

**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

American Warrior Inc.  
 PO Box 399  
 Garden City Ks. 67846  
 ATTN: Harley Sayles

**Ronald-Brian C#1-16**  
**16-21s-25w Hodgeman**  
 Job Ticket: 040018 DST#: 1  
 Test Start: 2010.10.30 @ 21:23:05

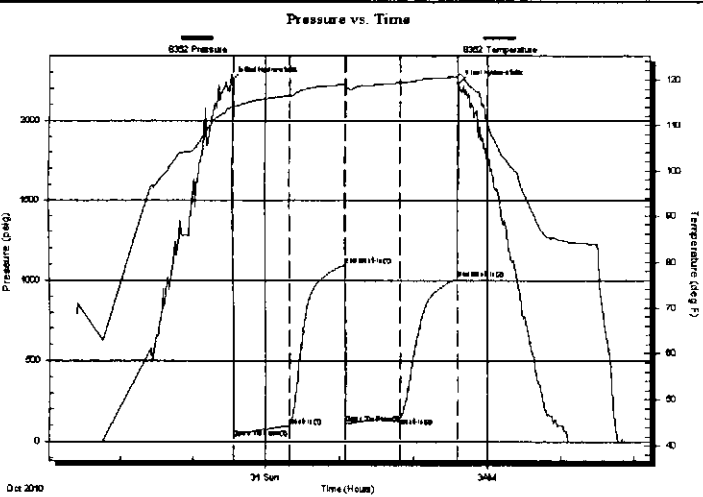
**GENERAL INFORMATION:**

Formation: **Miss**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 23:33:10  
 Time Test Ended: 04:51:29  
 Interval: **4391.00 ft (KB) To 4432.00 ft (KB) (TVD)**  
 Total Depth: **4432.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Andy Carreira**  
 Unit No: **31**  
 Reference Elevations: **2330.00 ft (KB)**  
**2319.00 ft (CF)**  
 KB to GR/CF: **11.00 ft**

**Serial #: 8352** **Outside**  
 Press@RunDepth: **147.98 psig @ 4396.00 ft (KB)**  
 Start Date: **2010.10.30** End Date: **2010.10.31** Capacity: **8000.00 psig**  
 Start Time: **21:23:05** End Time: **04:51:29** Last Calib.: **2010.10.31**  
 Time On Btm: **2010.10.30 @ 23:31:40**  
 Time Off Btm: **2010.10.31 @ 02:36:09**

TEST COMMENT: IF: BOB, 32 min.  
 IS: No Return  
 FF: 6 inchblow in 45 min.  
 FS: No Return

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**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2249.84	114.11	Initial Hydro-static
2	23.47	113.62	Open To Flow (1)
48	98.64	116.50	Shut-In(1)
93	1096.43	118.97	End Shut-In(1)
93	111.74	118.52	Open To Flow (2)
138	147.98	119.32	Shut-In(2)
184	1012.25	120.61	End Shut-In(2)
185	2232.00	121.16	Final Hydro-static

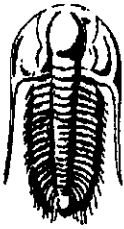
**Recovery**

Length (ft)	Description	Volume (bbl)
120.00	GOCM g=40% o=20% m=40%	0.59
195.00	GMCO g=30% m=30% o=40%	1.28
0.00	GIP=120ft	0.00

**Gas Rates**

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

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FLUID SUMMARY

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## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.80 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOCM g=40% o=20% m=40%	0.590
195.00	GMCOg=30% m=30% o=40%	1.278
0.00	GP=120ft	0.000

Total Length: 315.00 ft      Total Volume: 1.868 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

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