



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: 62005

DST#: 3

Test Start: 2015.07.06 @ 09:58:00

GENERAL INFORMATION:

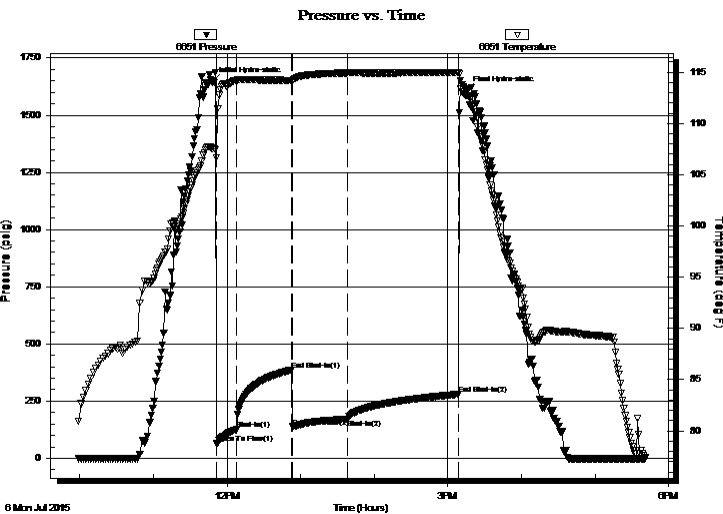
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:51:30
 Time Test Ended: 17:41:00
 Interval: **3438.00 ft (KB) To 3444.00 ft (KB) (TVD)**
 Total Depth: 3444.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 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 @ RunDepth: 171.29 psig @ 3440.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.06 End Date: 2015.07.06 Last Calib.: 2015.07.06
 Start Time: 09:59:00 End Time: 17:41:00 Time On Btm: 2015.07.06 @ 11:48:30
 Time Off Btm: 2015.07.06 @ 15:15:00

TEST COMMENT: 1st Open/ 15 Minutes. Good blow built to bottom of 5 gallon bucket in 2 minutes and 45 seconds.
 1st Shut In/ 45 Minutes. Blow back built to 4 inches into water.
 2nd Open/ 45 minutes. Good blow built to bottom of bucket in 6 minutes and 30 seconds.
 2nd Shut In/ 90 Minutes. Weak surface blow that died at 30 minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.18	107.55	Initial Hydro-static
3	66.30	106.67	Open To Flow (1)
19	125.49	114.20	Shut-In(1)
64	385.91	114.20	End Shut-In(1)
65	137.35	114.14	Open To Flow (2)
110	171.29	114.94	Shut-In(2)
200	279.87	114.99	End Shut-In(2)
207	1607.34	112.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	189 feet Gas in Pipe.	0.00
504.00	100% Clean gassy oil	4.80

Gas Rates

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



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Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:51:30

Time Test Ended: 17:41:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane Konzem

Unit No: 56/30/Great Bend

Interval: **3438.00 ft (KB) To 3444.00 ft (KB) (TVD)**

Reference Elevations: 1912.00 ft (KB)

Total Depth: 3444.00 ft (KB) (TVD)

1901.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 11.00 ft

Serial #: 8524 Outside

Press @ Run Depth: 286.86 psig @ 3441.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.06

End Date:

2015.07.06

Last Calib.:

2015.07.06

Start Time: 09:59:00

End Time:

17:40:30

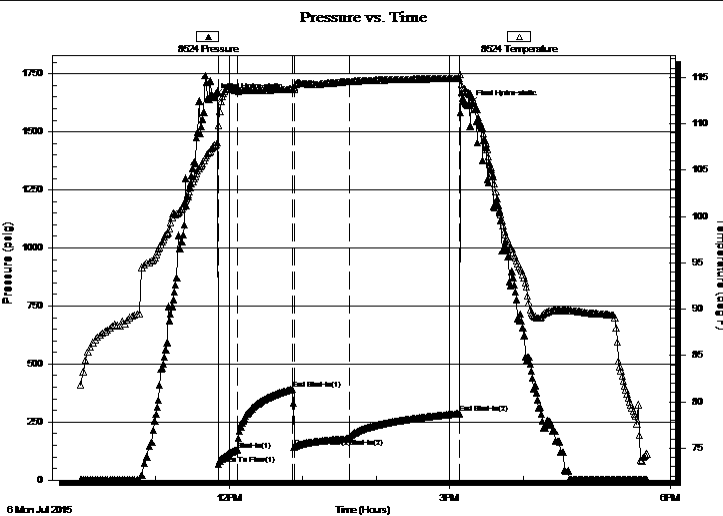
Time On Btm:

2015.07.06 @ 11:48:30

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2015.07.06 @ 15:16:00

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2nd Open/ 45 minutes. Good blow built to bottom of bucket in 6 minutes and 30 seconds.
2nd Shut In/ 90 Minutes. Weak surface blow that died at 30 minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1649.50	107.69	Initial Hydro-static
3	68.29	109.88	Open To Flow (1)
18	130.67	113.57	Shut-In(1)
63	391.59	113.76	End Shut-In(1)
65	143.85	113.77	Open To Flow (2)
110	178.37	114.56	Shut-In(2)
199	286.86	114.92	End Shut-In(2)
208	1618.72	113.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	189 feet Gas in Pipe.	0.00
504.00	100% Clean gassy oil	4.80

Gas Rates

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



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FLUID SUMMARY

Shelby Resources LLC.

27/18s/14w/Barton

2717 Canal BLVD

Nelson #1-27

Suite C

Job Ticket: 62005

DST#: 3

Hays Ks, 67601

ATTN: Jeremy Schwartz

Test Start: 2015.07.06 @ 09:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	189 feet Gas in Pipe.	0.000
504.00	100% Clean gassy oil	4.800

Total Length: 504.00 ft

Total Volume: 4.800 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

