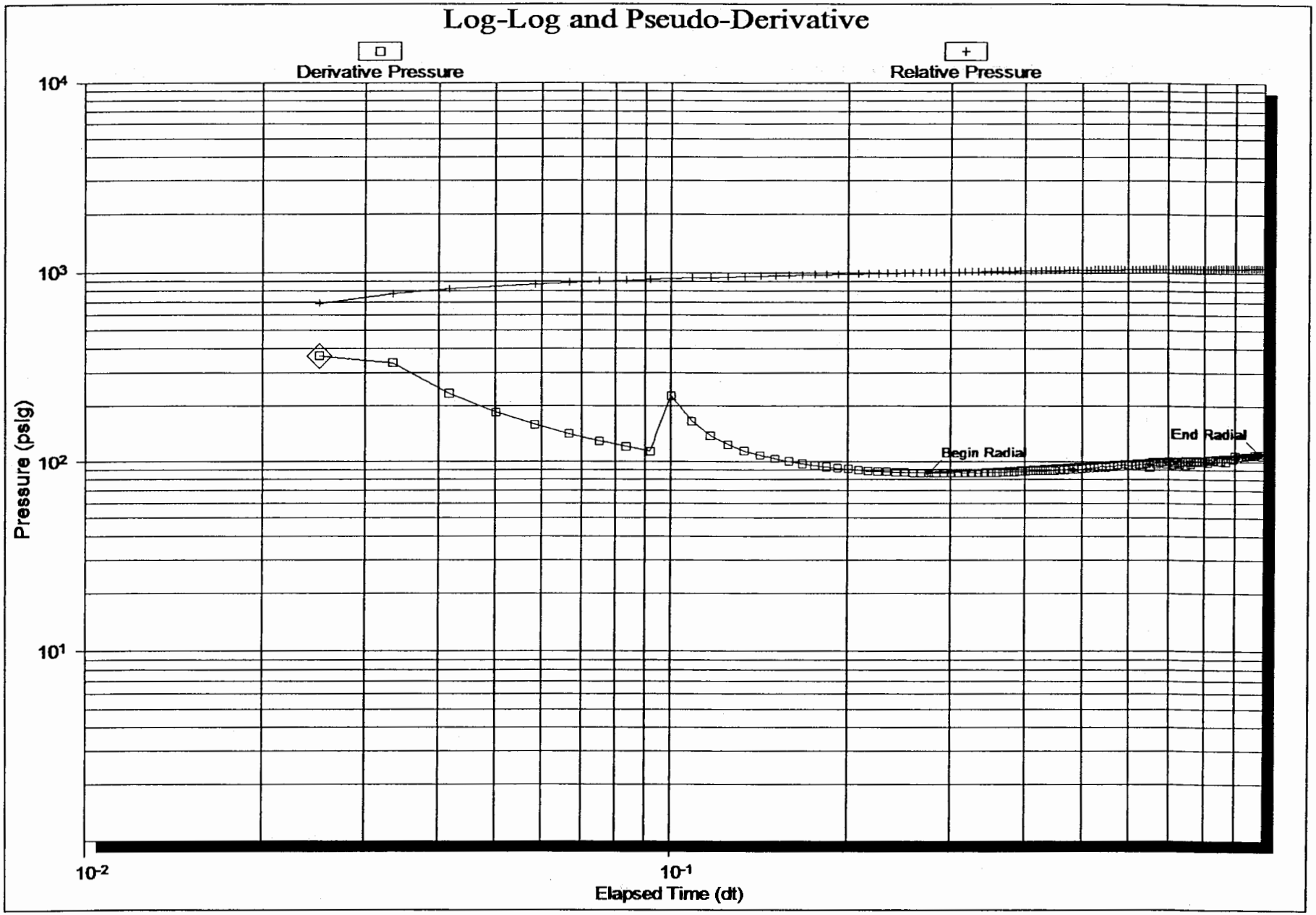

Serial Number: 6748 (Inside) | P* : 1281.24 | Slope (m) : 214.12 kpa/log cycle | Flow Cycle: 1

