



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Larson Engineering, Inc.
 562 W. State Rd.4
 Olmitz Ks 67564
 ATTN: Steve Davis

Splitter-Hilgenberg #1-35
35-18-29 Lane Co KS
 Job Ticket: 38361 **DST#: 5**
 Test Start: 2010.10.01 @ 16:41:15

GENERAL INFORMATION:

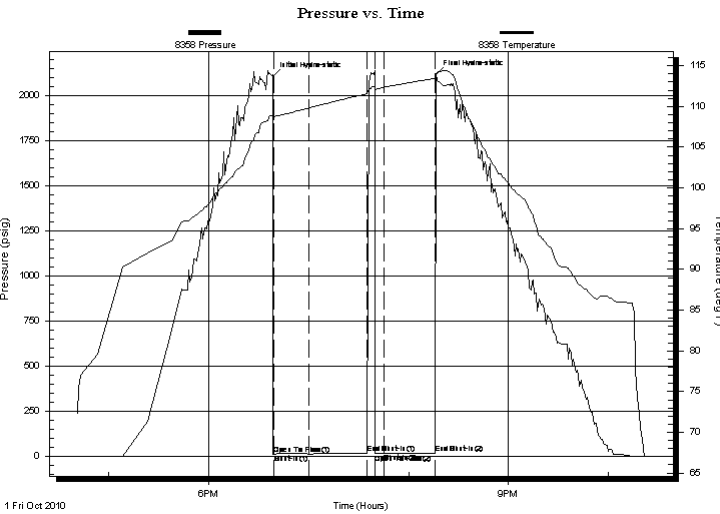
Formation: **Middle Creek**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 18:38:45 Tester: Mike Roberts
 Time Test Ended: 22:22:15 Unit No: 48
 Interval: **4315.00 ft (KB) To 4324.00 ft (KB) (TVD)** Reference Elevations: 2806.00 ft (KB)
 Total Depth: 4324.00 ft (KB) (TVD) 2799.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8358

Inside

Press @ Run Depth: 14.89 psig @ 4316.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.10.01 End Date: 2010.10.01 Last Calib.: 2010.10.01
 Start Time: 16:41:15 End Time: 22:22:15 Time On Btm: 2010.10.01 @ 18:38:30
 Time Off Btm: 2010.10.01 @ 20:16:30

TEST COMMENT: IF No blow :
 IS: No return blow
 FF: No blow ----flushed tool no blow
 FS: No return blow



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2104.39 | 108.92 | Initial Hydro-static |
| 1 | 13.58 | 107.95 | Open To Flow (1) |
| 22 | 13.67 | 109.82 | Shut-In(1) |
| 57 | 15.08 | 111.56 | End Shut-In(1) |
| 62 | 14.46 | 111.99 | Open To Flow (2) |
| 67 | 14.89 | 112.36 | Shut-In(2) |
| 98 | 17.73 | 113.46 | End Shut-In(2) |
| 98 | 2111.56 | 114.03 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 2.00 | m 100% | 0.01 |
| | | |
| | | |
| | | |
| | | |

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:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 81.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 2.00 | m 100% | 0.010 |

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

