



**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: 51826

DST#: 1

Test Start: 2013.11.20 @ 23:29:21

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 05:58:06 Tester: Chris Staats
 Time Test Ended: 13:22:06 Unit No: 47
 Interval: **4946.00 ft (KB) To 5065.00 ft (KB) (TVD)** Reference Elevations: 2607.00 ft (KB)
 Total Depth: 5065.00 ft (KB) (TVD) 2595.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 12.00 ft

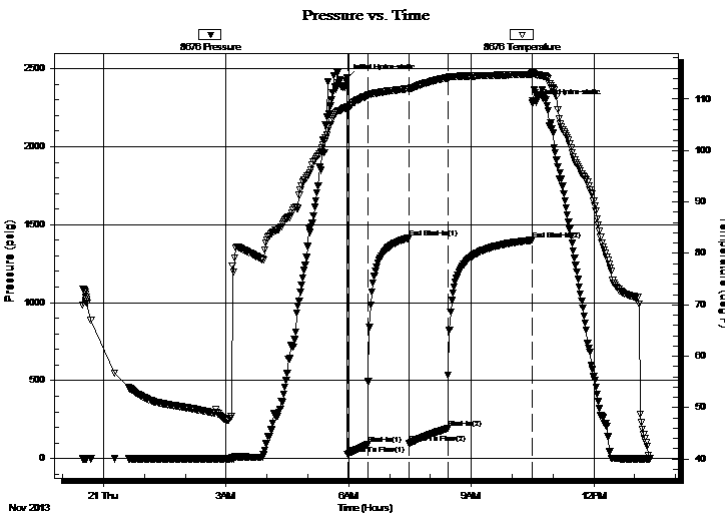
Serial #: 8676

Outside

Press@RunDepth: 194.49 psig @ 4947.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.11.20 End Date: 2013.11.21 Last Calib.: 2013.10.21
 Start Time: 23:29:26 End Time: 13:22:06 Time On Btm: 2013.11.21 @ 05:57:21
 Time Off Btm: 2013.11.21 @ 10:30:06

TEST COMMENT: IF: Weak blow 3 1/2"
 IS: No blow back
 FF: Fair blow 4 1/2"
 FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2439.57	108.55	Initial Hydro-static
1	25.29	107.95	Open To Flow (1)
31	89.64	110.64	Shut-In(1)
91	1414.43	112.05	End Shut-In(1)
92	95.12	111.75	Open To Flow (2)
149	194.49	114.10	Shut-In(2)
273	1401.29	114.86	End Shut-In(2)
273	2279.01	115.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	MUD	3.79

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

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
270.00	MUD	3.787

Total Length: 270.00 ft Total Volume: 3.787 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

