



**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: 53171

**DST#: 2**

ATTN: Clayton Erickson

Test Start: 2013.06.29 @ 20:02:54

## GENERAL INFORMATION:

Formation: **LKC E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:47:09

Time Test Ended: 02:36:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 60

**Interval: 4298.00 ft (KB) To 4325.00 ft (KB) (TVD)**

Reference Elevations: 3380.00 ft (KB)

Total Depth: 4325.00 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: 43.73 psig @ 4299.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.06.29

End Date:

2013.06.30

Last Calib.:

2013.06.30

Start Time:

20:02:59

End Time:

02:36:38

Time On Btm:

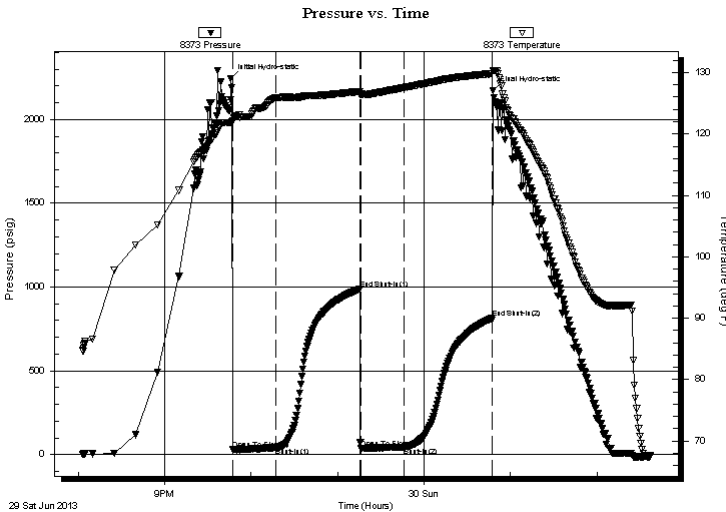
2013.06.29 @ 21:45:54

Time Off Btm:

2013.06.30 @ 00:47:54

**TEST COMMENT:** IF: Surface blow built to 1.  
IS: No return.  
FF: Surface blow built to 1/2.  
FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2244.29	121.91	Initial Hydro-static
2	32.26	122.08	Open To Flow (1)
32	41.71	125.91	Shut-In(1)
90	988.94	126.92	End Shut-In(1)
91	37.43	126.46	Open To Flow (2)
120	43.73	127.53	Shut-In(2)
181	813.44	129.82	End Shut-In(2)
182	2172.26	130.35	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	mco 90%o 10%m	0.30

## Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

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Job Ticket: 53171

**DST#: 2**

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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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mco 90%o 10%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:

