

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

## DRILL STEM TEST REPORT

American Warrior, Inc.

**3-25s-31w Finney co.**

3118 Cummings RD  
PO Box 399  
Garden City, KS 67846  
ATTN: Kevin Timson

**Tancayo #3-3**

Job Ticket: 59581

**DST#: 1**

Test Start: 2014.07.26 @ 04:37:00

### GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:37:15

Time Test Ended: 10:24:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Samuel Esparza

Unit No: 72

**Interval: 4778.00 ft (KB) To 4830.00 ft (KB) (TVD)**

Reference Elevations: 2836.00 ft (KB)

Total Depth: 4830.00 ft (KB) (TVD)

2825.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8845 Inside**

Press@RunDepth: 15.93 psig @ 4779.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.26

End Date:

2014.07.26

Last Calib.: 2014.07.26

Start Time: 04:37:05

End Time:

10:24:14

Time On Btm: 2014.07.26 @ 06:37:00

Time Off Btm: 2014.07.26 @ 07:51:00

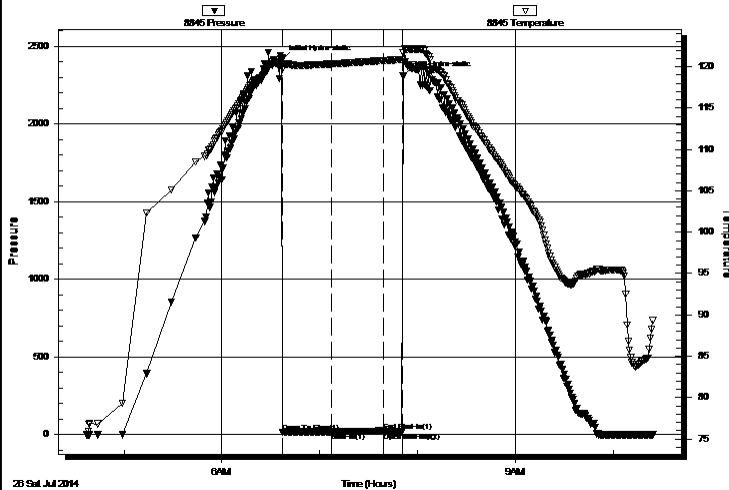
TEST COMMENT: IF: Weak Surface Blow died @ 8 min.

IS: No Return.

FF: No Blow.

FS: Pulled

Pressure vs. Time



PRESSURE SUMMARY

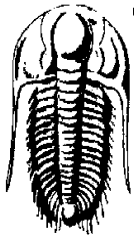
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2416.09         | 121.05       | Initial Hydro-static |
| 1           | 14.55           | 119.71       | Open To Flow (1)     |
| 30          | 15.93           | 120.34       | Shut-In(1)           |
| 62          | 22.67           | 120.75       | End Shut-In(1)       |
| 62          | 16.73           | 120.75       | Open To Flow (2)     |
| 74          | 15.60           | 120.89       | Shut-In(2)           |
| 74          | 2309.28         | 121.65       | Final Hydro-static   |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00        | Mud 100m    | 0.02         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

Gas Rates

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



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### FLUID SUMMARY

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**Tancayo #3-3**

Job Ticket: 59581

**DST#: 1**

Test Start: 2014.07.26 @ 04:37:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.79 in<sup>3</sup>

Resistivity: 0.00 ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 5.00         | Mud 100m    | 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:

Serial #: 8845

Inside

American Warrior, Inc.

Tancayo #3-3

DST Test Number: 1

