



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

3118 Cummings RD
Garden City, KS 67846

ATTN: Kevin Timson

Congdon #7-28

28-23s-32w-Finney,KS

Start Date: 2014.03.09 @ 07:47:00

End Date: 2014.03.09 @ 18:23:00

Job Ticket #: 55724 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.03.15 @ 11:31:11



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc.
 3118 Cummings RD
 Garden City, KS 67846
 ATTN: Kevin Timson

28-23s-32w-Finney,KS

Congdon #7-28

Job Ticket: 55724

DST#: 1

Test Start: 2014.03.09 @ 07:47:00

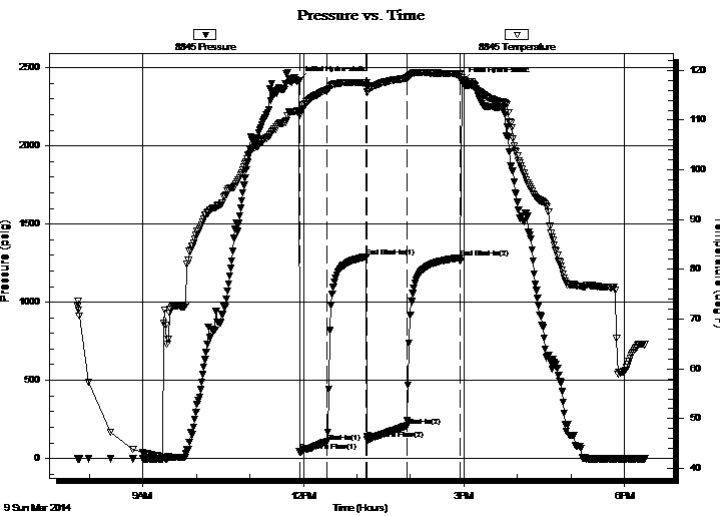
GENERAL INFORMATION:

Formation: **St. Louis**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:55:30
 Time Test Ended: 18:23:00
 Interval: **4770.00 ft (KB) To 4786.00 ft (KB) (TVD)**
 Total Depth: 4786.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Cornelio Landa III
 Unit No: 71
 Reference Elevations: 2852.00 ft (KB)
 2841.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8845 Outside

Press@RunDepth: 208.56 psig @ 4771.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.03.09 End Date: 2014.03.09 Last Calib.: 2014.03.09
 Start Time: 07:47:05 End Time: 18:23:00 Time On Btm: 2014.03.09 @ 11:55:15
 Time Off Btm: 2014.03.09 @ 14:57:15

TEST COMMENT: IF: B.o.b. in 2 1/2 min.
 IS: Bled off in 4 min.-Surface blow back-Built to B.o.b. in 10 min.
 FF: B.o.b. Immediately
 FS: Bled off in 4 min.- Surface blow back-Built to B.o.b. in 15 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2414.82	111.76	Initial Hydro-static
1	42.85	110.86	Open To Flow (1)
32	106.68	116.07	Shut-In(1)
76	1290.10	117.44	End Shut-In(1)
77	120.12	115.66	Open To Flow (2)
121	208.56	118.47	Shut-In(2)
181	1285.08	119.20	End Shut-In(2)
182	2409.52	118.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	W & Ocm & G 20w 20o 30m 30g	0.15
63.00	Cgo 10g 90o	0.88
441.00	Cgo 50g 50o	6.19
0.00	GIP=1070	0.00

Gas Rates

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



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Job Ticket: 55724

DST#: 1

Test Start: 2014.03.09 @ 07:47:00

GENERAL INFORMATION:

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Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:55:30

Time Test Ended: 18:23:00

Interval: **4770.00 ft (KB) To 4786.00 ft (KB) (TVD)**

Total Depth: 4786.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III

Unit No: 71

Reference Elevations: 2852.00 ft (KB)

2841.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6772 Outside

Press@RunDepth: psig @ 4771.00 ft (KB)

