



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik-Equities #2-35

35-24s-30w Gray,KS

Start Date: 2014.06.26 @ 06:45:00

End Date: 2014.06.26 @ 13:37:00

Job Ticket #: 56656 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.30 @ 10:50:10



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

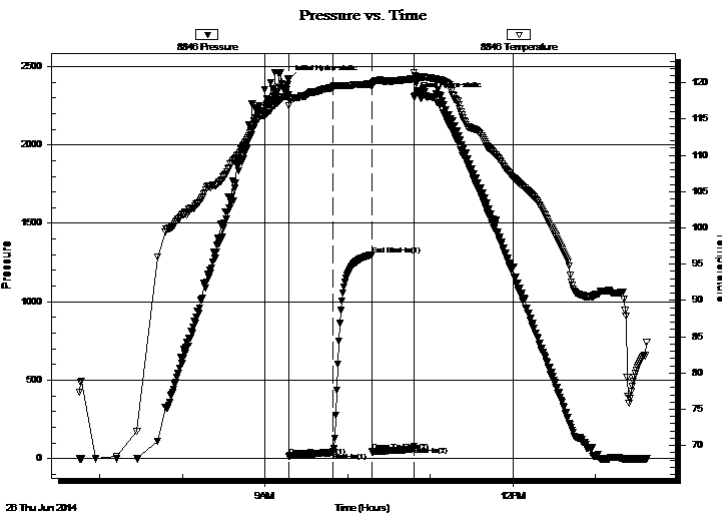
35-24s-30w Gray, KS
Irsik-Equities #2-35
 Job Ticket: 56656 **DST#: 1**
 Test Start: 2014.06.26 @ 06:45:00

GENERAL INFORMATION:

Formation: **Pawnee - Cherokee**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:17:15
 Time Test Ended: 13:37:00
 Interval: **4702.00 ft (KB) To 4760.00 ft (KB) (TVD)**
 Total Depth: 4760.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Justin Harris
 Unit No: 65
 Reference Elevations: 2854.00 ft (KB)
 2843.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8846 Inside
 Press@RunDepth: 42.54 psig @ 4722.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.26 End Date: 2014.06.26 Last Calib.: 2014.06.26
 Start Time: 06:45:15 End Time: 13:37:00 Time On Btm: 2014.06.26 @ 09:17:00
 Time Off Btm: 2014.06.26 @ 10:48:15

TEST COMMENT: 30:Weak blow build to 1 1/2".
 30: No Return.
 30: No Blow .
 Pull: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2415.00	118.30	Initial Hydro-static
1	17.11	116.88	Open To Flow (1)
33	42.54	119.55	Shut-In(1)
61	1299.26	119.85	End Shut-In(1)
61	45.80	119.49	Open To Flow (2)
91	80.20	120.57	Shut-In(2)
92	2309.74	121.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	mud	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

35-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Irsik-Equities #2-35

Job Ticket: 56656

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.06.26 @ 06:45:00

Tool Information

Drill Pipe:	Length: 4456.00 ft	Diameter: 3.80 inches	Volume: 62.51 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 63.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4702.00 ft			Final 77000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4675.00	
Shut In Tool	5.00			4680.00	
Hydraulic tool	5.00			4685.00	
Jars	5.00			4690.00	
Safety Joint	3.00			4693.00	
Packer	5.00			4698.00	28.00 Bottom Of Top Packer
Packer	4.00			4702.00	
Stubb	1.00			4703.00	
Perforations	19.00			4722.00	
Recorder	0.00	8846	Inside	4722.00	
Recorder	0.00	8737	Outside	4722.00	
Change Over Sub	1.00			4723.00	
Blank Spacing	31.00			4754.00	
Change Over Sub	1.00			4755.00	
Bullnose	5.00			4760.00	58.00 Bottom Packers & Anchor

Total Tool Length: 86.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

35-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Irsik-Equities #2-35

Job Ticket: 56656

DST#: 1

ATTN: Kevin Timson

Test Start: 2014.06.26 @ 06:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
65.00	mud	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

