



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Neeley #8 Twin

33-23s-32w Finney,KS

Start Date: 2014.01.05 @ 11:47:00

End Date: 2014.01.05 @ 21:00:00

Job Ticket #: 54560 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.01.08 @ 10:52:42



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

33-23s-32w Finney,KS

Neeley #8 Twin

Job Ticket: 54560 **DST#: 1**
Test Start: 2014.01.05 @ 11:47:00

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 14:10:00
Time Test Ended: 21:00:00
Interval: **4662.00 ft (KB) To 4720.00 ft (KB) (TVD)**
Total Depth: 4720.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Cornelio Landa III
Unit No: 60
Reference Elevations: 2845.00 ft (KB)
2834.00 ft (CF)
KB to GR/CF: 11.00 ft

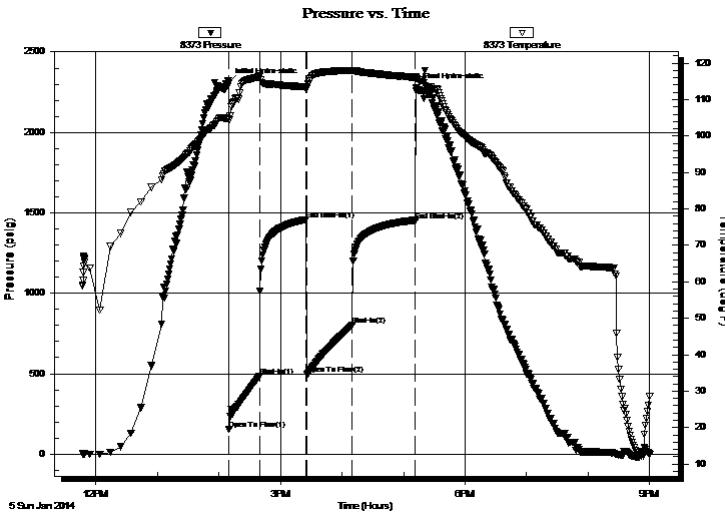
Serial #: 8373

Inside

Press@RunDepth: 804.42 psig @ 4667.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.05 End Date: 2014.01.05 Last Calib.: 2014.01.05
Start Time: 11:47:05 End Time: 21:00:00 Time On Btm: 2014.01.05 @ 14:09:30
Time Off Btm: 2014.01.05 @ 17:12:30

TEST COMMENT: IF: BOB in 3 min.
IS: Bled off in 2 min.-No return
FF: BOB in 3 min.
FS: Bled off in 2 min.-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.84	104.79	Initial Hydro-static
1	153.84	104.32	Open To Flow (1)
30	485.23	116.24	Shut-In(1)
76	1458.07	113.45	End Shut-In(1)
76	494.63	113.16	Open To Flow (2)
121	804.42	117.94	Shut-In(2)
182	1451.60	116.06	End Shut-In(2)
183	2276.20	115.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
612.00	Mw 10m 90w	6.40
558.00	Mw 50m 50w	7.83
372.00	Ocmw 10o 10m 80w	5.22
186.00	Ocmw 30o 30m 40w	2.61
1.00	Co 100o	0.01

Gas Rates

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



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American Warrior Inc.
PO Box 399
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ATTN: Kevin Timson

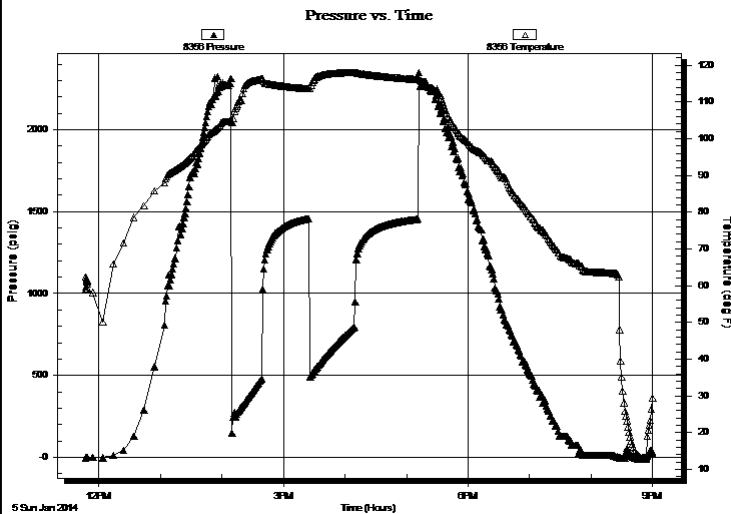
33-23s-32w Finney,KS
Neeley #8 Twin
Job Ticket: 54560 **DST#: 1**
Test Start: 2014.01.05 @ 11:47:00

