



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior Inc

Elton # 1-32

Po Box 399
Garden City Ks 67846

32-18s-21w-Ness

Job Ticket: 44187

DST#: 1

ATTN: Scott Corsair

Test Start: 2011.07.14 @ 01:37:31

GENERAL INFORMATION:

Formation: Miss

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:05:31

Time Test Ended: 09:03:31

Test Type: Conventional Bottom Hole

Tester: Jeff Brown

Unit No: 44

Interval: 4305.00 ft (KB) To 4313.00 ft (KB) (TVD)

Total Depth: 4313.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2193.00 ft (KB)

2187.00 ft (CF)

KB to GRVCF: 6.00 ft

Serial #: 8321 Inside

Press@RunDepth: 1643.21 psig @ 4306.00 ft (KB)

Start Date: 2011.07.14

End Date:

2011.07.14

Start Time: 01:37:32

End Time:

09:03:31

Capacity: 8000.00 psig

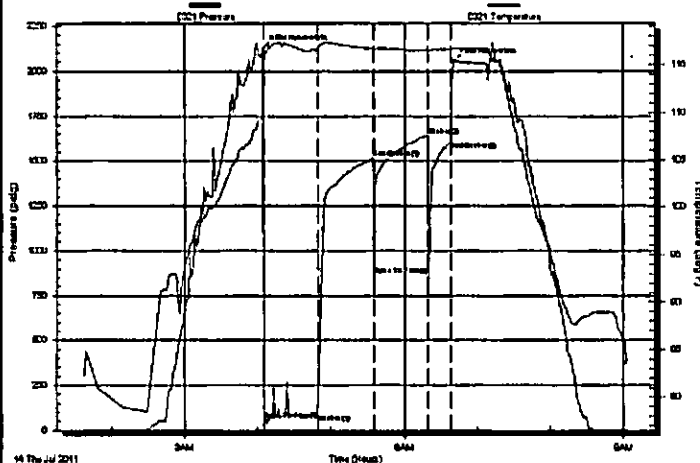
Last Calib.: 2011.07.14

Time On Btm: 2011.07.14 @ 04:04:31

Time Off Btm: 2011.07.14 @ 06:40:01

TEST COMMENT: IFF-Fair blow built to 4 in
ISI-Dead no blow back
FFP-Dead no blow
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.57	109.81	Initial Hydro-static
1	57.35	115.13	Open To Flow (1)
45	88.52	116.58	Shut-In(1)
90	1517.34	116.68	End Shut-In(1)
91	864.58	116.59	Open To Flow (2)
135	1643.21	116.51	Shut-In(2)
154	1610.60	116.60	End Shut-In(2)
156	2052.95	116.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud with a scum of oil	0.30
20.00	Mud with oil spots	0.10

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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FLUID SUMMARY

American Warrior Inc

Elton # 1-32

Po Box 399
Garden City Ks 67846

32-18s-21w-Ness

Job Ticket: 44187

DST#: 1

ATTN: Scott Corsair

Test Start: 2011.07.14 @ 01:37:31

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud with a scum of oil	0.295
20.00	Mud with oil spots	0.098