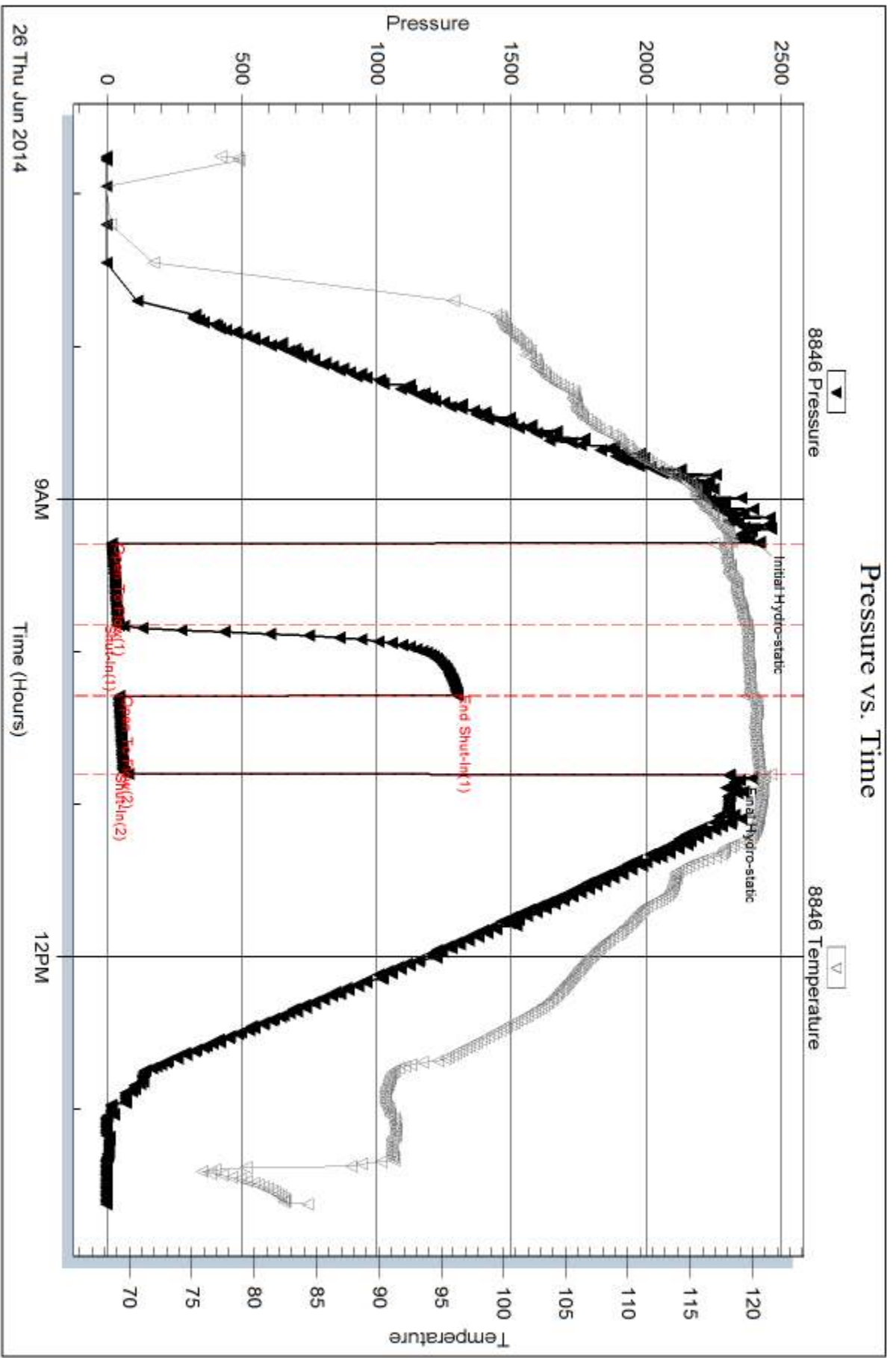
Serial #: 8846

Inside

American Warrior Inc.

