



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shelby Resources LLC.
2717 Canal BLVD
Suite C
Hays Ks, 67601
ATTN: Jeremy Schwartz

27/18s/14w/Barton

Nelson #1-27

Job Ticket: 62004

DST#: 2

Test Start: 2015.07.05 @ 19:45:00

GENERAL INFORMATION:

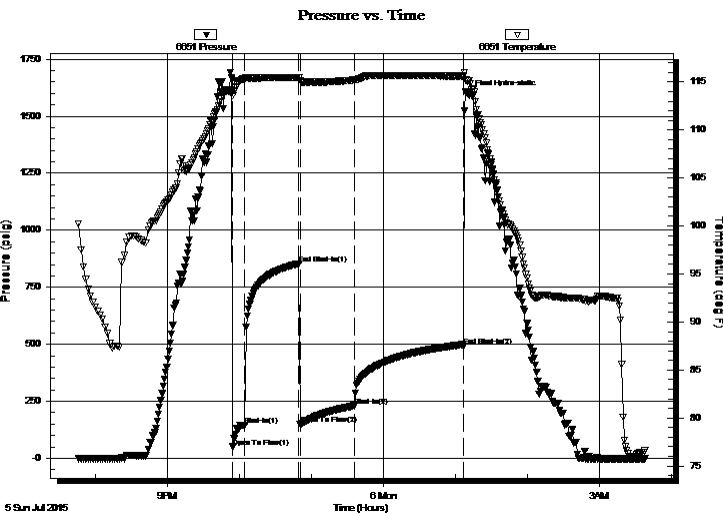
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3392.00 ft (KB) To 3438.00 ft (KB) (TVD)**
 Total Depth: 3438.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane Konzem
 Unit No: 56/30/Great Bend
 Reference Elevations: 1912.00 ft (KB)
 1901.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6651

Inside

Press @ Run Depth: 490.77 psig @ 3434.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.05 End Date: 2015.07.06 Last Calib.: 2015.07.06
 Start Time: 19:46:00 End Time: 03:37:30 Time On Btm: 2015.07.05 @ 21:49:30
 Time Off Btm: 2015.07.06 @ 01:10:30

TEST COMMENT: 1st Open/ 10 minutes. Good blow built to bottom of 5 gallon bucket in 4 minutes and 15 seconds.
 1st Shut In/ 45 minutes. Blow back built to 1 inch in 30 minutes then backed down to 1/2 inch by end of shut in
 2nd Open/ 45 minutes. Good blow built to bottom of 5 gallon bucket in 5 minutes and 30 seconds.
 2nd Shut In/ 90 minutes. Weak surface blow back that died at 30 minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.45	113.97	Initial Hydro-static
5	50.18	113.60	Open To Flow (1)
15	146.04	115.26	Shut-In(1)
60	853.70	115.45	End Shut-In(1)
61	149.18	115.12	Open To Flow (2)
106	230.02	115.20	Shut-In(2)
197	490.77	115.60	End Shut-In(2)
201	1594.69	115.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	252 feet gas in pipe.	0.00
597.00	100% Clean gassy oil	6.10
63.00	Mud cut oil	0.88
0.00	10% mud, 90% oil.	0.00

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

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 9.18 in³

Resistivity: ohm.m

Salinity: 3900.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	252 feet gas in pipe.	0.000
597.00	100% Clean gassy oil	6.104
63.00	Mud cut oil	0.884
0.00	10% mud, 90% oil.	0.000

Total Length: 660.00 ft Total Volume: 6.988 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

