

DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 66846

ATTN: Jason Alm

Meyers-Freda Unit #1

21-19s-21w Ness,KS

Start Date: 2012.10.27 @ 06:10:00

End Date: 2012.10.27 @ 11:34:00

Job Ticket #: 48914 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.31 @ 09:37:17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

21-19s-21w Ness, KS

PO Box 399
Garden City, KS 66846

Meyers-Freda Unit #1

Job Ticket: 48914

DST#: 1

ATTN: Jason Alm

Test Start: 2012.10.27 @ 06:10:00

Tool Information

Drill Pipe:	Length: 4121.93 ft	Diameter: 3.80 inches	Volume: 57.82 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: 30000.00 lb
Drill Collar:	Length: 123.93 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 58.43 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.36 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4260.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	47.50 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			4233.50	
Shut In Tool	5.00			4238.50	
Hydraulic tool	5.00			4243.50	
Jars	5.00			4248.50	
Safety Joint	2.50			4251.00	
Packer	5.00			4256.00	27.50 Bottom Of Top Packer
Packer	4.00			4260.00	
Stubb	1.00			4261.00	
Recorder	0.00	8675	Inside	4261.00	
Recorder	0.00	8650	Outside	4261.00	
Perforations	16.00			4277.00	
Change Over Sub	0.00			4277.00	
Drill Pipe	0.00			4277.00	
Change Over Sub	0.00			4277.00	
Bullnose	3.00			4280.00	20.00 Bottom Packers & Anchor

Total Tool Length: 47.50



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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

21-19s-21w Ness, KS

PO Box 399
Garden City, KS 66846

Meyers-Freda Unit #1

Job Ticket: 48914

DST#: 1

ATTN: Jason Alm

Test Start: 2012.10.27 @ 06:10:00

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: ppm

Viscosity: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 2900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
380.00	mcw 10%M 90%W	4.201
140.00	mcw 50%M 50%W	1.964

Total Length: 520.00 ft Total Volume: 6.165 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .80 @ 45 F = 15,000

