



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Pollok Energy LLC  
501N4th PO Box 106  
Purcell OK 73080  
ATTN: Beth Brock

**25-26-27 Gray Co**

**Circle D #25-9**

Job Ticket: 51827

**DST#: 2**

Test Start: 2013.10.22 @ 02:32:04

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 07:04:49  
 Tester: Leal Cason  
 Time Test Ended: 11:56:04  
 Unit No: 47  
 Interval: **5054.00 ft (KB) To 5112.00 ft (KB) (TVD)**  
 Reference Elevations: 2607.00 ft (KB)  
 Total Depth: 5112.00 ft (KB) (TVD)  
 2595.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 KB to GR/CF: 12.00 ft

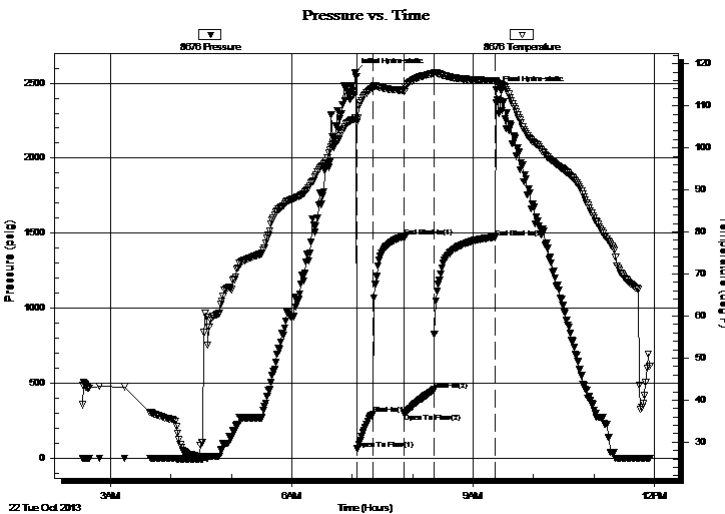
**Serial #: 8676**

**Outside**

Press@RunDepth: 457.27 psig @ 5055.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.10.22 End Date: 2013.10.22 Last Calib.: 2013.10.22  
 Start Time: 02:32:09 End Time: 11:56:04 Time On Btm: 2013.10.22 @ 07:02:49  
 Time Off Btm: 2013.10.22 @ 09:23:04

**TEST COMMENT:** IF: Fair Blow , BOB in 4 minutes  
 IS: No Blow Back  
 FF: Fair Blow , BOB in 8 minutes  
 FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2571.75	107.09	Initial Hydro-static
2	62.66	106.10	Open To Flow (1)
18	291.99	114.40	Shut-In(1)
49	1478.40	113.79	End Shut-In(1)
49	300.64	113.35	Open To Flow (2)
79	457.27	117.78	Shut-In(2)
139	1471.13	115.96	End Shut-In(2)
141	2452.77	115.80	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
536.00	Water	2.64
279.00	MCW 48%M 52%W	3.91
124.00	Mud	1.74

\* Recovery from multiple tests

## Gas Rates

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



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## FLUID SUMMARY

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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:

58000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
536.00	Water	2.636
279.00	MCW 48%M 52%W	3.914
124.00	Mud	1.739

Total Length: 939.00 ft      Total Volume: 8.289 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .2 @ 46 degrees

