

**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

American Warrior

**Pablo #1-30**

PO Box 399  
Garden City, Ks  
67846  
ATTN: Jason Alm

**30-18s-21w/Ness**

Job Ticket: 38951

**DST#: 1**

Test Start: 2010.06.16 @ 18:27:18

### GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:32:43

Time Test Ended: 00:23:42

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

**Interval: 4201.00 ft (KB) To 4266.00 ft (KB) (TVD)**

Reference Elevations: 2146.00 ft (KB)

Total Depth: 4266.00 ft (KB) (TVD)

2138.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

**Serial #: 8647 Inside**

Press@RunDepth: 165.60 psig @ 4205.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.06.16

End Date:

2010.06.17

Last Calib.:

2010.06.17

Start Time: 18:27:18

End Time:

00:23:42

Time On Btm:

2010.06.16 @ 20:31:13

Time Off Btm:

2010.06.16 @ 22:32:43

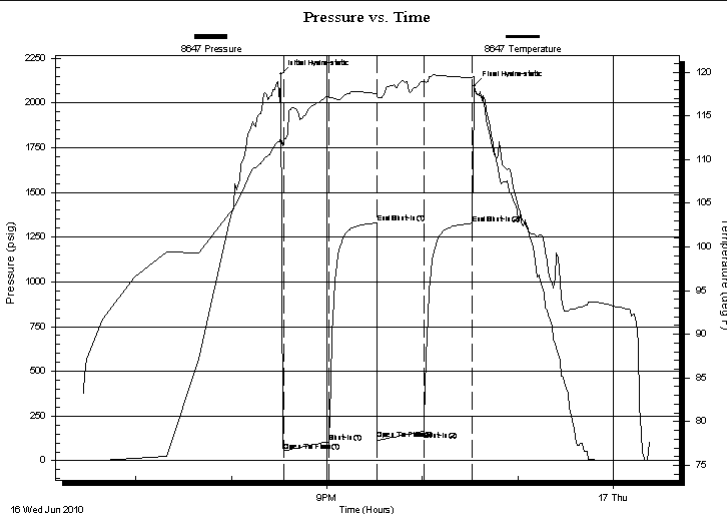
TEST COMMENT: IFP - weak to strong blow 1" - 9 1/2"

ISI - no blow back

FFP - weak to good blow 1/4" - 9"

FSI - no blow back

### PRESSURE SUMMARY



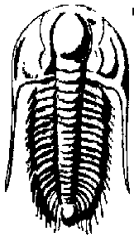
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2159.40         | 112.54       | Initial Hydro-static |
| 2           | 52.96           | 112.32       | Open To Flow (1)     |
| 30          | 105.79          | 117.12       | Shut-In(1)           |
| 60          | 1328.49         | 117.54       | End Shut-In(1)       |
| 61          | 117.48          | 117.15       | Open To Flow (2)     |
| 90          | 165.60          | 118.93       | Shut-In(2)           |
| 120         | 1326.63         | 119.40       | End Shut-In(2)       |
| 122         | 2094.82         | 118.32       | Final Hydro-static   |

### Recovery

| Length (ft) | Description   | Volume (bbl) |
|-------------|---------------|--------------|
| 150.00      | MW 20%W, 80%M | 1.82         |
| 130.00      | DRL MUD 100%  | 1.82         |
|             |               |              |
|             |               |              |
|             |               |              |
|             |               |              |

### Gas Rates

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



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### FLUID SUMMARY

American Warrior

**Pablo #1-30**

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ATTN: Jason Alm

**30-18s-21w/Ness**

Job Ticket: 38951

**DST#: 1**

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### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 11.17 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 7900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

### Recovery Information

Recovery Table

| Length<br>ft | Description   | Volume<br>bbl |
|--------------|---------------|---------------|
| 150.00       | MW 20%W, 80%M | 1.822         |
| 130.00       | DRL MUD 100%  | 1.824         |

Total Length: 280.00 ft

Total Volume: 3.646 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

