

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

P.O. Box 399
Garden City KS 67846

ATTN: Josh Austin

13-19s-10w Rice KS

Link-Bencke#1-13

Start Date: 2010.10.10 @ 08:28:22

End Date: 2010.10.10 @ 13:39:22

Job Ticket #: 38820 DST #: 1

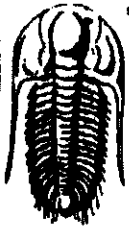
**KCC
DEC 22 2010
CONFIDENTIAL**

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

**RECEIVED
DEC 22 2010
KCC WICHITA**



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
P.O. Box 399
Garden City KS 67846
ATTN: Josh Austin

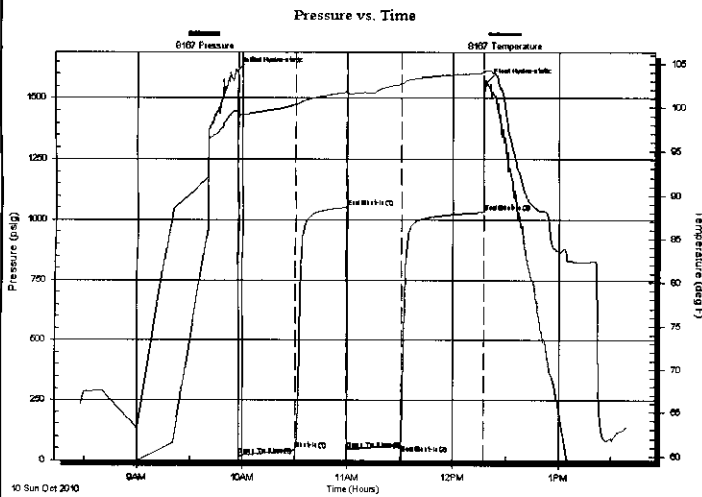
Link-Bencke#1-13
13-19s-10w Rice KS
Job Ticket: 38820 DST#: 1
Test Start: 2010.10.10 @ 08:28:22

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
Time Tool Opened: **09:57:52** Tester: **Gary Pevoteaux**
Time Test Ended: **13:39:22** Unit No: **39**
Interval: **3232.00 ft (KB) To 3280.00 ft (KB) (TVD)** Reference Elevations: **1757.00 ft (KB)**
Total Depth: **3280.00 ft (KB) (TVD)** **1749.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor** KB to GR/CF: **8.00 ft**

Serial #: 8167 Inside
Press@RunDepth: **41.77 psig @ 3233.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2010.10.10** End Date: **2010.10.10** Last Calib.: **2010.10.10**
Start Time: **08:28:27** End Time: **13:39:21** Time On Btm: **2010.10.10 @ 09:56:37**
Time Off Btm: **2010.10.10 @ 12:18:52**

TEST COMMENT: IF: Fair blow . Increase to 13 or 14".
IS: No blow .
FF: Weak blow . Slow increase to 5".
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1610.27	99.56	Initial Hydro-static
2	19.02	98.93	Open To Flow (1)
34	41.77	100.33	Shut-In(1)
63	1051.17	101.74	End Shut-In(1)
64	44.43	101.38	Open To Flow (2)
94	63.11	102.66	End Shut-In(2)
141	1030.99	103.93	End Shut-In(3)
143	1566.50	104.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	210 ft. of GIP	0.00
15.00	Clean oil	0.21
35.00	GOCVM 8%g 11%o 4%w 77%m	0.49
60.00	OCVM 9%o 8%w 83%m	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.
P.O. Box 399
Garden City KS 67846

ATTN: Josh Austin

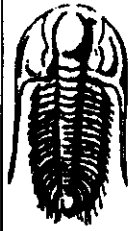
Link-Bencke#1-13
13-19s-10w Rice KS
Job Ticket: 38820 **DST#: 1**
Test Start: 2010.10.10 @ 08:28:22

Tool Information

Drill Pipe:	Length: 3217.00 ft	Diameter: 3.80 inches	Volume: 45.13 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 45.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 38500.00 lb
Depth to Top Packer:	3232.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3213.00	
Shut in tool	5.00			3218.00	
HMV	5.00			3223.00	
Packer	4.00			3227.00	20.00 Bottom Of Top Packer
Packer	5.00			3232.00	
Stubb	1.00			3233.00	
Recorder	0.00	8167	Inside	3233.00	
Recorder	0.00	8370	Outside	3233.00	
Perforations	7.00			3240.00	
Blank Spacing	32.00			3272.00	
Perforations	3.00			3275.00	
Bullnose	5.00			3280.00	48.00 Bottom Packers & Anchor
Total Tool Length:	68.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.
P.O. Box 399
Garden City KS 67846
ATTN: Josh Austin

Link-Bencke#1-13
13-19s-10w Rice KS
Job Ticket: 38820 DST#: 1
Test Start: 2010.10.10 @ 08:28:22

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39.1 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 5700 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.17 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 5700.00 ppm		
Filter Cake: 0.20 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	210 ft.of GIP	0.000
15.00	Clean oil	0.210
35.00	GOCVM 8%g 11%o 4%w 77%m	0.491
60.00	OCVM 9%o 8%w 83%m	0.842

Total Length: 110.00 ft Total Volume: 1.543 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

