



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shelby Resources, LLC

**24-17-14, Barton, KS**

2717 Canal Blvd.  
Suite C Hays KS 67601

**CS Unit #1**

Job Ticket: 50785

**DST#: 3**

ATTN: Jermy Schwartz

Test Start: 2012.10.26 @ 17:20:00

## GENERAL INFORMATION:

Formation: **KC "I-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:01:00

Time Test Ended: 00:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

**Interval: 3350.00 ft (KB) To 3425.00 ft (KB) (TVD)**

Reference Elevations: 1958.00 ft (KB)

Total Depth: 3425.00 ft (KB) (TVD)

1949.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8319 Outside**

Press @ Run Depth: 33.84 psig @ 3351.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.26

End Date: 2012.10.27

Last Calib.: 2012.10.27

Start Time: 17:20:05

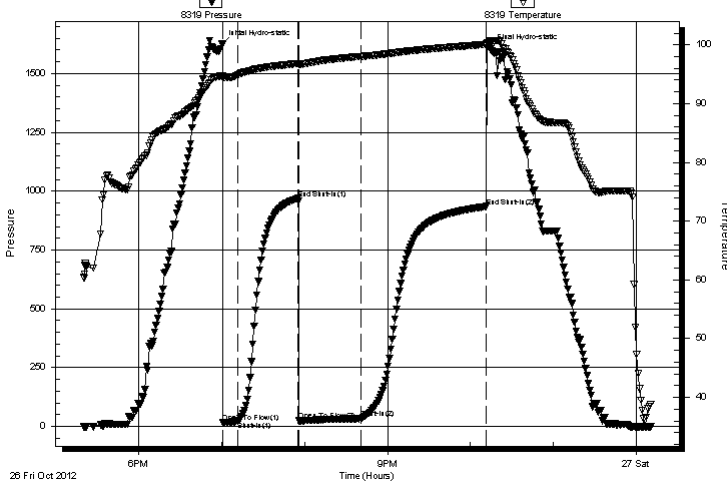
End Time: 00:10:29

Time On Btm: 2012.10.26 @ 19:00:00

Time Off Btm: 2012.10.26 @ 22:14:00

**TEST COMMENT:** IF-1/2in blow  
ISI-No blow  
FF-1.75in blow  
FSI-No blow

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1625.26	94.73	Initial Hydro-static
1	16.57	94.36	Open To Flow (1)
12	21.07	94.85	Shut-In(1)
55	969.82	96.83	End Shut-In(1)
56	24.72	96.64	Open To Flow (2)
101	33.84	98.03	Shut-In(2)
192	935.01	100.10	End Shut-In(2)
194	1607.81	100.63	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
44.00	VSGOCM 5%G 25%O 70%M	0.22
1.00	Free Oil	0.00

\* 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:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7100.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
44.00	VSGOCM 5%G 25%O 70%M	0.216
1.00	Free Oil	0.005

Total Length: 45.00 ft      Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