GENERAL INFORMATION:

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Time Test Ended: 21:00:00
Interval: **4662.00 ft (KB) To 4720.00 ft (KB) (TVD)**
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Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Cornelio Landa III
Unit No: 60
Reference Elevations: 2845.00 ft (KB)
2834.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8356 Outside
Press@RunDepth: psig @ 4667.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.01.05 End Date: 2014.01.05 Last Calib.: 2014.01.05
Start Time: 11:47:05 End Time: 21:00:00 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB in 3 min.
IS: Bled off in 2 min.-No return
FF: BOB in 3 min.
FS: Bled off in 2 min.-No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
612.00	Mw 10m 90w	6.40
558.00	Mw 50m 50w	7.83
372.00	Ocmw 10o 10m 80w	5.22
186.00	Ocmw 30o 30m 40w	2.61
1.00	Co 100o	0.01

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.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

33-23s-32w Finney, KS
Neeley #8 Twin
Job Ticket: 54560 **DST#: 1**
Test Start: 2014.01.05 @ 11:47:00

Tool Information

Drill Pipe:	Length: 4428.00 ft	Diameter: 3.80 inches	Volume: 62.11 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: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 63.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4662.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	85.00 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			4636.00	
Shut In Tool	5.00			4641.00	
Hydraulic tool	5.00			4646.00	
Jars	5.00			4651.00	
Safety Joint	2.00			4653.00	
Packer	5.00			4658.00	27.00 Bottom Of Top Packer
Packer	4.00			4662.00	
Stubb	1.00			4663.00	
Perforations	4.00			4667.00	
Recorder	0.00	8373	Inside	4667.00	
Recorder	0.00	8356	Outside	4667.00	
Perforations	15.00			4682.00	
Change Over Sub	1.00			4683.00	
Drill Pipe	31.00			4714.00	
Change Over Sub	1.00			4715.00	
Bullnose	5.00			4720.00	58.00 Bottom Packers & Anchor
Total Tool Length:	85.00				



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FLUID SUMMARY

American Warrior Inc.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

33-23s-32w Finney,KS
Neeley #8 Twin
Job Ticket: 54560 **DST#: 1**
Test Start: 2014.01.05 @ 11:47:00

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:	76000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.96 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
612.00	Mw 10m 90w	6.398
558.00	Mw 50m 50w	7.827
372.00	Ocmw 10o 10m 80w	5.218
186.00	Ocmw 30o 30m 40w	2.609
1.00	Co 100o	0.014

Total Length: 1729.00 ft Total Volume: 22.066 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW.35@20=76,000ppm

