



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

8-18S-26W Ness, KS

3118 Cummings Rd
PO Box 399
Garden City, KS 67846
ATTN: Luke Thompson

Whipple C #4

Job Ticket: 60919

DST#: 3

Test Start: 2014.10.08 @ 13:25:51

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:21:21

Time Test Ended: 22:03:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Brannan Lonsdale

Unit No: 62

Interval: 4402.00 ft (KB) To 4474.00 ft (KB) (TVD)

Reference Elevations: 2521.00 ft (KB)

Total Depth: 4474.00 ft (KB) (TVD)

2511.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8655 Outside

Press@RunDepth: 209.14 psig @ 4403.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.08

End Date:

2014.10.08

Last Calib.:

2014.10.08

Start Time: 13:25:52

End Time:

22:03:21

Time On Btm:

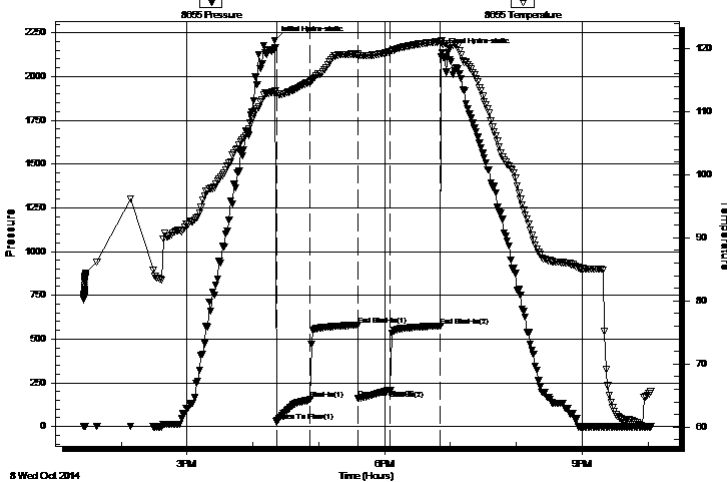
2014.10.08 @ 16:19:51

Time Off Btm:

2014.10.08 @ 18:52:21

TEST COMMENT: 30- IF- BOB 22mins
45- IS- Slowly built to .5"
30- FF- BOB 18mins
45- FS- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2206.73	113.11	Initial Hydro-static
2	27.48	112.82	Open To Flow (1)
33	155.37	114.66	Shut-In(1)
76	579.68	119.08	End Shut-In(1)
76	161.00	118.91	Open To Flow (2)
106	209.14	119.48	Shut-In(2)
151	575.12	121.09	End Shut-In(2)
153	2135.52	120.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	HOCM, 40%O 60%M	0.89
250.00	SOWM, 15%O 35%W 50%M	2.82
0.00	130' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 8.79 in³
Resistivity: ohm.m
Salinity: 2800.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	HOCM, 40%O 60%M	0.885
250.00	SOWM, 15%O 35%W 50%M	2.821
0.00	130' GIP	0.000

Total Length: 430.00 ft Total Volume: 3.706 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

