



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

33-16s-26w-Ness
Bentley-Horchem #1
Job Ticket: 48342 **DST#: 4**
Test Start: 2012.08.06 @ 16:35:00

GENERAL INFORMATION:

Formation: **Kansas City "L"**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 19:07:45
Time Test Ended: 23:35:00
Interval: **4234.00 ft (KB) To 4262.00 ft (KB) (TVD)**
Total Depth: 4657.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair
Test Type: Conventional Straddle (Reset)
Tester: Jace McKinney
Unit No: 46
Reference Elevations: 2653.00 ft (KB)
2643.00 ft (CF)
KB to GR/CF: 10.00 ft

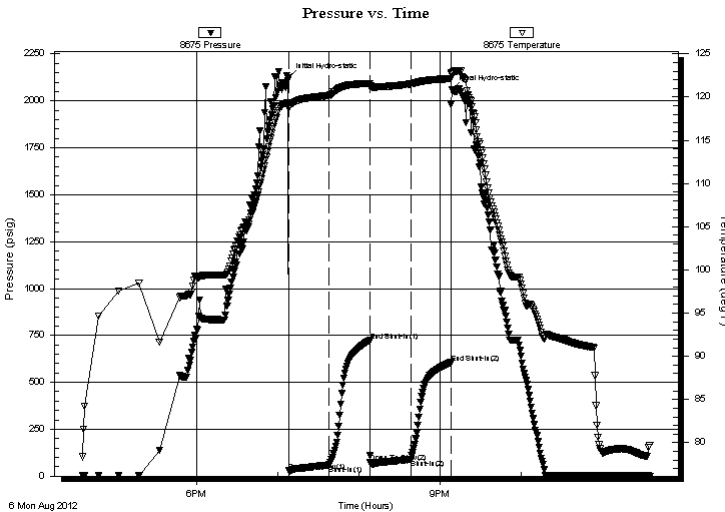
Serial #: 8675

Inside

Press @ Run Depth: 90.89 psig @ 4235.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06
Start Time: 16:35:15 End Time: 23:35:00 Time On Btm: 2012.08.06 @ 19:07:30
Time Off Btm: 2012.08.06 @ 21:08:30

TEST COMMENT: B.O.B. in 6 1/2 min.
Bled off for 5 min. Built to 1" died to 1/2" return blow
B.O.B. in 3 min.
Bled off for 5 min. No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.15	119.35	Initial Hydro-static
1	28.30	118.66	Open To Flow (1)
31	59.70	120.17	Shut-In(1)
61	722.41	121.57	End Shut-In(1)
61	72.97	121.30	Open To Flow (2)
91	90.89	121.49	Shut-In(2)
121	604.84	122.14	End Shut-In(2)
121	2059.67	122.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1605 Gas In Pipe	0.00
220.00	ocg 40%O 60%G	3.09
60.00	ocm 40%O 60%M	0.84

* 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
Job Ticket: 48342 **DST#: 4**
Test Start: 2012.08.06 @ 16:35:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3300.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1605 Gas In Pipe	0.000
220.00	ocg 40%O 60%G	3.086
60.00	ocm 40%O 60%M	0.842

Total Length: 280.00 ft Total Volume: 3.928 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API 37 @ 80 F = 35

