



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

AbercrombieEnergy, LLC

**14-19s-26w Ness Co**

10209 W. Central  
STE 2  
Wichita Ks 67212  
ATTN: Gary Gensch

**Whipple #4-14**

Job Ticket: 46555

**DST#: 1**

Test Start: 2012.05.02 @ 00:53:05

## GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:10:30

Time Test Ended: 10:18:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 48

**Interval: 4470.00 ft (KB) To 4521.00 ft (KB) (TVD)**

Reference Elevations: 2631.00 ft (KB)

Total Depth: 4521.00 ft (KB) (TVD)

2622.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

**Serial #: 8736 Inside**

Press @ Run Depth: 36.56 psig @ 4473.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.02

End Date:

2012.05.02

Last Calib.:

2012.05.02

Start Time: 00:53:05

End Time:

10:18:00

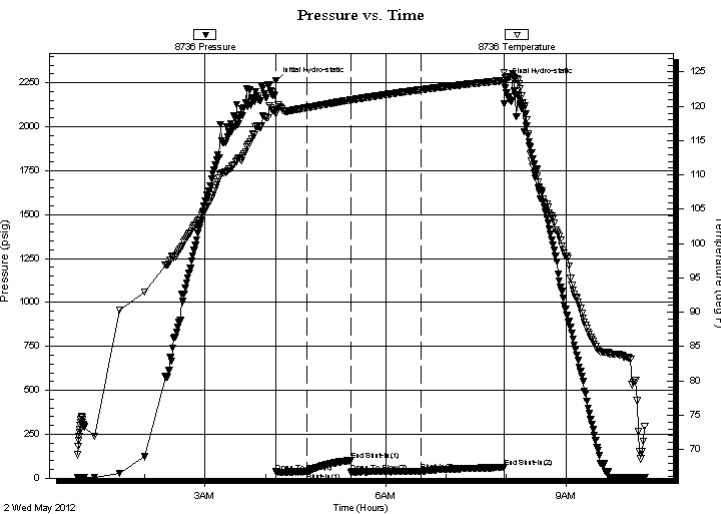
Time On Btm:

2012.05.02 @ 04:10:15

Time Off Btm:

2012.05.02 @ 07:58:44

**TEST COMMENT:** IF: Built to 9" blow  
IS: No return blow  
FF: Built to 3" blow  
FS: No return blow



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2259.66         | 119.51       | Initial Hydro-static |
| 1           | 35.71           | 118.88       | Open To Flow (1)     |
| 32          | 35.23           | 119.81       | Shut-In(1)           |
| 75          | 100.24          | 120.92       | End Shut-In(1)       |
| 75          | 33.63           | 120.91       | Open To Flow (2)     |
| 145         | 36.56           | 122.41       | Shut-In(2)           |
| 228         | 60.07           | 123.77       | End Shut-In(2)       |
| 229         | 2248.41         | 124.15       | Final Hydro-static   |

## Recovery

| Length (ft) | Description                | Volume (bbl) |
|-------------|----------------------------|--------------|
| 0.00        | GIP= 228 feet              | 0.00         |
| 20.00       | mud w ith oil spots 100% m | 0.28         |
|             |                            |              |
|             |                            |              |
|             |                            |              |

## Gas Rates

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



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**FLUID SUMMARY**

AbercrombieEnergy, LLC

**14-19s-26w Ness Co**

10209 W. Central  
STE 2  
Wichita Ks 67212  
ATTN: Gary Gensch

**Whipple #4-14**

Job Ticket: 46555

**DST#: 1**

Test Start: 2012.05.02 @ 00:53:05

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.59 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 0 ppm

## Recovery Information

Recovery Table

| Length<br>ft | Description                | Volume<br>bbl |
|--------------|----------------------------|---------------|
| 0.00         | GIP= 228 feet              | 0.000         |
| 20.00        | mud w ith oil spots 100% m | 0.281         |

Total Length: 20.00 ft      Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8736