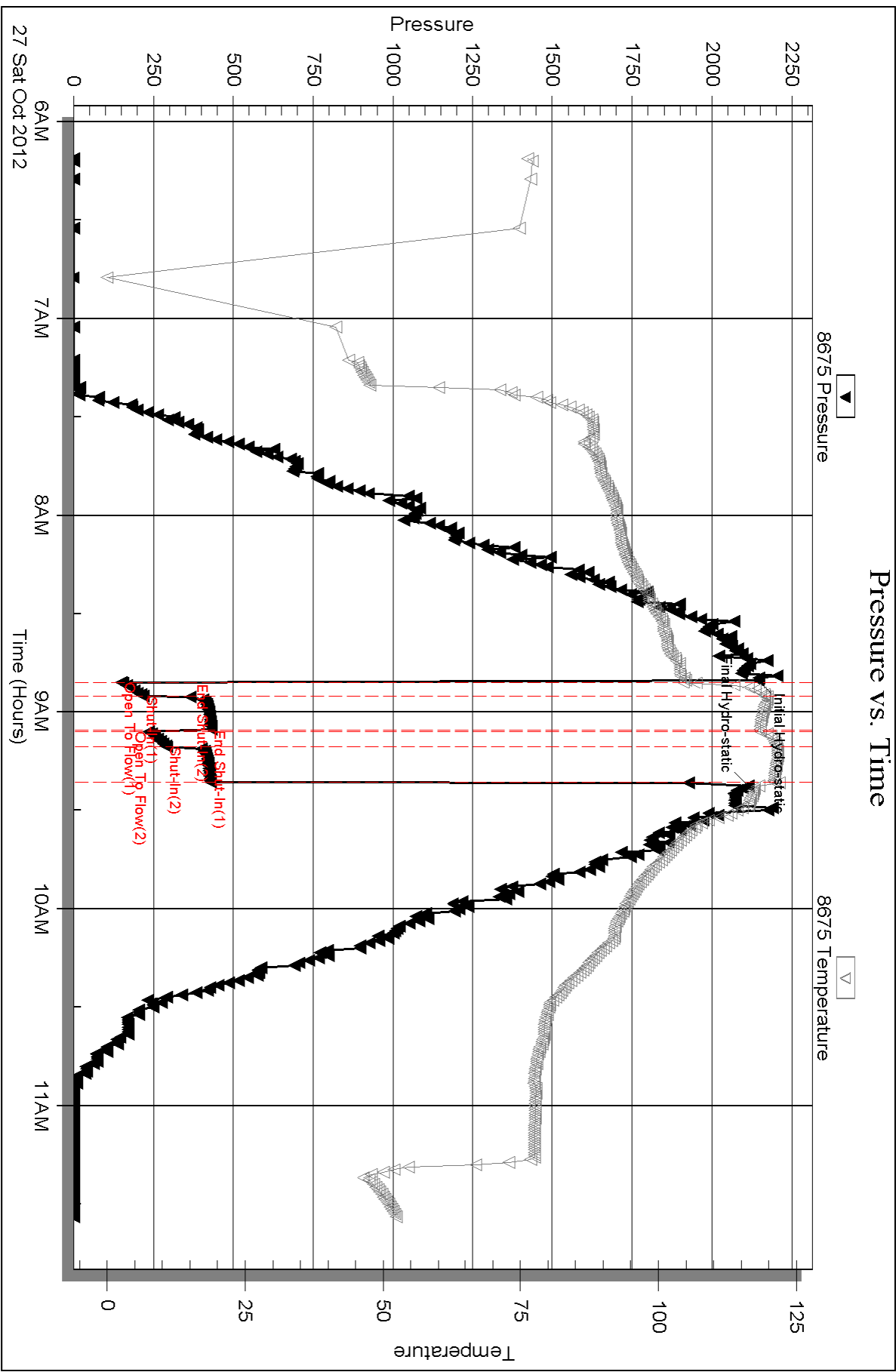
Serial #: 8675

Inside

American Warrior, Inc.

