



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Farmer, John O., Inc.

15-15-18, Ellis, KS

PO Box 352
Russell KS 67665

A. Wasinger #8

Job Ticket: 47090

DST#: 1

ATTN: Austin Klans

Test Start: 2012.08.12 @ 21:35:45

GENERAL INFORMATION:

Formation: **Arb.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:46:45

Time Test Ended: 03:16:15

Test Type: Conventional Straddle (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3577.00 ft (KB) To 3617.00 ft (KB) (TVD)

Reference Elevations: 2026.00 ft (KB)

Total Depth: 3681.00 ft (KB) (TVD)

2018.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8166

Inside

Press @ Run Depth: 17.25 psig @ 3613.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.12

End Date:

2012.08.13

Last Calib.:

2012.08.13

Start Time: 21:35:50

End Time:

03:16:14

Time On Btm:

2012.08.12 @ 23:44:45

Time Off Btm:

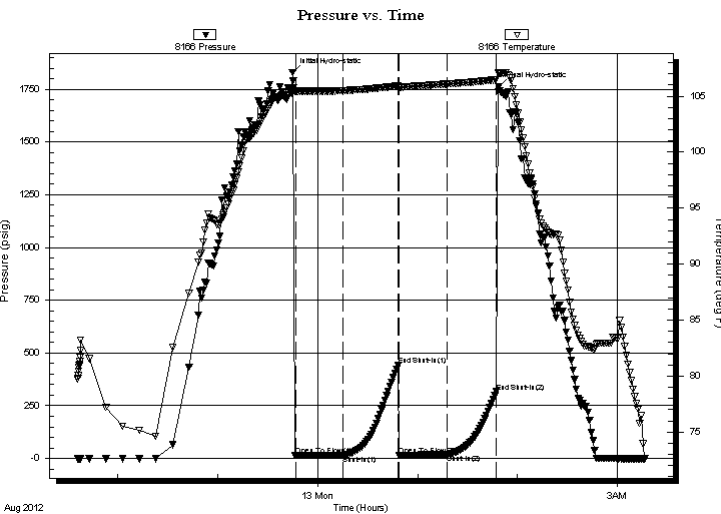
2012.08.13 @ 01:48:45

TEST COMMENT: IF-1/4in blow died in 28min

ISI-No blow

FF-No blow

FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.92	105.64	Initial Hydro-static
2	13.99	105.42	Open To Flow (1)
31	14.96	105.52	Shut-In(1)
64	440.55	105.92	End Shut-In(1)
64	16.09	105.78	Open To Flow (2)
93	17.25	106.10	Shut-In(2)
123	315.89	106.49	End Shut-In(2)
124	1761.97	107.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	oilspotted mud	0.02

Gas Rates

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



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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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	oilspotted mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