Isik-Equities #2-35

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 56656

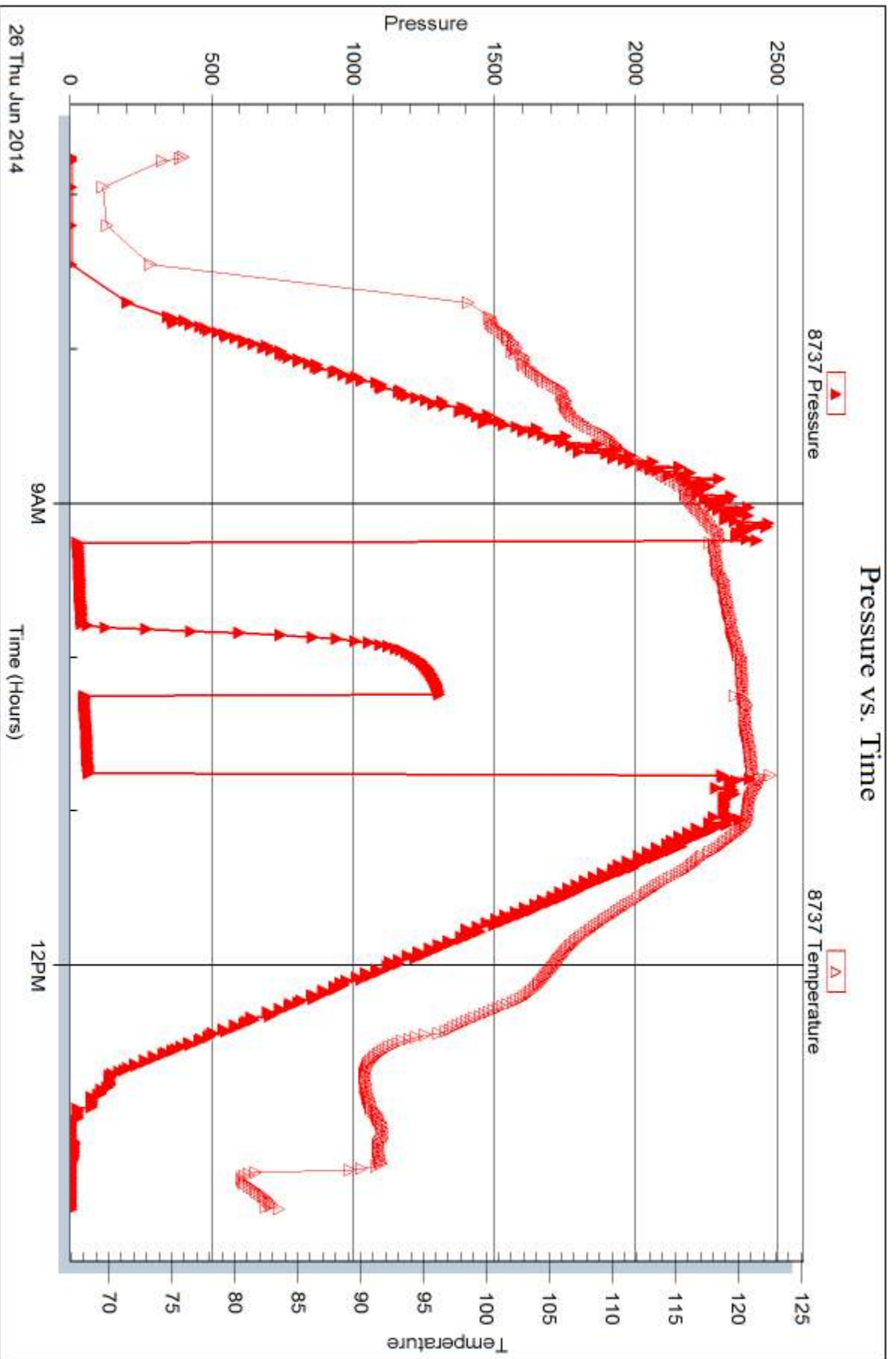
Printed: 2014.06.30 @ 10:50:11

Serial #: 8737

Outside American Warrior Inc.