Meyers-Freda Unit #1

DST Test Number: 1

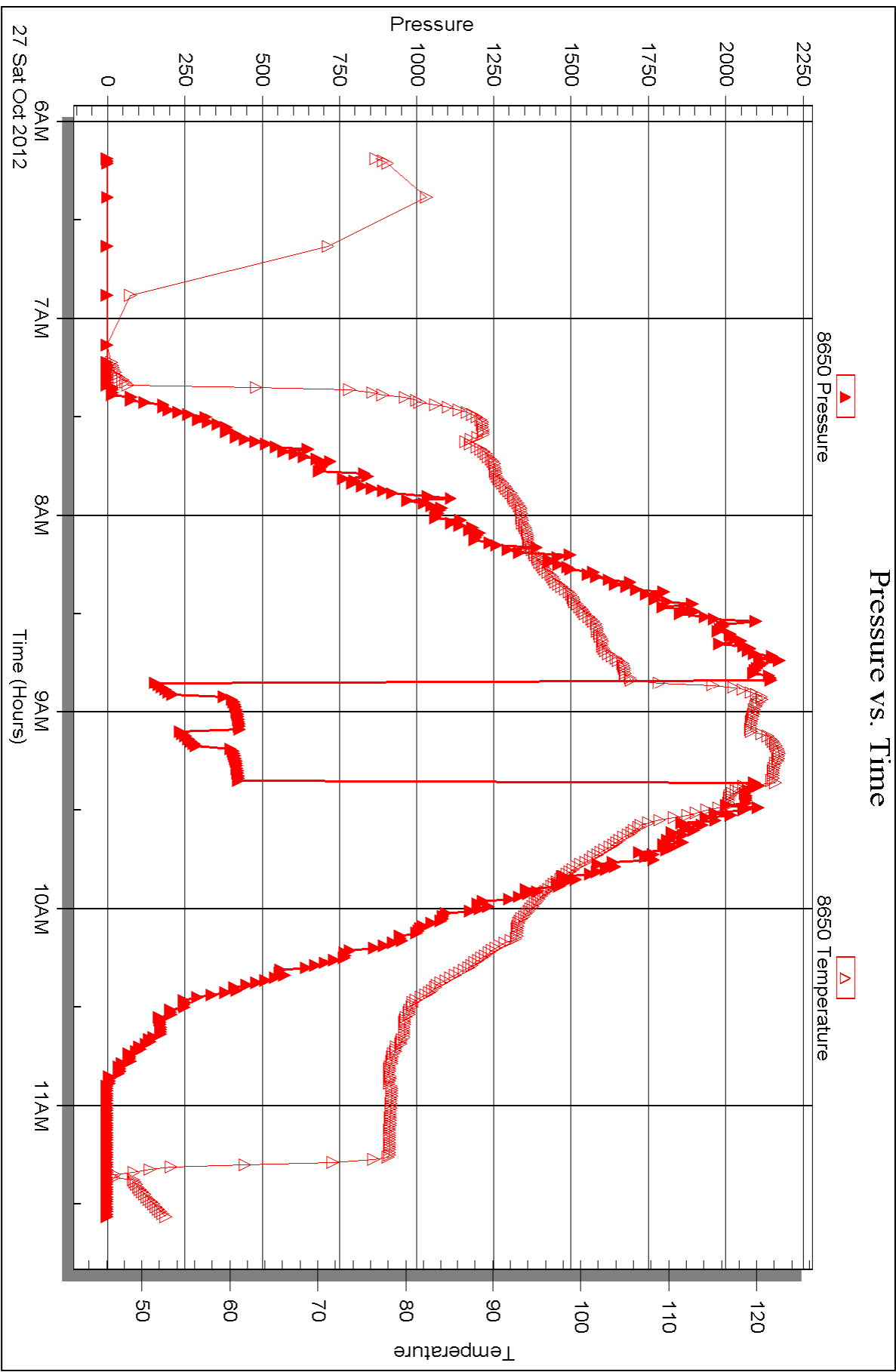


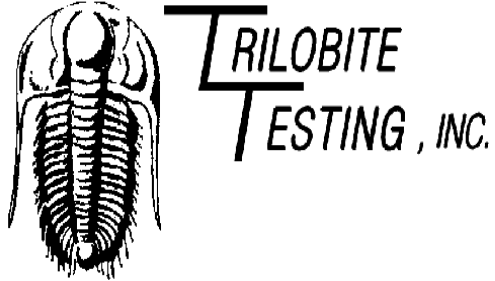
Serial #: 8650

Outside American Warrior, Inc.

Meyers-Freda Unit #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 66846

ATTN: Jason Alm

Meyers-Freda Unit #1

21-19s-21w Ness,KS

Start Date: 2012.10.27 @ 21:25:00

End Date: 2012.10.28 @ 05:00:45

Job Ticket #: 48915 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.31 @ 09:35:02

American Warrior, Inc.

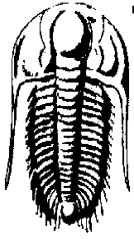
21-19s-21w Ness,KS

Meyers-Freda Unit #1

DST # 2

Basil Cherokee Sand

2012.10.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc.
PO Box 399
Garden City, KS 66846
ATTN: Jason Alm

21-19s-21w Ness, KS
Meyers-Freda Unit #1
Job Ticket: 48915 **DST#: 2**
Test Start: 2012.10.27 @ 21:25:00

GENERAL INFORMATION:

Formation: **Basil Cherokee Sand**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 23:43:45 Tester: Jace McKinney
Time Test Ended: 05:00:45 Unit No: 46
Interval: 4301.00 ft (KB) To 4360.00 ft (KB) (TVD) Reference Elevations: 2246.00 ft (KB)
Total Depth: 4360.00 ft (KB) (TVD) 2240.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

