



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pioneer Resources

**25-14s-16w Ellis**

80 Windmill Dr  
Phillipsburg Ks 67661

**Baumrucker #5**

ATTN: Roger Wells/ Charlie

Job Ticket: 54818

**DST#: 4**

Test Start: 2013.09.27 @ 07:25:13

## GENERAL INFORMATION:

Formation: **LKC H-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:25:23

Time Test Ended: 13:11:37

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 70

**Interval: 3214.00 ft (KB) To 3300.00 ft (KB) (TVD)**

Reference Elevations: 1851.00 ft (KB)

Total Depth: 3300.00 ft (KB) (TVD)

1846.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8369 Inside**

Press @ RunDepth: 32.06 psig @ 3218.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.27 End Date: 2013.09.27

Last Calib.: 2013.09.27

Start Time: 07:25:13 End Time: 13:11:37

Time On Btm: 2013.09.27 @ 09:23:08

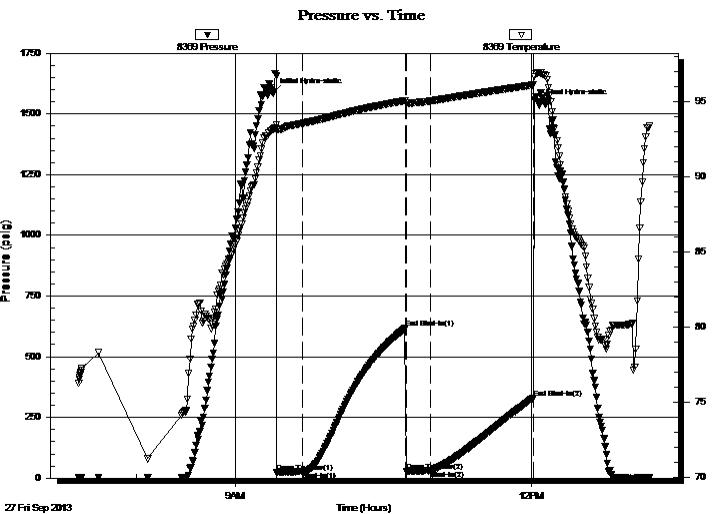
Time Off Btm: 2013.09.27 @ 12:04:37

TEST COMMENT: 15-surface bl , died in 13min

60-ISIP-no bl

15-FFP-no bl

60-FSIP-no bl



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.57	93.13	Initial Hydro-static
3	23.12	93.09	Open To Flow (1)
18	26.67	93.54	Shut-In(1)
81	616.59	95.06	End Shut-In(1)
81	28.42	94.91	Open To Flow (2)
96	32.06	95.02	Shut-In(2)
158	330.65	96.10	End Shut-In(2)
162	1541.00	96.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.04

\* 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:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.035

Total Length: 5.00 ft      Total Volume: 0.035 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