Irisk-Equities #2-35

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56656

Printed: 2014.06.30 @ 10:50:11



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Irsik-Equities #2-35

35-24s-30w Gray,KS

Start Date: 2014.06.27 @ 12:15:00

End Date: 2014.06.27 @ 20:22:30

Job Ticket #: 56557 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.30 @ 10:49:33

American Warrior Inc.

35-24s-30w Gray,KS

Irsik-Equities #2-35

DST # 2

Atoka - Morrow

2014.06.27



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

35-24s-30w Gray, KS
Irsik-Equities #2-35
 Job Ticket: 56557 **DST#: 2**
 Test Start: 2014.06.27 @ 12:15:00

GENERAL INFORMATION:

Formation: **Atoka - Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:44:30
 Time Test Ended: 20:22:30
 Interval: **4816.00 ft (KB) To 4894.00 ft (KB) (TVD)**
 Total Depth: 4894.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Justin Harris
 Unit No: 65
 Reference Elevations: 2854.00 ft (KB)
 2843.00 ft (CF)
 KB to GR/CF: 11.00 ft

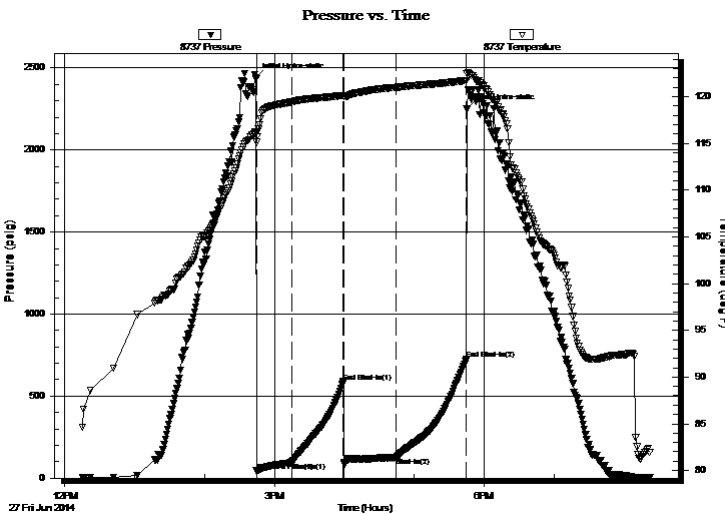
Serial #: 8737

Outside

Press@RunDepth: 127.46 psig @ 4824.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.27 End Date: 2014.06.27 Last Calib.: 2014.06.27
 Start Time: 12:15:15 End Time: 20:22:30 Time On Btm: 2014.06.27 @ 14:43:45
 Time Off Btm: 2014.06.27 @ 17:45:15

TEST COMMENT: 30: B.O.B in 4 1/2 mins.
 45: No Return.
 45: B.O.B. in 1 min..
 60: No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2441.54	116.22	Initial Hydro-static
1	44.71	115.12	Open To Flow (1)
31	93.89	119.44	Shut-In(1)
76	583.67	120.14	End Shut-In(1)
77	97.37	120.06	Open To Flow (2)
121	127.46	120.99	Shut-In(2)
182	723.23	121.74	End Shut-In(2)
182	2249.92	122.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
272.00	gmco 5%g 5%o 90%m	1.59
0.00	G.I.P. 996'	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc.

35-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Irsik-Equities #2-35

Job Ticket: 56557

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.06.27 @ 12:15:00

Tool Information

Drill Pipe:	Length: 4552.00 ft	Diameter: 3.80 inches	Volume: 63.85 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 244.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 65.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4816.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	78.00 ft			
Tool Length:	106.00 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			4789.00	
Shut In Tool	5.00			4794.00	
Hydraulic tool	5.00			4799.00	
Jars	5.00			4804.00	
Safety Joint	3.00			4807.00	
Packer	5.00			4812.00	28.00 Bottom Of Top Packer
Packer	4.00			4816.00	
Stubb	1.00			4817.00	
Perforations	7.00			4824.00	
Recorder	0.00	8846	Inside	4824.00	
Recorder	0.00	8737	Outside	4824.00	
Change Over Sub	1.00			4825.00	
Drill Pipe	63.00			4888.00	
Change Over Sub	1.00			4889.00	
Bullnose	5.00			4894.00	78.00 Bottom Packers & Anchor

Total Tool Length: 106.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc.