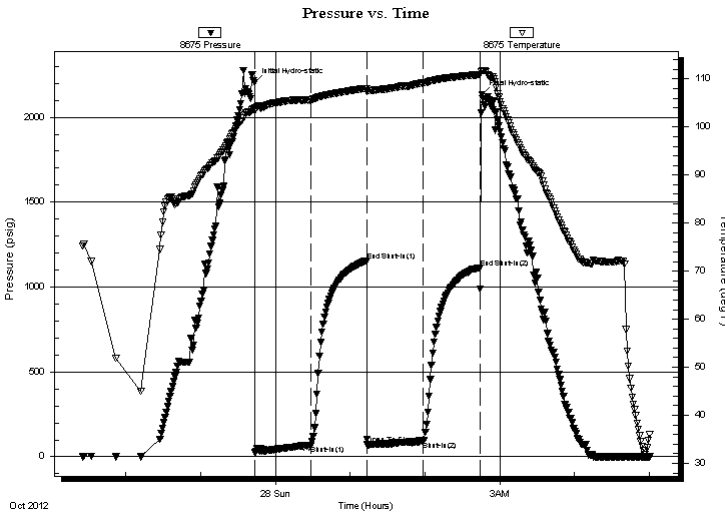
Serial #: 8675

Inside

Press @ Run Depth: 92.75 psig @ 4302.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.10.27 End Date: 2012.10.28 Last Calib.: 2012.10.28
Start Time: 21:25:15 End Time: 05:00:45 Time On Btm: 2012.10.27 @ 23:43:15
Time Off Btm: 2012.10.28 @ 02:45:45

TEST COMMENT: Built to 8" blow
No return blow
Built to 7" blow
No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2204.38	103.96	Initial Hydro-static
1	26.93	103.35	Open To Flow (1)
46	65.85	105.68	Shut-In(1)
90	1154.87	108.06	End Shut-In(1)
91	72.09	107.61	Open To Flow (2)
136	92.75	109.17	Shut-In(2)
181	1111.58	110.93	End Shut-In(2)
183	2133.83	111.73	Final Hydro-static

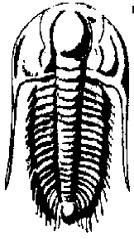
Recovery

Length (ft)	Description	Volume (bbl)
100.00	mco 35%M 65%O	0.49
50.00	gco Clean Oil 5%G 95%O	0.48
0.00	215 FeeT Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

21-19s-21w Ness, KS

PO Box 399
Garden City, KS 66846

Meyers-Freda Unit #1

Job Ticket: 48915

DST#: 2

ATTN: Jason Alm

Test Start: 2012.10.27 @ 21:25:00

Tool Information

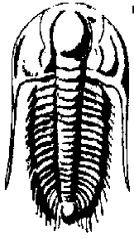
Drill Pipe:	Length: 4153.67 ft	Diameter: 3.80 inches	Volume: 58.27 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.93 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.88 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.10 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4301.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	86.50 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			4274.50	
Shut In Tool	5.00			4279.50	
Hydraulic tool	5.00			4284.50	
Jars	5.00			4289.50	
Safety Joint	2.50			4292.00	
Packer	5.00			4297.00	27.50 Bottom Of Top Packer
Packer	4.00			4301.00	
Stubb	1.00			4302.00	
Recorder	0.00	8675	Inside	4302.00	
Recorder	0.00	8650	Outside	4302.00	
Perforations	22.00			4324.00	
Change Over Sub	1.00			4325.00	
Drill Pipe	31.00			4356.00	
Change Over Sub	1.00			4357.00	
Bullnose	3.00			4360.00	59.00 Bottom Packers & Anchor

Total Tool Length: 86.50



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

21-19s-21w Ness, KS

PO Box 399
Garden City, KS 66846

Meyers-Freda Unit #1

Job Ticket: 48915 **DST#: 2**

ATTN: Jason Alm

Test Start: 2012.10.27 @ 21:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 42 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