Trans Pacific Oil Corperation | 2011.12.28 @ 16:28:00 | 32/17S/24W/Ness



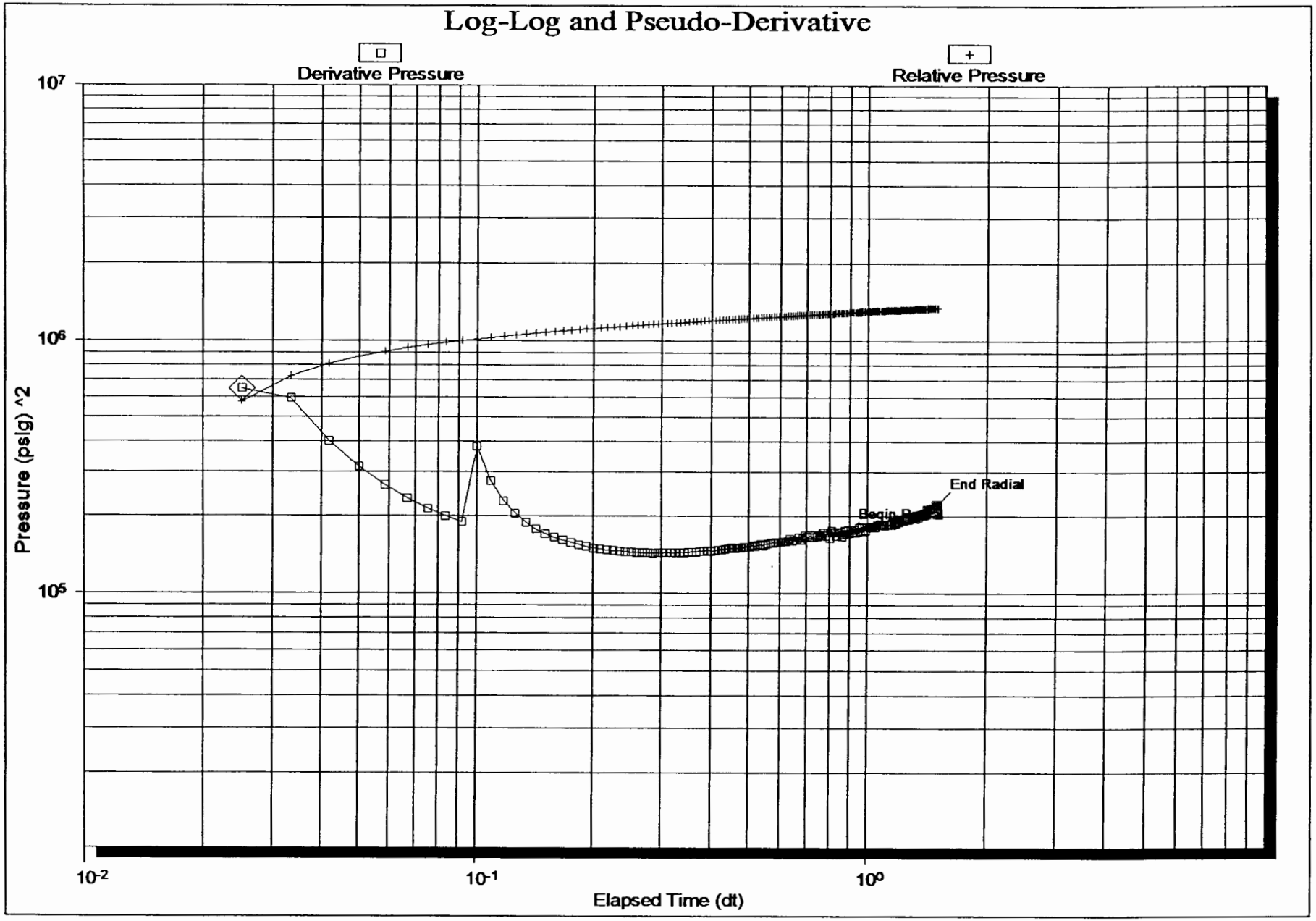

Serial Number: 6748 (Inside) | P* : 1274.03 | Slope (m) : 0.44 kpa^2[e6]/log cycle | Flow Cycle: 2