Start Date: 2014.03.09

End Date: 2014.03.09

Start Time: 07:47:05

End Time: 18:23:00

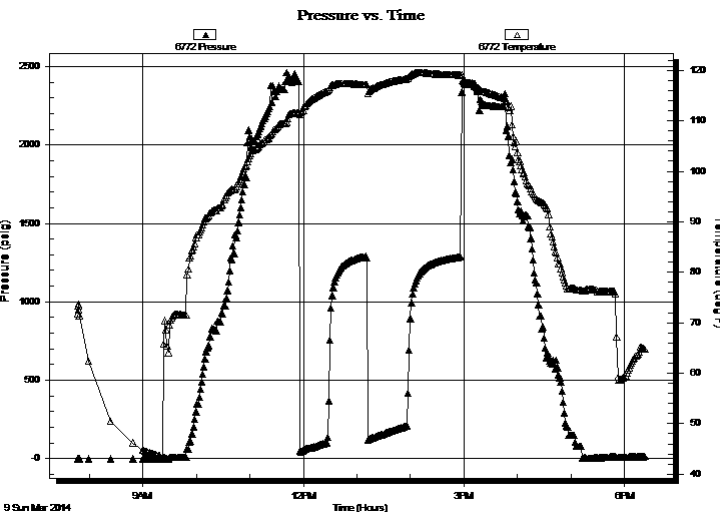
Capacity: 8000.00 psig

Last Calib.: 2014.03.09

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: B.o.b. in 2 1/2 min.
 IS: Bled off in 4 min.-Surface blow back-Built to B.o.b. in 10 min.
 FF: B.o.b. Immediately
 FS: Bled off in 4 min.- Surface blow back-Built to B.o.b. in 15 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
31.00	W & Ocm & G 20w 20o 30m 30g	0.15
63.00	Cgo 10g 90o	0.88
441.00	Cgo 50g 50o	6.19
0.00	GIP=1070	0.00

Gas Rates

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



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TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

28-23s-32w-Finney,KS

3118 Cummings RD
Garden City, KS 67846

Congdon #7-28

Job Ticket: 55724

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.03.09 @ 07:47:00

Tool Information

Drill Pipe:	Length: 4736.00 ft	Diameter: 3.80 inches	Volume: 66.43 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 10000.00 lb
			<u>Total Volume: 66.58 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4770.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	43.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4744.00	
Shut In Tool	5.00			4749.00	
Hydraulic tool	5.00			4754.00	
Jars	5.00			4759.00	
Safety Joint	2.00			4761.00	
Packer	5.00			4766.00	27.00 Bottom Of Top Packer
Packer	4.00			4770.00	
Stubb	1.00			4771.00	
Recorder	0.00	6772	Outside	4771.00	
Recorder	0.00	8845	Outside	4771.00	
Perforations	10.00			4781.00	
Bullnose	5.00			4786.00	16.00 Bottom Packers & Anchor

Total Tool Length: 43.00



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FLUID SUMMARY

American Warrior Inc.

28-23s-32w-Finney,KS

3118 Cummings RD
Garden City, KS 67846

Congdon #7-28

Job Ticket: 55724

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.03.09 @ 07:47:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

55000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	W & Ocm & G 20w 20o 30m 30g	0.152
63.00	Cgo 10g 90o	0.884
441.00	Cgo 50g 50o	6.186
0.00	GIP=1070	0.000

Total Length: 535.00 ft Total Volume: 7.222 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