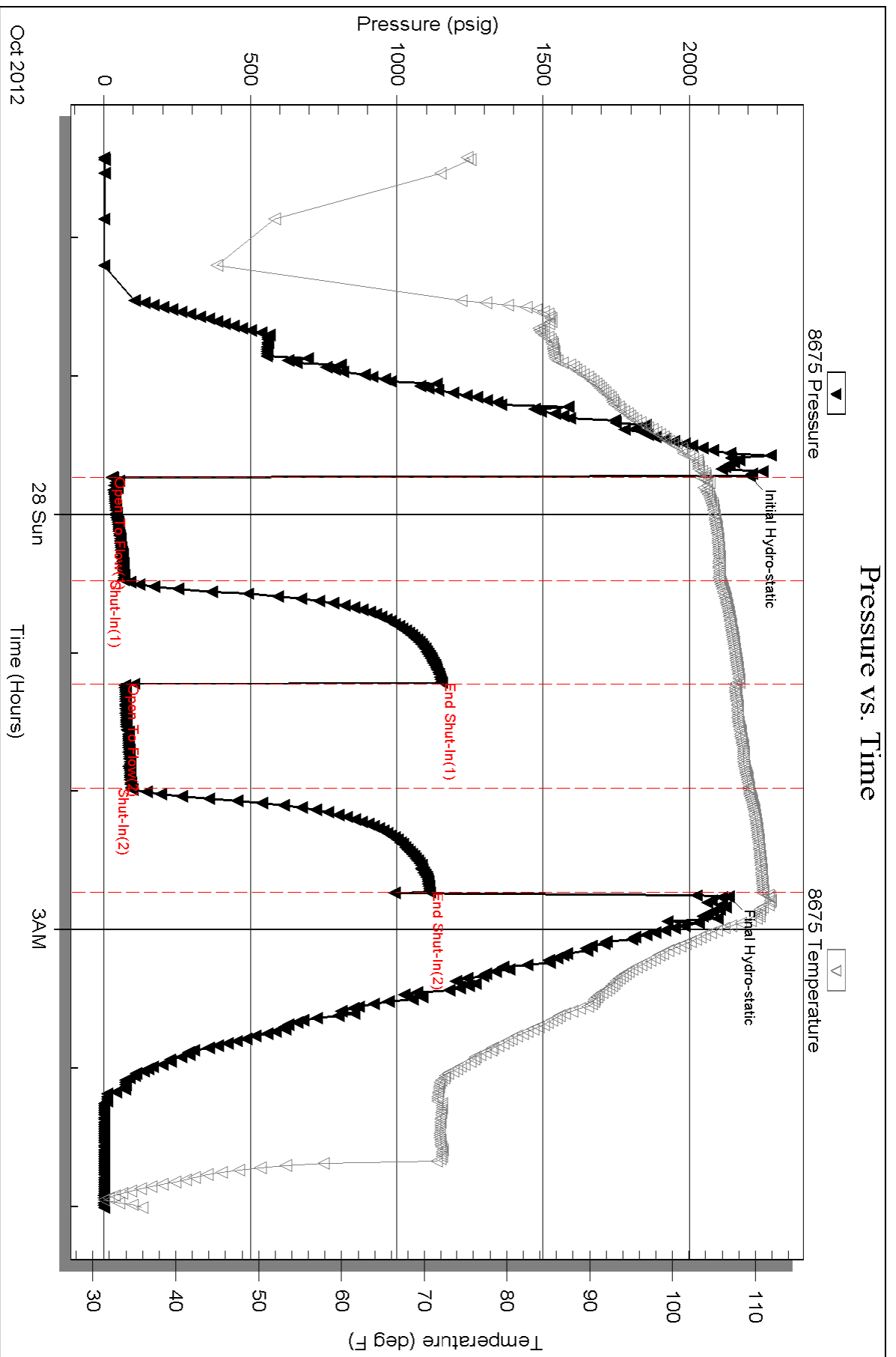
Length ft	Description	Volume bbl
100.00	mco 35%M 65%O	0.492
50.00	gco Clean Oil 5%G 95%O	0.483
0.00	215 FeeT Gas In Pipe	0.000

Total Length: 150.00 ft Total Volume: 0.975 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 38 @ 20 F = 42