35-24s-30w Gray,KS

PO Box 399
Garden City, KS 67846

Irsik-Equities #2-35

Job Ticket: 56557

DST#: 2

ATTN: Kevin Timson

Test Start: 2014.06.27 @ 12:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
272.00	gmco 5%g 5%o 90%m	1.593
0.00	G.I.P. 996'	0.000

Total Length: 272.00 ft Total Volume: 1.593 bbf

Num Fluid Samples: 0

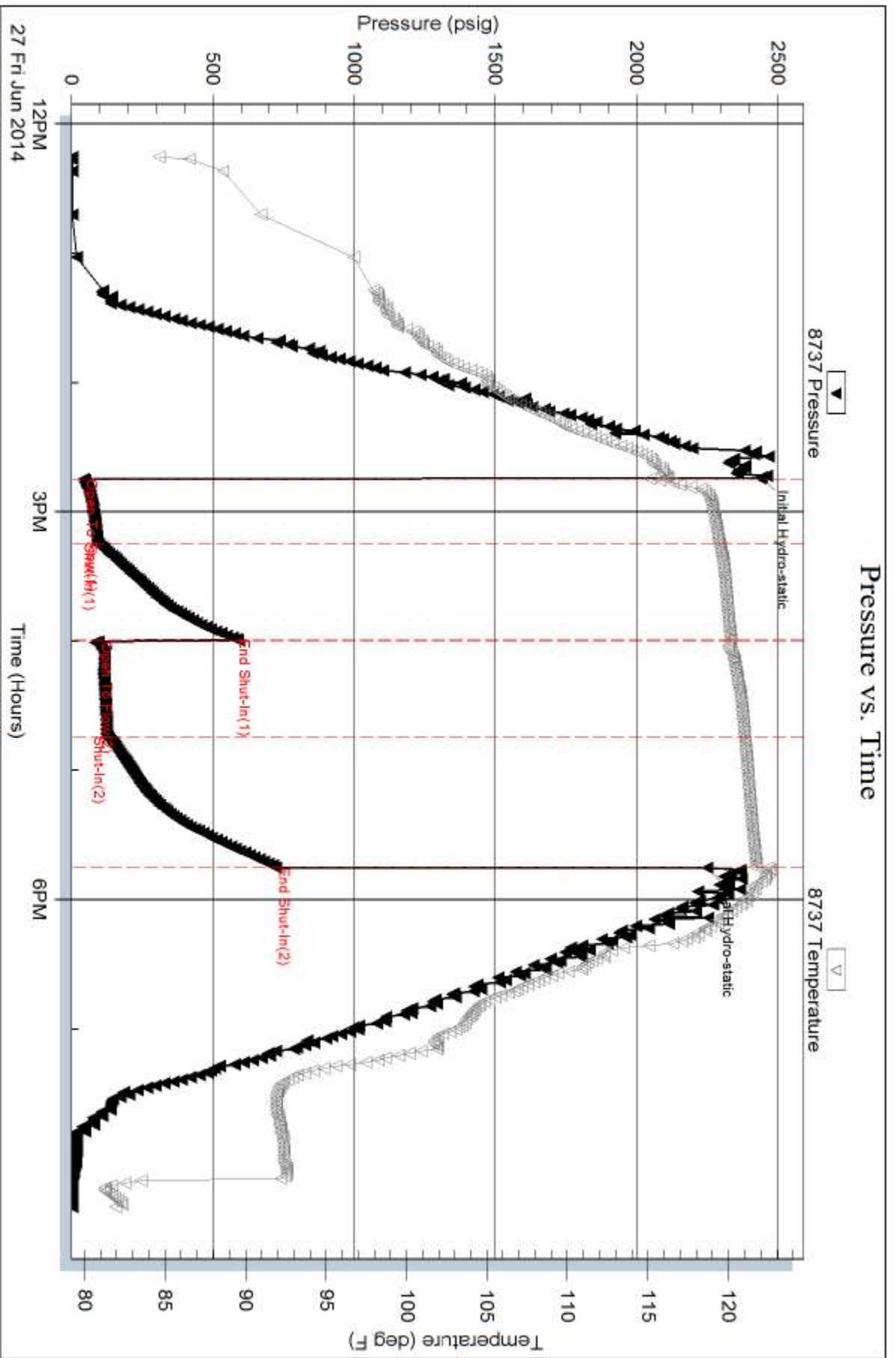
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



