



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 3118 Cummings Rd
 Garden City, KS 67846
 ATTN: Kurt Talbott

26-11s-33w Logan, KS

Bertrand 2-26

Job Ticket: 55638

DST#: 3

Test Start: 2014.02.24 @ 22:07:37

GENERAL INFORMATION:

Formation: **K zone**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:20:07
 Time Test Ended: 05:19:07
 Interval: **4279.00 ft (KB) To 4310.00 ft (KB) (TVD)**
 Total Depth: 4310.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 3117.00 ft (KB)
 3109.00 ft (CF)
 KB to GR/CF: 8.00 ft

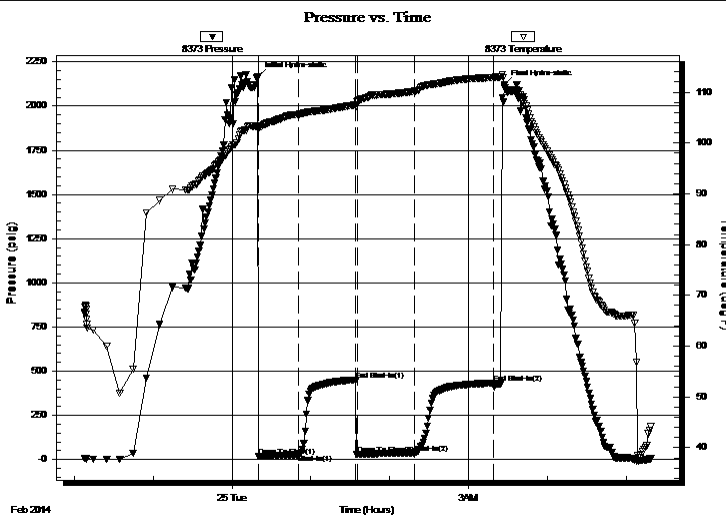
Serial #: 8373

Inside

Press @ Run Depth: 38.93 psig @ 4280.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.02.24 End Date: 2014.02.25 Last Calib.: 2014.02.25
 Start Time: 22:07:42 End Time: 05:19:06 Time On Btm: 2014.02.25 @ 00:19:37
 Time Off Btm: 2014.02.25 @ 03:27:07

TEST COMMENT: IF: Surface blow built to 1.
 IS: No return.
 FF: Surface blow built to 1.
 FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2165.10	103.32	Initial Hydro-static
1	19.48	102.76	Open To Flow (1)
31	27.40	105.54	Shut-In(1)
75	450.95	107.52	End Shut-In(1)
76	28.66	108.04	Open To Flow (2)
120	38.93	110.18	Shut-In(2)
180	433.94	112.91	End Shut-In(2)
188	2122.18	111.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	mud oil spots 100%m	0.63

Gas Rates

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

* Recovery from multiple tests



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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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	mud oil spots 100%m	0.631

Total Length: 45.00 ft Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