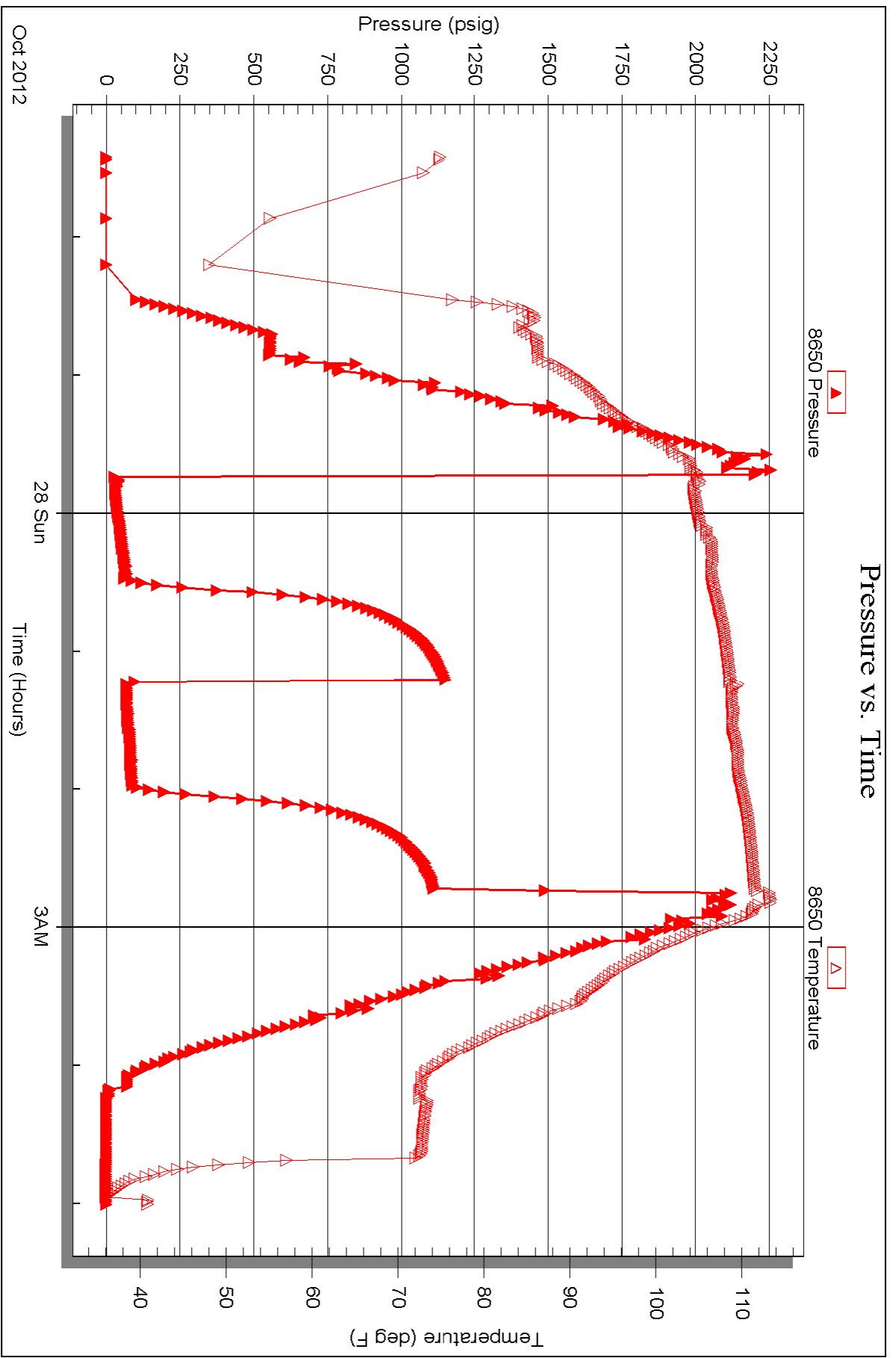


Serial #: 8650

Outside American Warrior, Inc.