Trans Pacific Oil Corperation 2011.12.28 @ 16:28:00 32/17S/24W/Ness



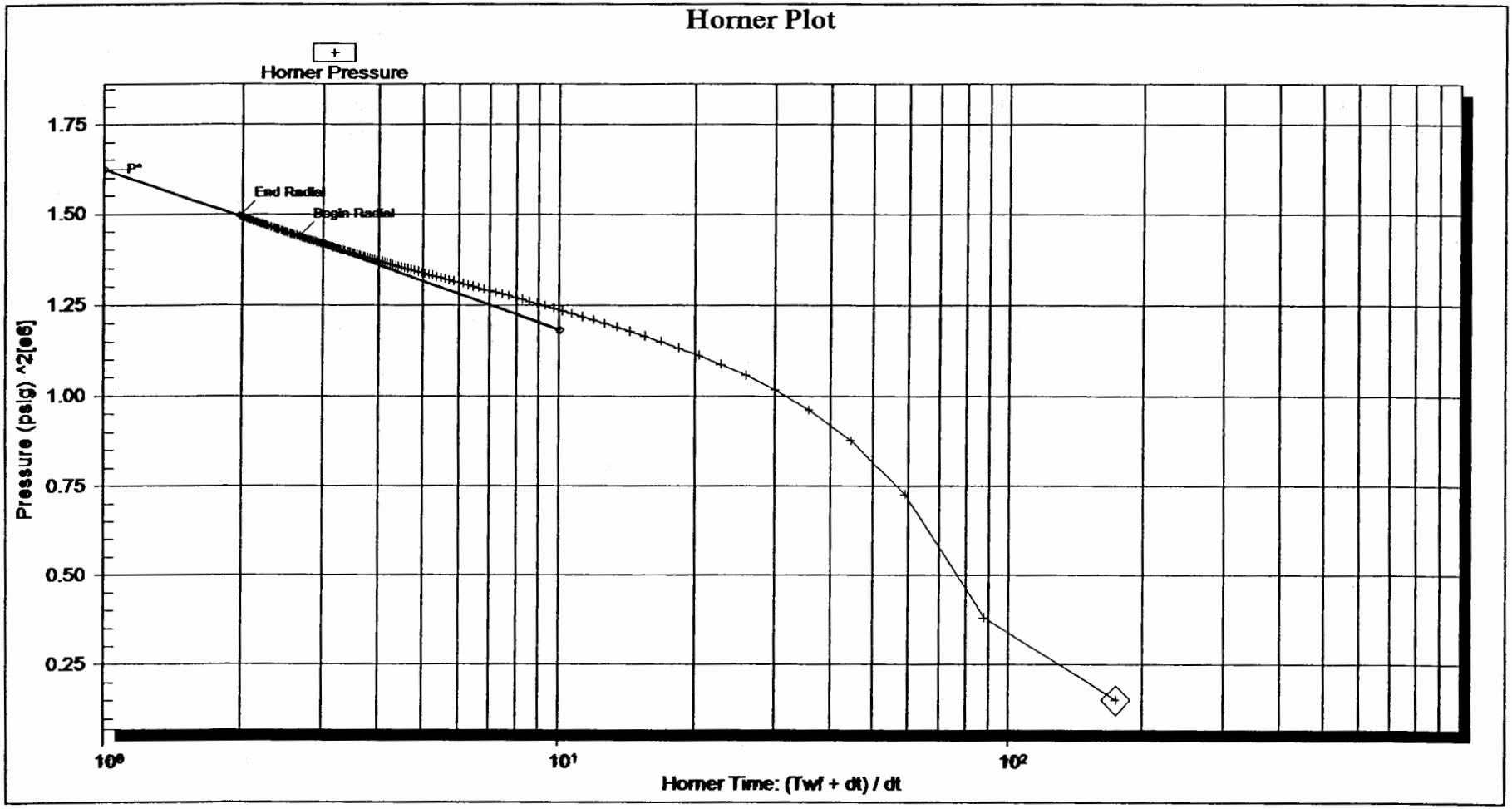

Serial Number: 6748 (Inside) Flow Cycle: 1

Trans Pacific Oil Corperation 2011.12.28 @ 16:28:00 32/17S/24W/Ness




Serial Number: 6748 (Inside) Flow Cycle: 2

Trans Pacific Oil Corperation | 2011.12.28 @ 16:28:00 | 32/17S/24W/Ness




Serial Number: 6748 (Inside)