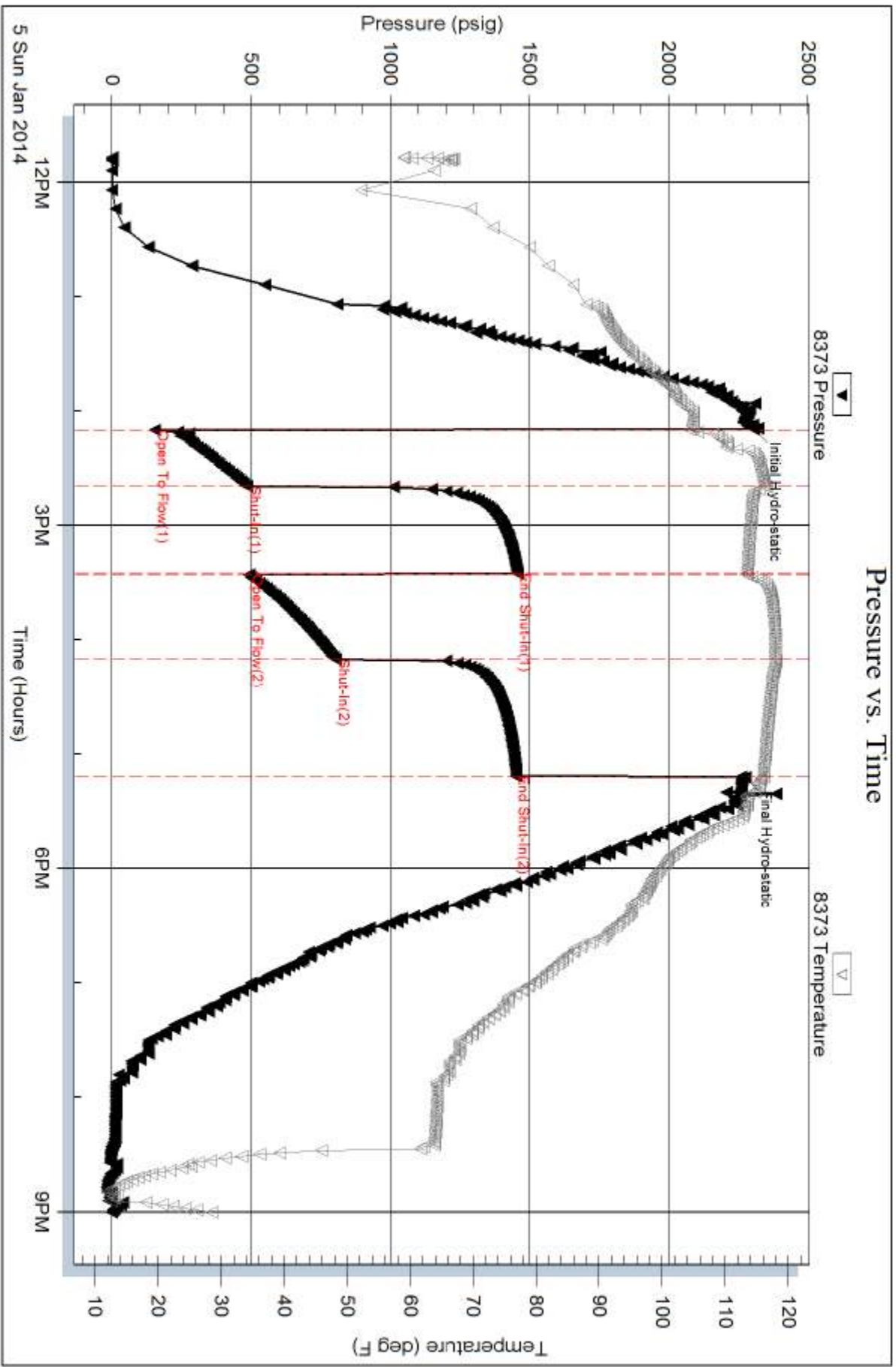
Serial #: 8373

Inside

American Warrior Inc.