Meyers-Freda Unit #1

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48914

Well Name & No. Meyer - Freda Unit # 1 Test No. 1 Date 10/27/12
 Company American Warrior, Inc. Elevation ~~4240~~ 2246 KB ~~4240~~ 2240 GL
 Address 3118 Cummings Rd, PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark Rig 1
 Location: Sec. 21 Twp. 19S Rge. 21W Co. Ness State KS

Interval Tested 4260 - 4280 Zone Tested Cherokee Sand
 Anchor Length 20 Drill Pipe Run 4121.93 Mud Wt. 9.2
 Top Packer Depth 4256 Drill Collars Run 123.93 Vis 50
 Bottom Packer Depth 4260 Wt. Pipe Run _____ WL 8.4
 Total Depth 4280 Chlorides 2,900 ppm System LCM Nil

Blow Description B.O.B. in 1 1/2 min
Bled off for 3 mins weak surface return below.
B.O.B. in 2 1/2 min.
Bled off for 3 mins weak surface return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>140</u>	<u>mcw</u>			<u>50%</u>	<u>50%</u>
<u>380</u>	<u>mcw</u>			<u>90%</u>	<u>10%</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

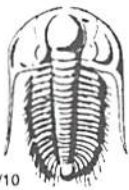
Rec Total 520 BHT _____ Gravity _____ API RW .80 @ 45 ° F Chlorides 15,000 ppm

(A) Initial Hydrostatic <u>2,143</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>5:00</u>
(B) First Initial Flow <u>150</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>6:10</u>
(C) First Final Flow <u>218</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>8:50</u>
(D) Initial Shut-In <u>431</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>9:20</u>
(E) Second Initial Flow <u>236</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>11:34</u>
(F) Second Final Flow <u>292</u>	<input checked="" type="checkbox"/> Mileage <u>152 AT</u> 106rt 164.30	Comments _____
(G) Final Shut-In <u>428</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2,113</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____

Initial Open 5
 Initial Shut-In 10
 Final Flow 5
 Final Shut-In 10

Sub Total 1739.30
 Total 1739.30
 MP/DST Disc't _____

Approved By Not in location 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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48915

Well Name & No. Meyer-Freda Unit # 1 Test No. 2 Date 10/22/12 10/28/12
 Company American Warrior, Inc. Elevation 2246 KB 2240 GL
 Address 3118 Cummings Rd, PO Box 399 Garden City, KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark Rig 1
 Location: Sec. 21 Twp. 19S Rge. 21W Co. Ness State KS

Interval Tested 4301 - 4360 Zone Tested Basil Cherokee Sand
 Anchor Length 59 Drill Pipe Run 4153.67 Mud Wt. 9.3
 Top Packer Depth 4297 Drill Collars Run 123.93 Vis 50
 Bottom Packer Depth 4301 Wt. Pipe Run _____ WL 8.0
 Total Depth 4360 Chlorides 3,000 ppm System LCM Nil

Blow Description Built to 8" below
No return below
Built to 7" below
No return below

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>215 Feet Gas In Pipe</u>				
<u>50</u>	<u>600 Clean out</u>	<u>5</u>	<u>95</u>		
<u>100</u>	<u>MCO</u>		<u>65</u>		<u>35</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 150 BHT 110 Gravity 42 API RW _____ @ _____ ° F Chlorides _____ ppm
 (A) Initial Hydrostatic 2,204 Test 1250 T-On Location 20:00
 (B) First Initial Flow 27 Jars 250 T-Started 21:25
 (C) First Final Flow 66 Safety Joint 75 T-Open 23:45
 (D) Initial Shut-In 1,155 Circ Sub N/C T-Pulled 2:45
 (E) Second Initial Flow 72 Hourly Standby _____ T-Out 5:01
 (F) Second Final Flow 93 Mileage 152 BT 164.30 Comments _____
 (G) Final Shut-In 1,112 Sampler _____
 (H) Final Hydrostatic 2,134 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 0
 Total 1739.30
 MP/DST Disc't _____
 Sub Total 1739.30

Approved By [Signature] 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 of 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.