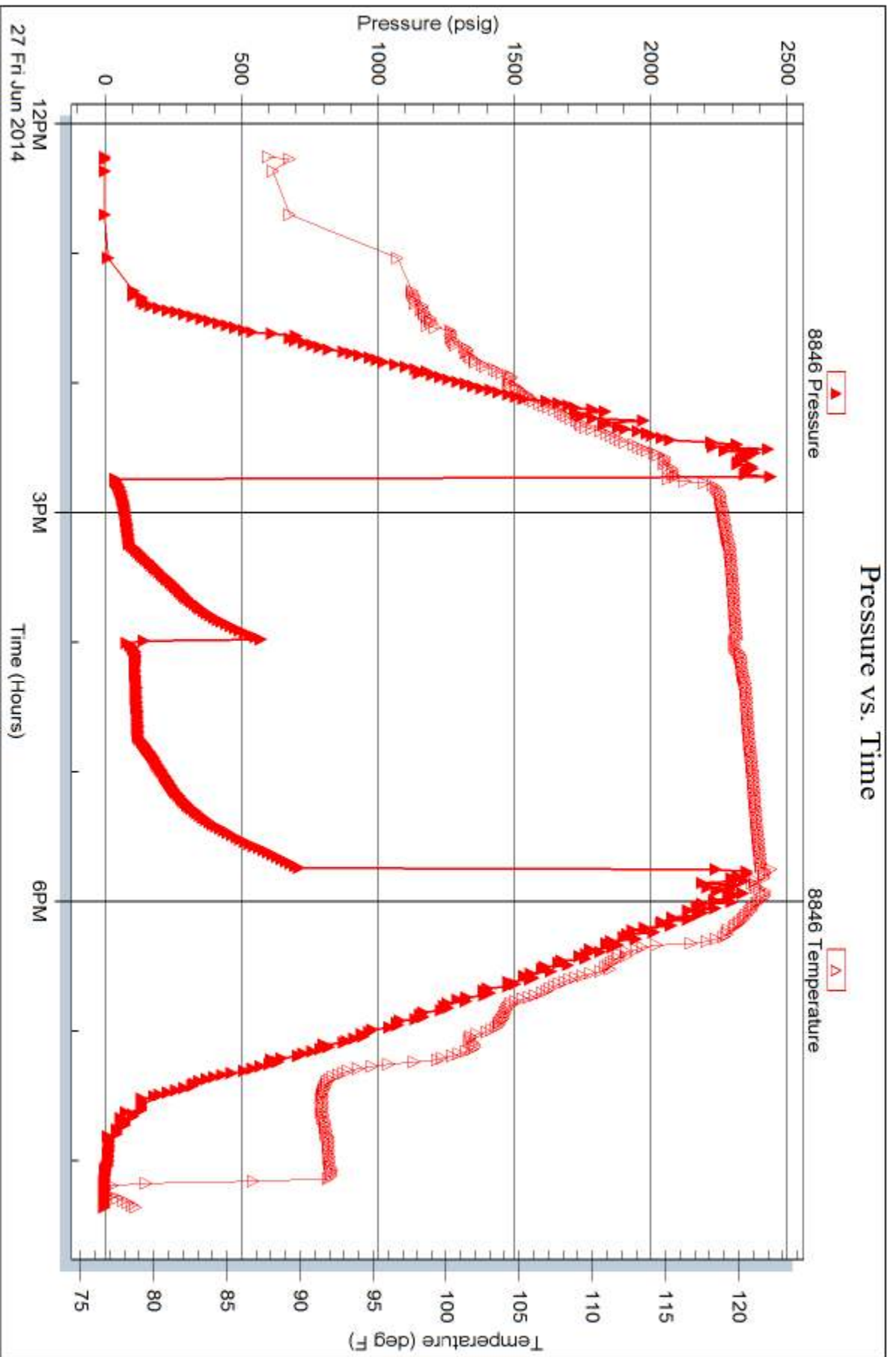
Serial #: 8846

Inside

American Warrior Inc.

Irisk-Equities #2-35

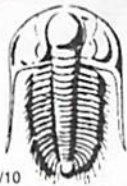
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 56557

Printed: 2014.06.30 @ 10:49:34



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56656

4/10

Well Name & No. Irish - Equities # 2-35 Test No. 1 Date 6-26-14
 Company American Warrior, Inc. Elevation 2854 KB 2843 GL
 Address 3118 Cummings RD P.O. Box 399 Garden city, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 35 Twp. 24S Rge. 30W Co. Gray State KS

Interval Tested 4702 4760 Zone Tested Pawnee - charlett
 Anchor Length 58 Drill Pipe Run 4456 Mud Wt. 9.7
 Top Packer Depth 4697 Drill Collars Run 274 Vis 49
 Bottom Packer Depth 4702 Wt. Pipe Run Ø WL 10
 Total Depth 4760 Chlorides 5500 ppm System LCM 3 1/2

Blow Description 30 Weak surface Blow Build to 1 1/2"
30 No Return
30 No Blow
~~30~~ Pull No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 65 BHT 120 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic <u>2415</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>5:45</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>6:45</u>
(C) First Final Flow <u>42</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>9:18</u>
(D) Initial Shut-In <u>1299</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>10:48</u>
(E) Second Initial Flow <u>46</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>13:37</u>
(F) Second Final Flow <u>80</u>	<input checked="" type="checkbox"/> Mileage <u>120 RT</u> 186	Comments _____
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>230</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In PIT

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

Sub Total 0
 Total 1761
