



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pioneer Resources
 80 Windmill Drive
 Phillipsburg, KS. 67661
 ATTN: Cliff Ottaway

3-5s-18w-Phillips

Foundation #2

Job Ticket: 48738

DST#: 1

Test Start: 2012.11.26 @ 15:45:51

GENERAL INFORMATION:

Formation: **A**
 Deviated: **No** Whipstock: **0.00 ft (KB)**
 Time Tool Opened: 18:26:21
 Time Test Ended: 21:55:51
 Interval: **3044.00 ft (KB) To 3070.00 ft (KB) (TVD)**
 Total Depth: **3070.00 ft (KB) (TVD)**
 Hole Diameter: **7.80 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Jason McLemore**
 Unit No: **54**
 Reference Elevations: **1881.00 ft (KB)**
1873.00 ft (CF)
 KB to GR/CF: **8.00 ft**

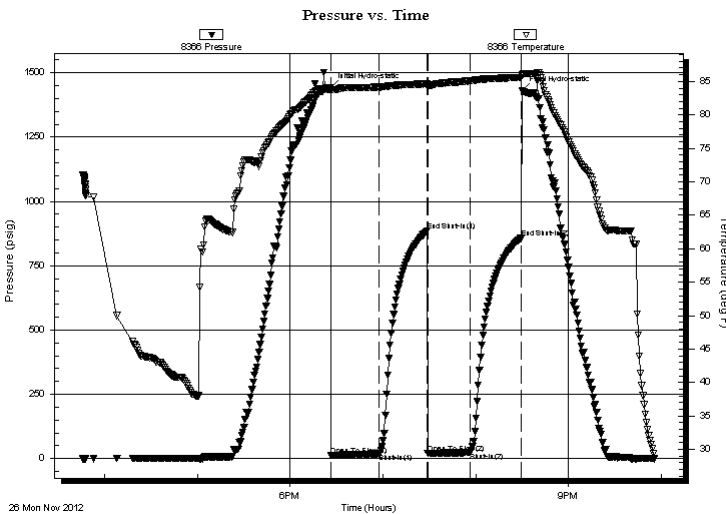
Serial #: 8366

Inside

Press @ Run Depth: **24.01 psig @ 3047.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2012.11.26** End Date: **2012.11.26** Last Calib.: **2012.11.26**
 Start Time: **15:45:53** End Time: **21:55:51** Time On Btm: **2012.11.26 @ 18:26:06**
 Time Off Btm: **2012.11.26 @ 20:29:51**

TEST COMMENT: IFP-Weak Blow , Built to 1/2", Died in 12 Min.
 ISI-Dead
 FFP-Dead
 FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1442.75	84.08	Initial Hydro-static
1	11.68	83.59	Open To Flow (1)
32	19.01	84.17	Shut-In(1)
63	885.50	84.66	End Shut-In(1)
63	20.22	84.15	Open To Flow (2)
91	24.01	85.12	Shut-In(2)
123	858.57	85.64	End Shut-In(2)
124	1430.81	85.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	V SOCM-1%O-99%M	0.05

Gas Rates

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



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FLUID SUMMARY

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80 Windmill Drive
Phillipsburg, KS. 67661

Foundation #2

Job Ticket: 48738

DST#: 1

ATTN: Cliff Ottaway

Test Start: 2012.11.26 @ 15:45:51

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	VSOCM-1%O-99%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

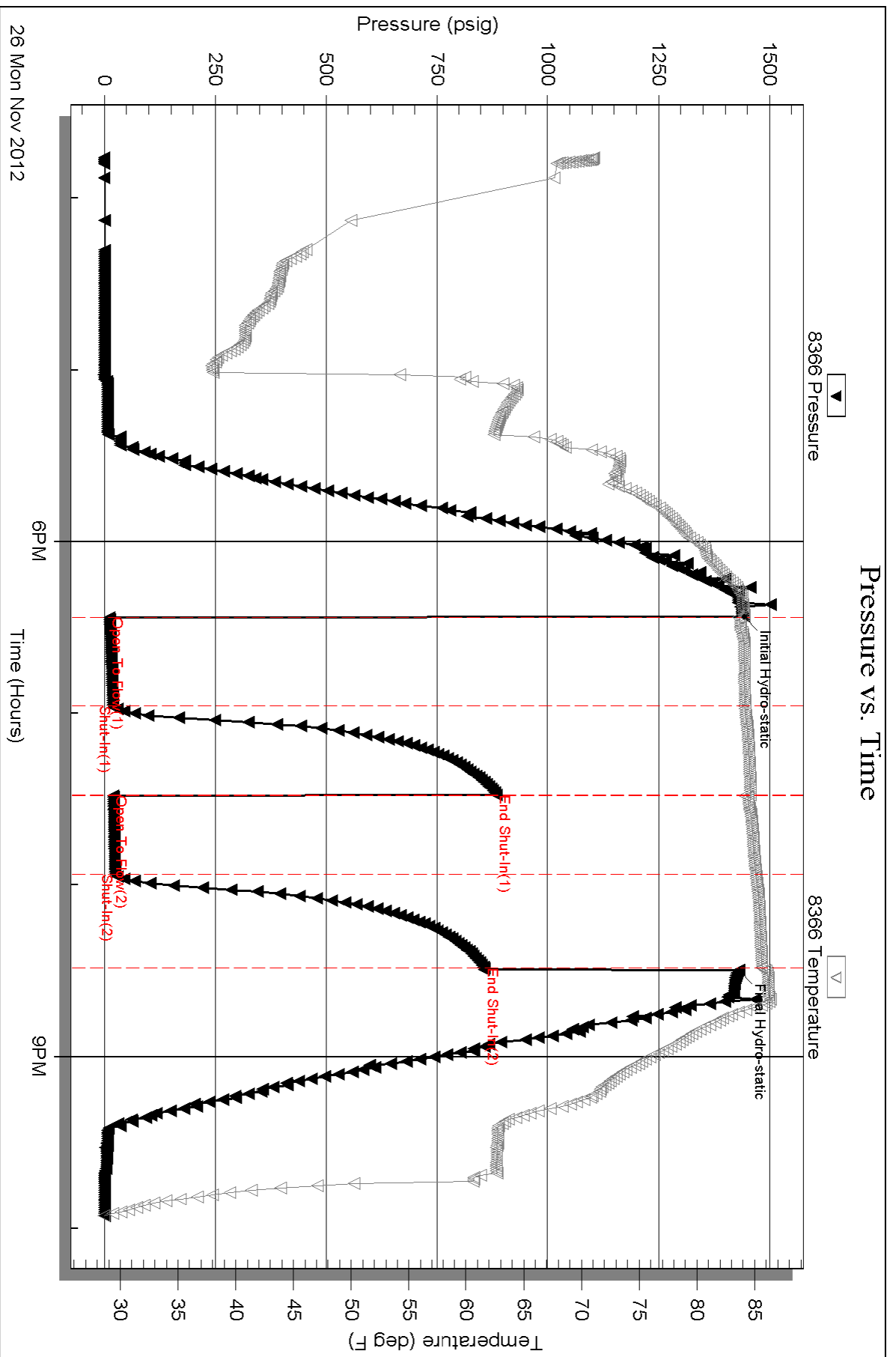
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Inside

Pioneer Resources

Foundation #2

DST Test Number: 1



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Ref. No: 48738

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