



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

O Brien Resources  
 P.O. Box 6149  
 Shreveport, LA 71136  
 ATTN: Kurt Talbott

**2-17s-30w Lane Ks**  
**Sharp Seed Lease 2#1**  
 Job Ticket: 43831      **DST#: 3**  
 Test Start: 2011.09.28 @ 19:21:51

## GENERAL INFORMATION:

Formation: **H-I-J**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 21:16:31  
 Tester: Brandon Turley  
 Time Test Ended: 00:56:15  
 Unit No: 35  
 Interval: **4103.00 ft (KB) To 4190.00 ft (KB) (TVD)**  
 Reference Elevations: 2858.00 ft (KB)  
 Total Depth: 4190.00 ft (KB) (TVD)  
 2851.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 KB to GR/CF: 7.00 ft

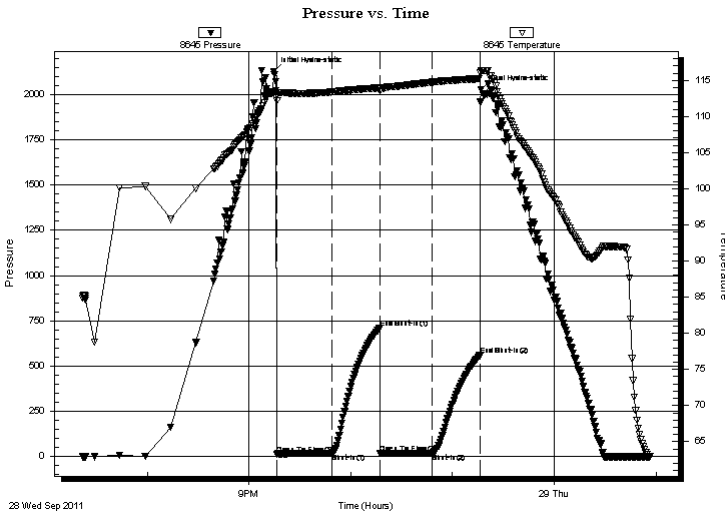
## Serial #: 8645

Inside

Press @ Run Depth: 18.71 psig @ 4104.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2011.09.28      End Date: 2011.09.29      Last Calib.: 2011.09.29  
 Start Time: 19:21:51      End Time: 00:56:15      Time On Btm: 2011.09.28 @ 21:14:46  
 Time Off Btm: 2011.09.28 @ 23:17:01

TEST COMMENT: IF: 1/4 blow died in 9 min.  
 IS: No return.  
 FF: No blow.  
 FS: No return.

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2128.79         | 113.43       | Initial Hydro-static |
| 2           | 12.49           | 112.16       | Open To Flow (1)     |
| 34          | 17.09           | 113.37       | Shut-In(1)           |
| 63          | 710.23          | 113.96       | End Shut-In(1)       |
| 63          | 17.27           | 113.51       | Open To Flow (2)     |
| 93          | 18.71           | 114.75       | Shut-In(2)           |
| 122         | 558.41          | 115.22       | End Shut-In(2)       |
| 123         | 2027.16         | 116.27       | Final Hydro-static   |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00       | mud 100% m  | 0.14         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

\* 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:        | 0 deg API |
| Mud Weight: 9.00 lb/gal          | Cushion Length: ft         | Water Salinity: | 0 ppm     |
| Viscosity: 52.00 sec/qt          | Cushion Volume: bbl        |                 |           |
| Water Loss: 8.78 in <sup>3</sup> | Gas Cushion Type:          |                 |           |
| Resistivity: 0.00 ohm.m          | Gas Cushion Pressure: psig |                 |           |
| Salinity: 3000.00 ppm            |                            |                 |           |
| Filter Cake: 1.00 inches         |                            |                 |           |

## Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 10.00        | mud 100%m   | 0.140         |

Total Length: 10.00 ft      Total Volume: 0.140 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

# Pressure vs. Time

