



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Great Plains Energy

**15-16s-36w Thomas, Ks**

6121 S 58th st ste B  
Lincoln, Ne 68516

**Luckert 1-15**

Job Ticket: 53173

**DST#: 4**

ATTN: Mike Madcharo

Test Start: 2013.07.01 @ 19:53:26

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:22:11

Time Test Ended: 02:28:26

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

**Interval: 4580.00 ft (KB) To 4656.00 ft (KB) (TVD)**

Reference Elevations: 3380.00 ft (KB)

Total Depth: 4656.00 ft (KB) (TVD)

3370.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8373**

**Inside**

Press @ Run Depth: 60.36 psig @ 4581.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.01

End Date:

2013.07.02

Last Calib.:

2013.07.02

Start Time: 19:53:31

End Time:

02:28:25

Time On Btm:

2013.07.01 @ 21:20:56

Time Off Btm:

2013.07.02 @ 00:22:56

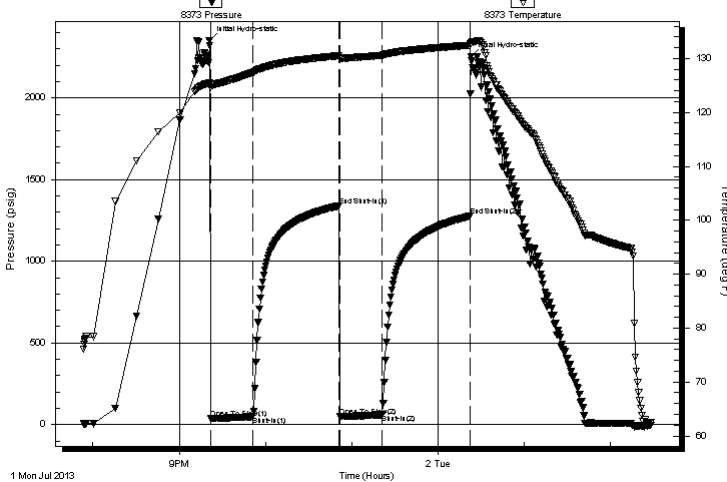
TEST COMMENT: IF: Surface blow died in 11 min.

IS: No return.

FF: No blow.

FS: No return.

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2351.80	125.56	Initial Hydro-static
2	36.87	125.10	Open To Flow (1)
31	49.20	127.41	Shut-In(1)
91	1340.21	130.54	End Shut-In(1)
91	50.86	130.10	Open To Flow (2)
120	60.36	130.61	Shut-In(2)
182	1277.16	132.47	End Shut-In(2)
182	2254.73	132.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100% <sub>m</sub>	0.30

\* Recovery from multiple tests

## 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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud 100%m	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

