



**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: 50783

DST#: 1

ATTN: Jermy Schwartz

Test Start: 2012.10.25 @ 07:45:00

GENERAL INFORMATION:

Formation: **KC "A-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:30:30

Time Test Ended: 13:56:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3203.00 ft (KB) To 3274.00 ft (KB) (TVD)

Reference Elevations: 1958.00 ft (KB)

Total Depth: 3274.00 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: 20.79 psig @ 3204.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.25 End Date: 2012.10.25

Last Calib.: 2012.10.25

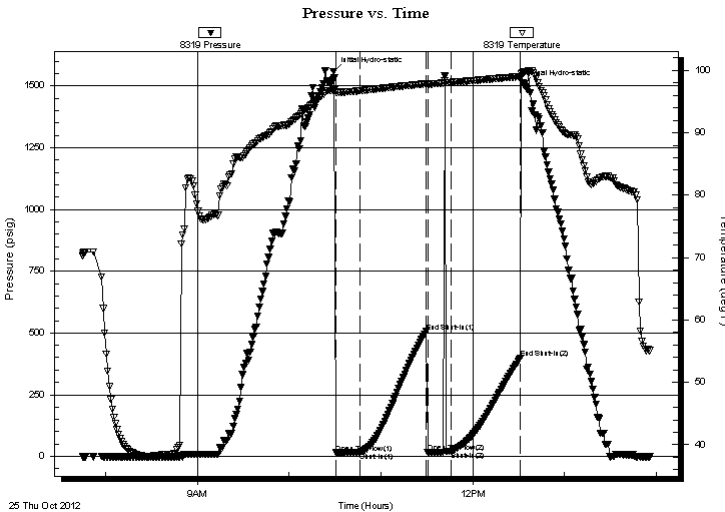
Start Time: 07:45:05 End Time: 13:55:59

Time On Btm: 2012.10.25 @ 10:29:00

Time Off Btm: 2012.10.25 @ 12:33:00

TEST COMMENT: IF-1/8in blow
ISI-No blow
FF-No blow Flush Tool No blow
FSI-No blow

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1558.84 | 96.83 | Initial Hydro-static |
| 2 | 14.64 | 96.51 | Open To Flow (1) |
| 17 | 16.53 | 96.74 | Shut-In(1) |
| 61 | 505.41 | 97.85 | End Shut-In(1) |
| 62 | 17.33 | 97.76 | Open To Flow (2) |
| 77 | 20.79 | 98.08 | Shut-In(2) |
| 122 | 397.24 | 99.01 | End Shut-In(2) |
| 124 | 1507.43 | 99.70 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | Mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | Mud | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

