DRILL STEM TEST REPORT

Shelby Resources LLC

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Lakewood, Colorado 80228
ATTN: Jeremy Schwartz

25/21S/16W/Pawnee

Lee #1-25

Job Ticket: 17603 **DST#: 4**

Test Start: 2013.08.07 @ 16:53:00

GENERAL INFORMATION:

Formation: **Simpson Sand/Arbuckl**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:31:30
Time Test Ended: 00:32:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Great Bend/32

Interval: 3838.00 ft (KB) To 3892.00 ft (KB) (TVD)
Total Depth: 3892.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Fair

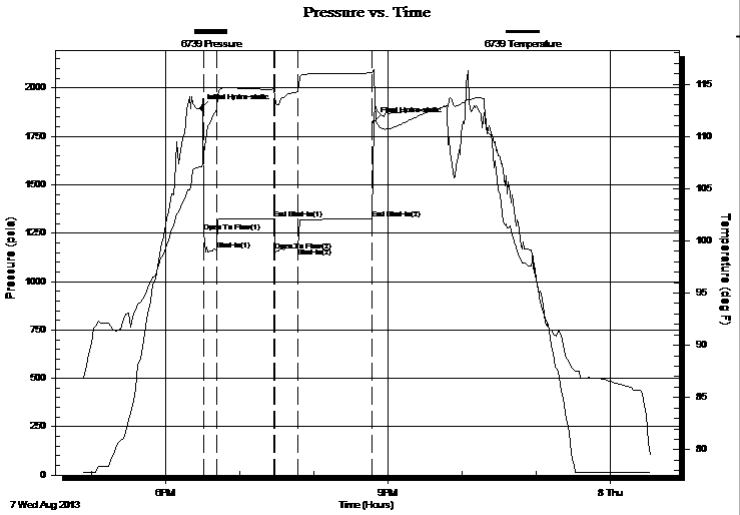
Reference Elevations: 1983.00 ft (KB)
1970.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6739

Press@RunDepth: 1176.19 psia @ ft (KB)
Start Date: 2013.08.07 End Date: 2013.08.08
Start Time: 16:53:00 End Time: 00:32:30

Capacity: 5000.00 psia
Last Calib.: 2013.08.08
Time On Btm: 2013.08.07 @ 18:29:00
Time Off Btm: 2013.08.07 @ 20:48:30

TEST COMMENT:
1ST Open 10 Minutes/Strong blow /Blow built to bottom of bucket in 15 seconds/Gas to surface 2 Minutes
1ST Shut In 45 Mintues/Blow back built to 1 inch
2ND Open 20 Mintues/Stong blow /Blow at bottom of bucket at open
2ND Shut In 60 Minutes/Blow back built to 1 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1893.61	107.07	Initial Hydro-static
3	1259.05	108.37	Open To Flow (1)
13	1164.14	112.56	Shut-In(1)
59	1326.07	114.54	End Shut-In(1)
60	1158.42	113.77	Open To Flow (2)
79	1176.19	114.31	Shut-In(2)
139	1322.02	116.10	End Shut-In(2)
140	1825.00	116.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud 100%	0.59

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	1.00	181.25	5210.72
Last Gas Rate	1.00	181.25	5210.72
Max. Gas Rate	1.00	181.25	5210.72