 MP/DST Disc't _____

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56657

Well Name & No. Insik - Equities #2-35 Test No. 2 Date 6-27-14
 Company American Warrior, Inc Elevation 2854 KB 2843 GL
 Address 3118 Cummings RD PO Box 399 Garden city, KS 67546
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 35 Twp. 24s Rge. 30w Co. Gray State KS

Interval Tested 4816 4894 Zone Tested Atoka - Morrow
 Anchor Length 78 Drill Pipe Run 4552 Mud Wt. 9.2
 Top Packer Depth 4811 Drill Collars Run 244 Vis 55
 Bottom Packer Depth 4816 Wt. Pipe Run Ø WL 9.6
 Total Depth 4894 Chlorides 4200 ppm System LCM 2#
 Blow Description 30 B.O.B in 4 min.
45 No Return.
45 B.O.B in 1 min.
60 No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>272</u>	<u>gmc</u>	<u>5</u>	<u>5</u>	<u>90</u>	
	<u>994' G.I. P</u>				

Rec Total 272 BHT 122 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2442</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>11:00</u>
(B) First Initial Flow <u>45</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>12:15</u>
(C) First Final Flow <u>94</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>14:49</u>
(D) Initial Shut-In <u>584</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>17:49</u>
(E) Second Initial Flow <u>97</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:22</u>
(F) Second Final Flow <u>127</u>	<input checked="" type="checkbox"/> Mileage <u>120 RT</u> 186	Comments
(G) Final Shut-In <u>723</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2250</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1761</u>
Final Shut-In <u>40</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1761</u>	

Approved By _____ Our Representative Justin H

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.