Neeley #8 Tw in

DST Test Number: 1

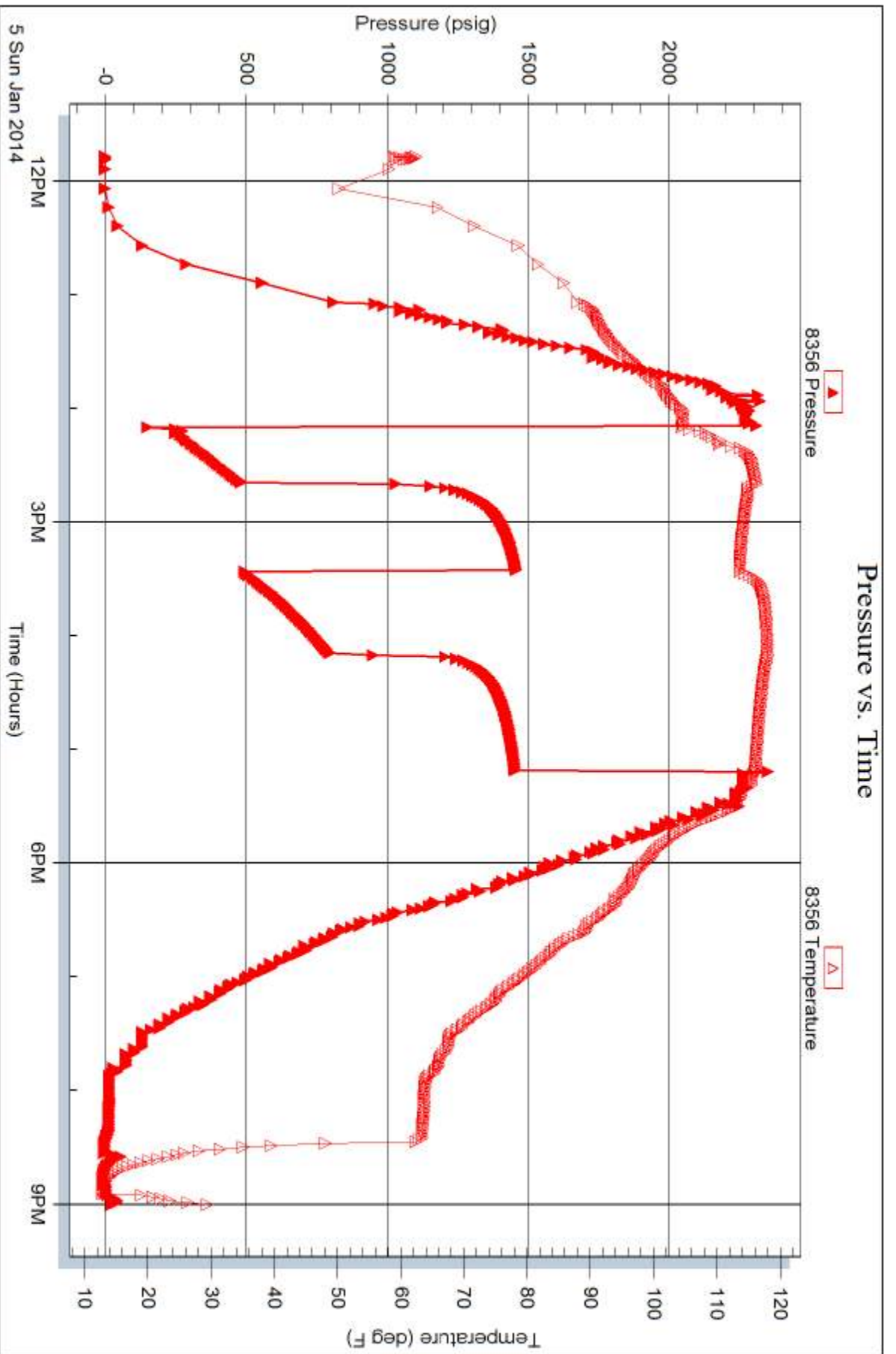


Serial #: 8356

Outside American Warrior Inc.

Neeley #8 Tw in

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 54560

Printed: 2014.01.08 @ 10:52:44



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54560

Well Name & No. NEELEY #8 Twin Test No. 1 Date 1-5-14
 Company American Warrior Inc. Elevation 2845 KB 2834 GL
 Address 3118 Cummings Rd - Garden City, KS 67846
 Co. Rep / Geo. Kevin Tinson Rig Duke #5
 Location: Sec. 33 Twp. 23-S Rge. 32W Co. Finney State KS

Interval Tested 4662-4720 Zone Tested Morrow
 Anchor Length 58' Drill Pipe Run 4428 Mud Wt. 9.3
 Top Packer Depth 4658 Drill Collars Run 240 Vis 51
 Bottom Packer Depth 4662 Wt. Pipe Run Ø WL 810
 Total Depth 4720 Chlorides 2900 ppm System LCM #2

Blow Description IF: Bob in 3min.
ISI Bleed off in 2min. - No Return
FF Bob in 3min.
FSI: Bleed off in 2min. - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>612</u>	<u>MW</u>			<u>90</u>	<u>10</u>
<u>5588</u>	<u>MW</u>			<u>50</u>	<u>50</u>
<u>372</u>	<u>Ømw</u>	<u>10</u>		<u>80</u>	<u>10</u>
<u>186</u>	<u>Ømw</u>	<u>30</u>		<u>40</u>	<u>30</u>
<u>1</u>	<u>clean oil</u>	<u>100</u>			

Rec Total ~~1729~~ 1729 BHT 115 Gravity — API RW .35 @ 20 °F Chlorides 26000 ppm

(A) Initial Hydrostatic 2306 Test 1250 T-On Location ~~10:45~~ 10:45
 (B) First Initial Flow 153 Jars 250 T-Started 11:47
 (C) First Final Flow 485 Safety Joint 75 T-Open 14:10
 (D) Initial Shut-In 1458 Circ Sub N/C T-Pulled 17:10
 (E) Second Initial Flow 494 Hourly Standby ~~10:45~~ T-Out 21:00
 (F) Second Final Flow 804 Mileage 82 R-T 127.10
 (G) Final Shut-In 1451 Sampler _____
 (H) Final Hydrostatic 2276 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 30 Extra Recorder _____
 Initial Shut-In 45 Day Standby _____
 Final Flow 45 Accessibility _____
 Final Shut-In 60 Sub Total 1702.10
 Sub Total 1702.10

Approved By _____ Our Representative Chadman

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