Serial #: 8675

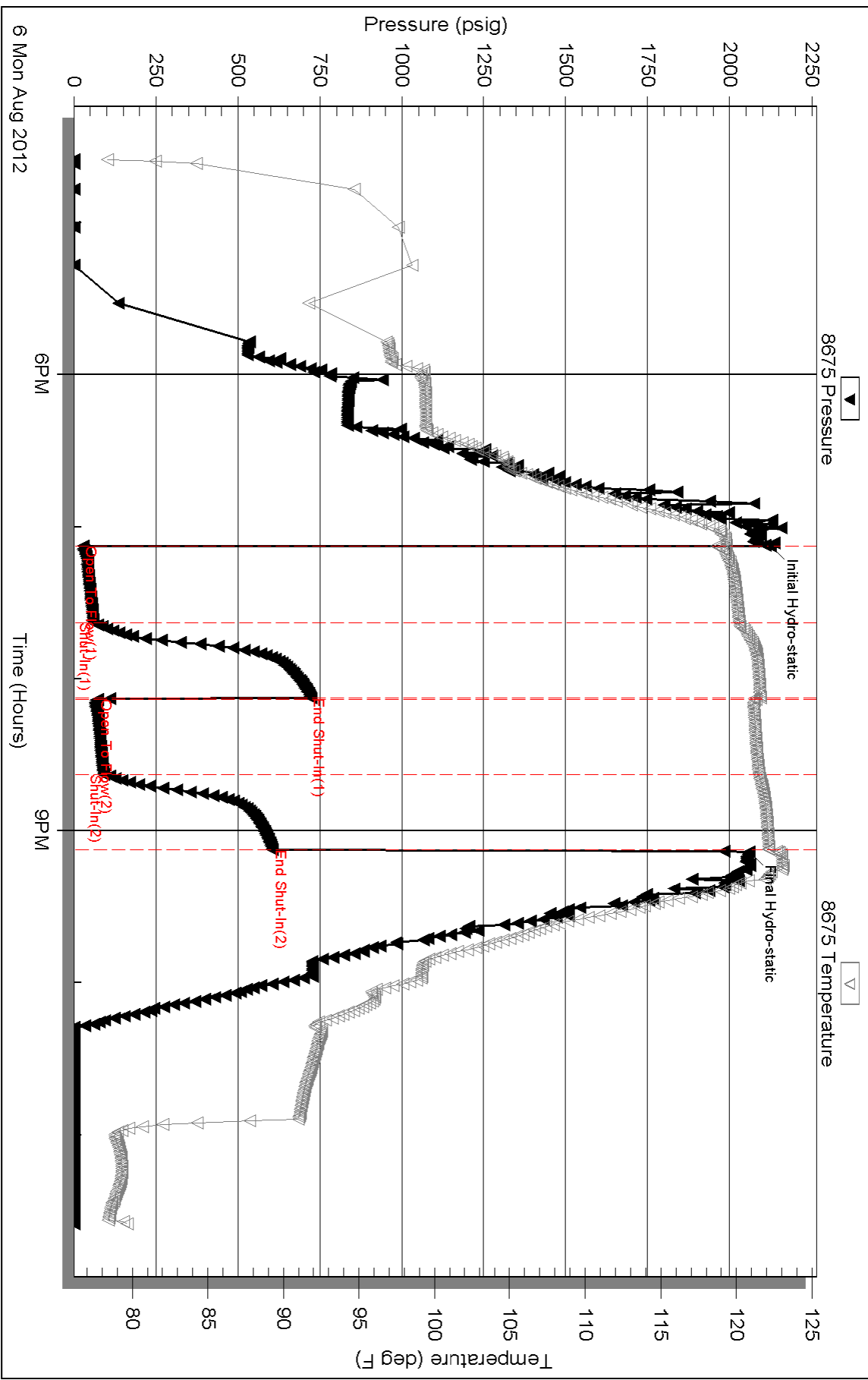
Inside

Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 4

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 48342

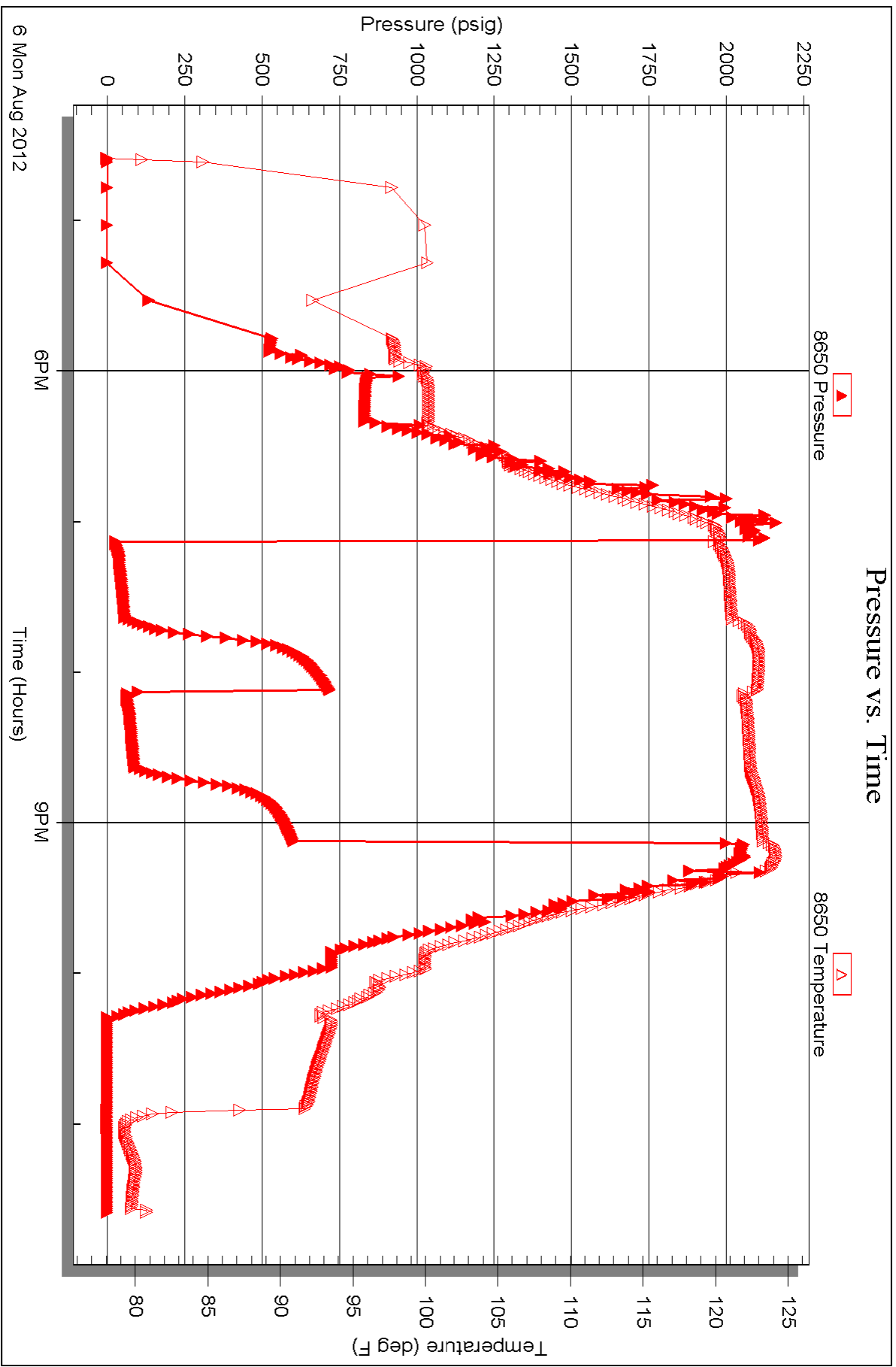
Printed: 2012.08.07 @ 00:18:37

Serial #: 8650

Outside Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 4



Serial #: 6672

Palomino Petroleum, Inc.

Bentley-Horchem #1

DST Test Number: 4