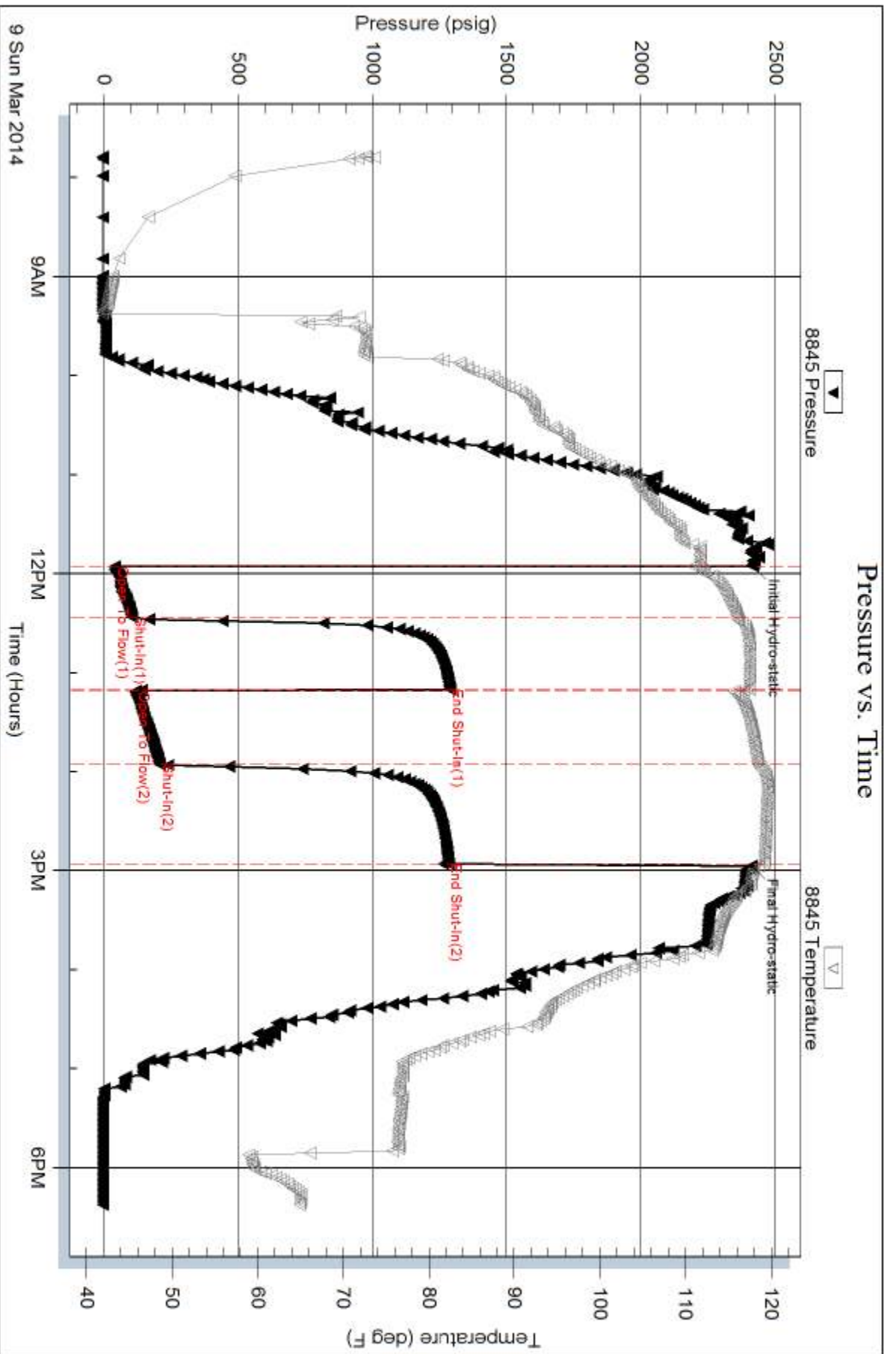
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .135@ 71=55000 ppm