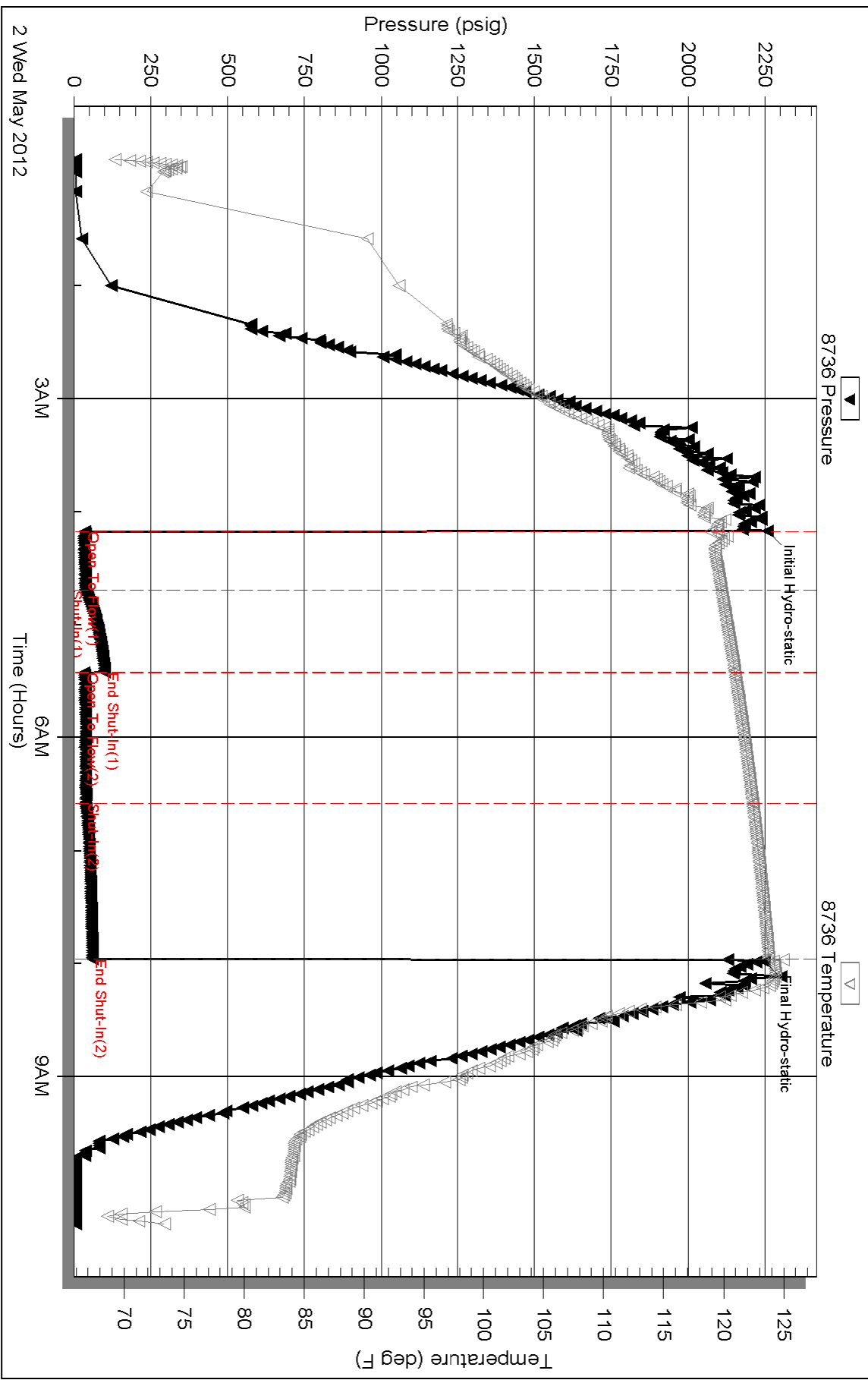
Inside

AbercrombieEnergy, LLC

Whipple #4-14

DST Test Number: 1

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46555

Printed: 2012.05.02 @ 10:34:26