Flow Cycle: 2

**Analysis (Gas)**

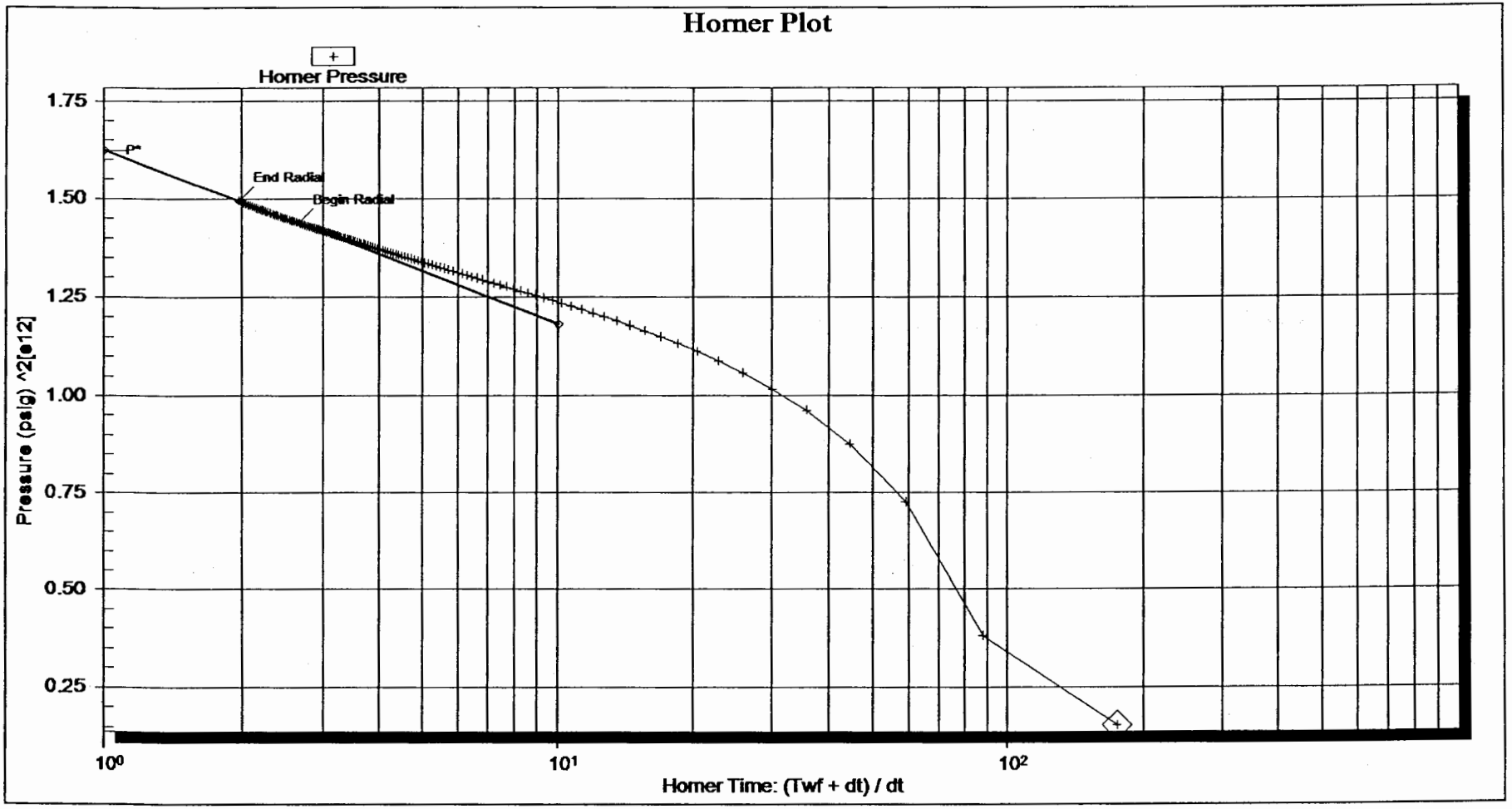
**Inputs**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Z - factor: | 0.80 | Net Pay Thickness: | | Gas Flow Rate: | 0.00 | Extrapolated Pressure (1): | 1244.88 | Wellbore Radius: | 3.94 |
| Average Gas Viscosity: | | Formation Porosity: | | Average Reservoir Temperature: | 124.29 | Extrapolated Pressure (x): | 1274.03 | Total Flowing Time: | 1.4500 |
| Total System Compress: | -1E6 | Water Saturation: | | Inital Static Reservoir Pressure: | 1274.03 | Flowing Bottom Hole Pressure: | 388.80 | | |

**Outputs**

| | | | |
|---|---|---|---|
| Horner Slope (m): | 664.40 | Effective Permeability: | |
| Radius of Investigation: | | Apparent Skin Factor: | |
| Absolute Open Flow: | | Depletion Factor: | -2.34 |

Trans Pacific Oil Corperation | 2011.12.28 @ 16:28:00 | 32/17S/24W/Ness




Serial Number: 6748 (Inside) | Flow Cycle: 2

**Analysis (Gas)**

**Inputs**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Z - factor: | 0.80 | Net Pay Thickness: | | Gas Flow Rate: | 0.00 | Extrapolated Pressure (1): | 1244.88 |
| Average Gas Viscosity: | | Formation Porosity: | | Average Reservoir Temperature: | 124.29 | Extrapolated Pressure (x): | 1274.03 |
| Total System Compress: | -1E6 | Water Saturation: | | Inital Static Reservoir Pressure: | 1274.03 | Flowing Bottom Hole Pressure: | 388.80 |

| | | | |
|---|---|---|---|
| Wellbore Radius: | 3.94 | | |
| Total Flowing Time: | 1.4500 | | |

**Outputs**

| | | | |
|---|---|---|---|
| Horner Slope (m): | 664.40 | Effective Permeability: | |
| Radius of Investigation: | | Apparent Skin Factor: | |
| Absolute Open Flow : | | Depletion Factor: | -2.34 |

[redacted]