Gravity=31@80=29

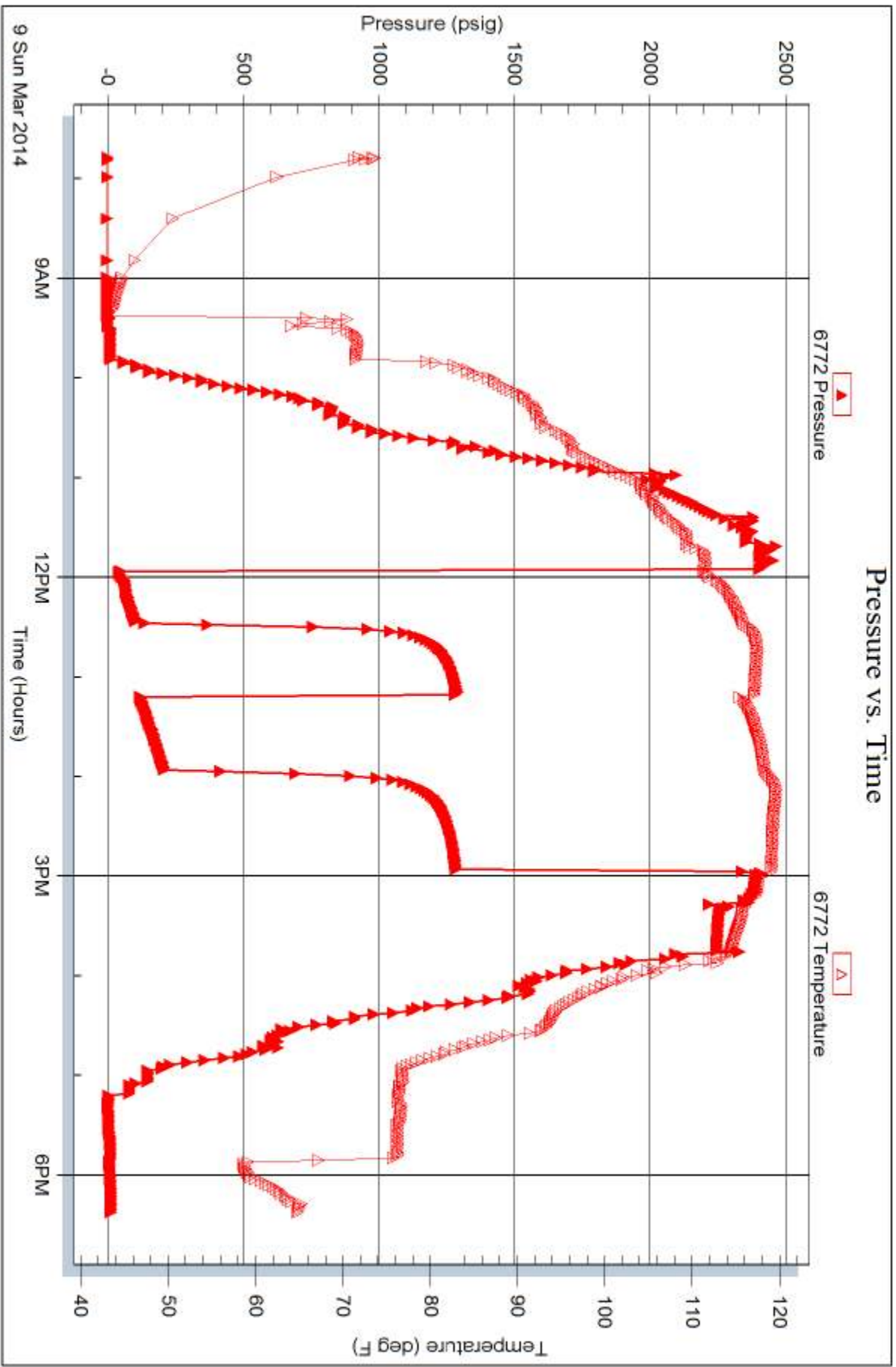


Serial #: 6772

Outside American Warrior Inc.

Congdon #7-28

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 55724

Printed: 2014.03.15 @ 11:31:13



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 55724

Well Name & No. Congdon # 7-28 Test No. 1 Date 3-9-14
 Company American Warrior Inc. Elevation 2852 KB 2846 GL
 Address 3118 Cummings RD - Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke # 10
 Location: Sec. 28 Twp. 23-S Rge. 32-W Co. Finney State KS

Interval Tested 4770-4786 Zone Tested St. Louis
 Anchor Length 16' Drill Pipe Run 4736' Mud Wt. 9.6
 Top Packer Depth 4766 Drill Collars Run 31' Vis 43
 Bottom Packer Depth 4770 Wt. Pipe Run Ø WL 6.4
 Total Depth 4786 Chlorides 2000 ppm System LCM #1

Blow Description IF: B.o.b. in 2 1/2 min.
ISI: Bled off in 4 min. - Surface blowback - Built to B.o.b. in 10 min.
FF: B.o.b. Immediately
FSE: Bled off in 4 min. - Surface blowback - Built to B.o.b. in 15 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>W & OCM & G</u>	<u>30</u>	<u>20</u>	<u>20</u>	<u>30</u>
<u>63</u>	<u>C&O</u>	<u>10</u>	<u>90</u>		
<u>441</u>	<u>C&O</u>	<u>50</u>	<u>50</u>		
	<u>GIP 1070</u>				

Rec Total 535 BHT 119 Gravity 29 API RW .135 @ 71 °F Chlorides 55000 ppm

(A) Initial Hydrostatic 2415 Test 1250 T-On Location 05:30
 (B) First Initial Flow 43 Jars 250 T-Started 07:47
 (C) First Final Flow 107 Safety Joint 75 T-Open 11:55
 (D) Initial Shut-In 1290 Circ Sub NIC T-Pulled 14:55
 (E) Second Initial Flow 120 Hourly Standby 1hr Hoby 100 T-Out 18:23
 (F) Second Final Flow 209 Mileage 74-RT 114.70
 (G) Final Shut-In 1285 Sampler
 (H) Final Hydrostatic 2410 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 1789.70 MP/DST Disc't

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.