



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum, Inc.  
 4924 SE 84th Street  
 Newton, KS. 67114-8827  
 ATTN: Ryan Seib

**33-16s-26w-Ness**  
**Bentley-Horchem #1**  
 Job Ticket: 47842 **DST#: 3**  
 Test Start: 2012.08.05 @ 17:56:34

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 20:27:04  
 Time Test Ended: 01:38:04  
 Interval: **4482.00 ft (KB) To 4605.00 ft (KB) (TVD)**  
 Total Depth: 4605.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Jason McLemore  
 Unit No: 54  
 Reference Elevations: 2653.00 ft (KB)  
 2643.00 ft (CF)  
 KB to GR/CF: 10.00 ft

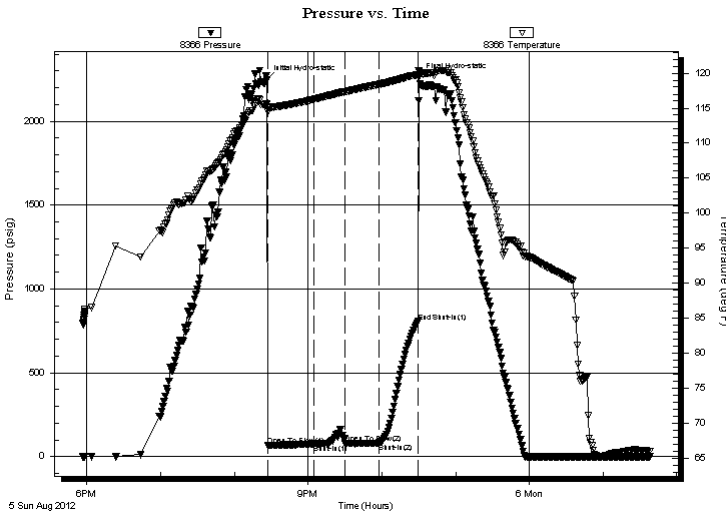
## Serial #: 8366

Inside

Press @ Run Depth: 74.69 psig @ 4579.00 ft (KB)  
 Start Date: 2012.08.05 End Date: 2012.08.06  
 Start Time: 17:56:36 End Time: 01:38:04  
 Capacity: 8000.00 psig  
 Last Calib.: 2012.08.06  
 Time On Btm: 2012.08.05 @ 20:26:34  
 Time Off Btm: 2012.08.05 @ 22:30:04

TEST COMMENT: IFP-Weak Blow , Built to 1"  
 ISI-Dead  
 FFP-Weak Blow , Built to 1/2"  
 FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2246.26	115.57	Initial Hydro-static
1	66.15	114.43	Open To Flow (1)
38	74.69	116.25	Shut-In(1)
64	78.08	117.34	Open To Flow (2)
92	81.28	118.40	Shut-In(2)
123	804.77	119.77	End Shut-In(1)
124	2264.14	120.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM-10%O-90%M	0.14

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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**Bentley-Horchem #1**  
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**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: 42.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM-10%O-90%M	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 8366

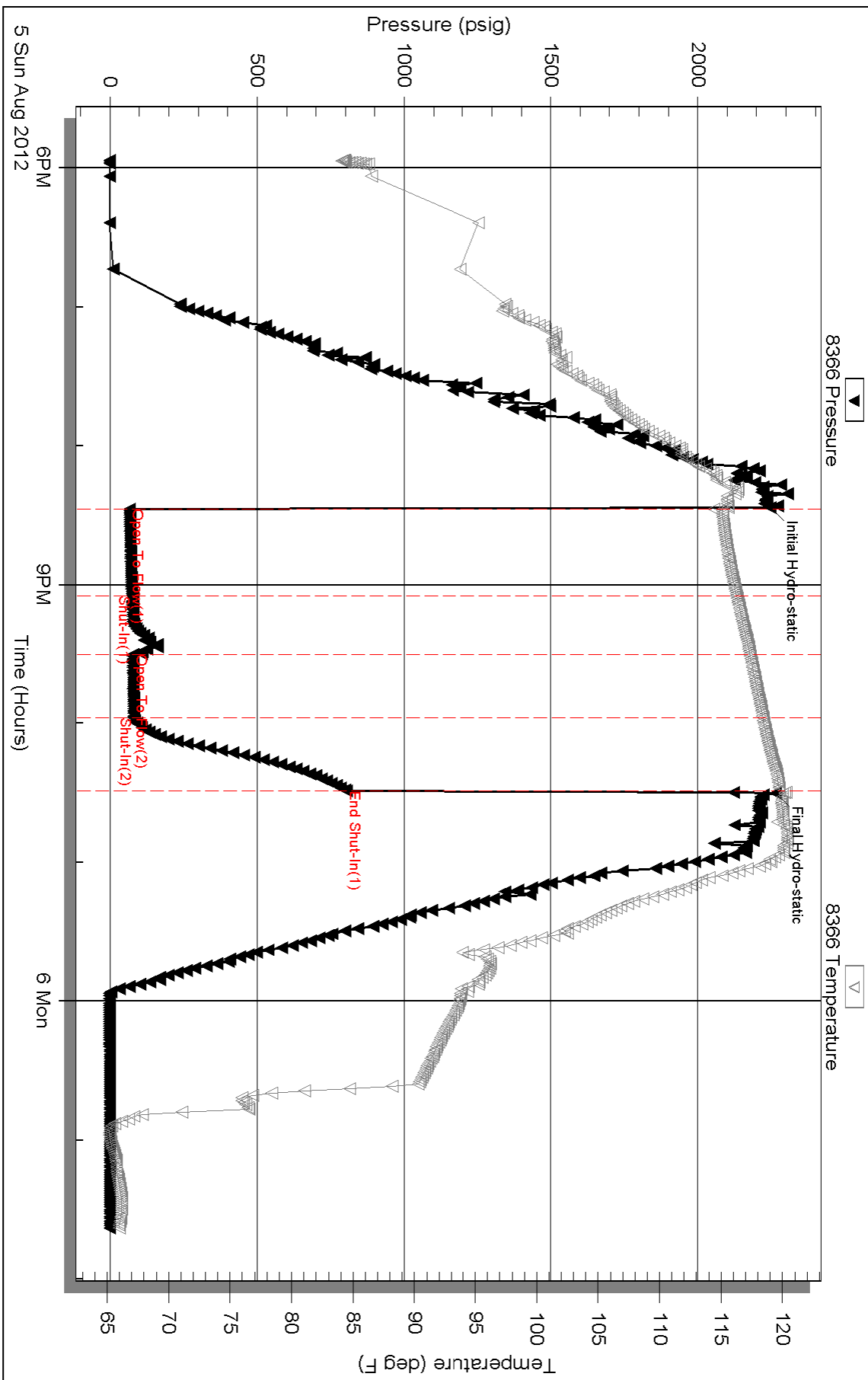
Inside

Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 3

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 47842

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