Total Length: 80.00 ft

Total Volume: 0.393 bbl

Num Fluid Samples: 0

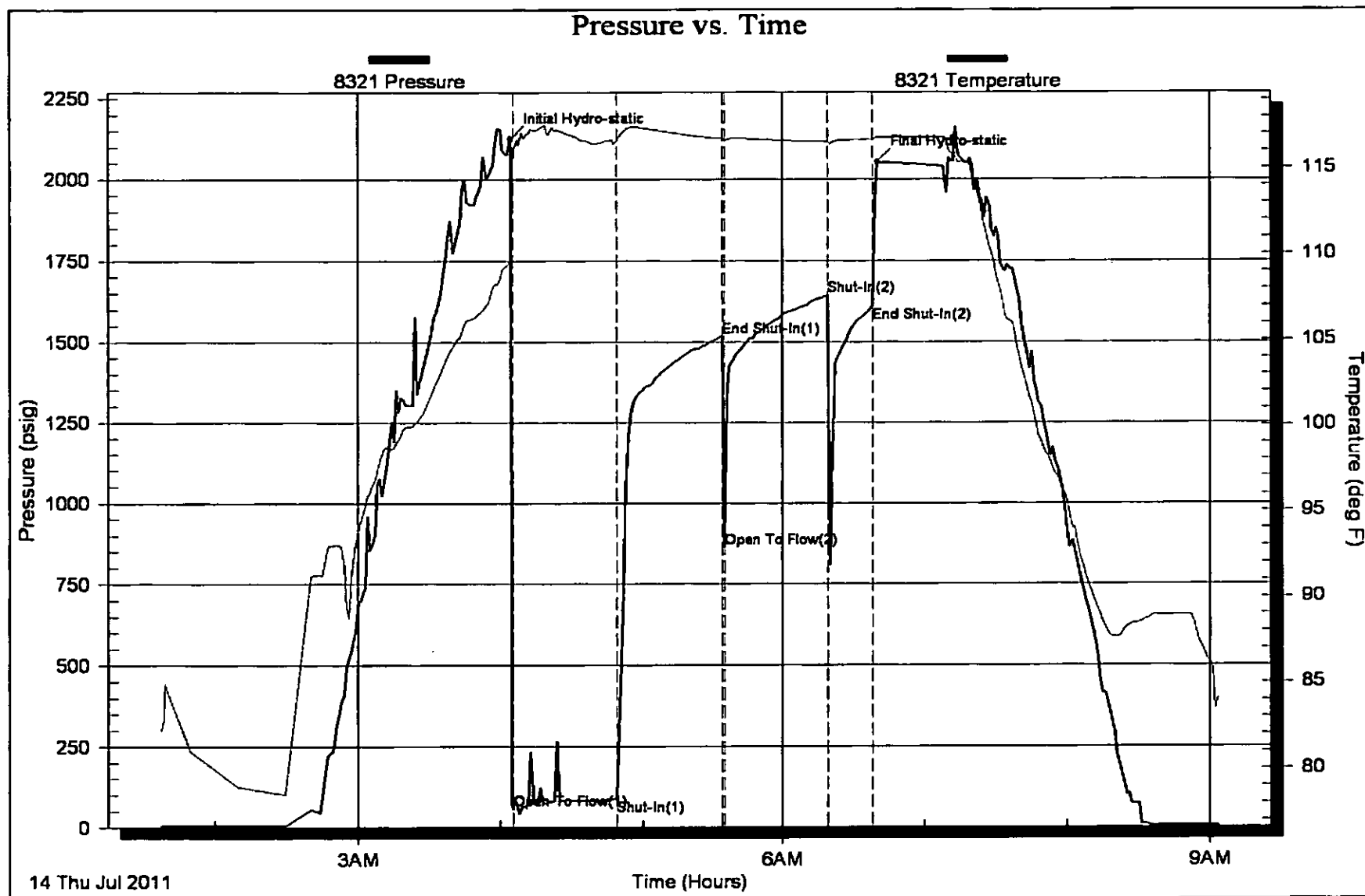
Num Gas Bombs: 0

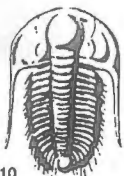
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 44187-16016

Well Name & No. EITon #1-32 Test No. 1 Date 7-13-11
 Company American Warrior INC Elevation 2193 KB 2187 GL
 Address Po Box 399 Garden City KS 67846
 Co. Rep / Geo. Jason Alm Rig Petromark #1
 Location: Sec. 32 Twp. 18S Rge. 21W Co. Ness State KS

Interval Tested 4305-4313 Zone Tested MISS
 Anchor Length 8 Drill Pipe Run 4167 Mud Wt. 9.2
 Top Packer Depth 4300 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 4305 Wt. Pipe Run 0 WL 8.8
 Total Depth 4313 Chlorides 5500 ppm System LCM TR

Blow Description FF-Fair Blow Built To 4 IN
ISI-Dead NO Blow Back
FF-Dead NO Blow
ISI-Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>160</u>	<u>Mud with 9 scum of oil</u>				
<u>20</u>	<u>mud with oil spots</u>				

Rec Total 80 BHT 117 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

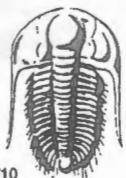
(A) Initial Hydrostatic <u>2126</u>	☒ Test <u>1225-</u>	T-On Location <u>23:39</u>
(B) First Initial Flow <u>57</u>	☒ Jars <u>250-</u>	T-Started <u>1:37</u>
(C) First Final Flow <u>89</u>	☒ Safety Joint <u>75-</u>	T-Open <u>4:02</u>
(D) Initial Shut-In <u>1517</u>	☐ Circ Sub _____	T-Pulled <u>7:02</u>
(E) Second Initial Flow <u>865</u>	☐ Hourly Standby _____	T-Out <u>9:03</u>
(F) Second Final Flow <u>11643</u>	☒ Mileage <u>104</u> RT <u>145.60</u>	Comments _____
(G) Final Shut-In <u>11611</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>2053</u>	☐ Straddle _____	

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

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 11695.60
 MP/DST Disc't _____

Sub Total 11695.60

Approved By _____ Our Representative Jeff Brown
 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. 44188

Well Name & No. EITON #1-32 Test No. 2 Date 7-14-11
 Company American Warrior INC Elevation 2193 KB 2187 GL
 Address PO Box 399 Garden City KS 67840
 Co. Rep / Geo. JASON ALM Rig Petromark #1
 Location: Sec. 32 Twp. 18s Rge. 21w Co. Ness State KS

Interval Tested 4304 - 4314 Zone Tested MISS
 Anchor Length 10 Drill Pipe Run 4167 Mud Wt. 9.4
 Top Packer Depth 4301 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 4304 Wt. Pipe Run 0 WL 9.6
 Total Depth 4314 Chlorides 6200 ppm System LCM TR

Blow Description IPP-
EST- MISS-RUN 10' F&T OF FILL in hole
PPP-
FSI-

Rec	Feet of	%gas	%oil	%water	%mud
<u>246</u>	<u>mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of <u>MISS-RUN</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 246 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

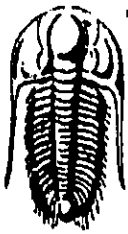
(A) Initial Hydrostatic 2129 ☒ Test 1025' T-On Location 14:31
 (B) First Initial Flow 839 ☒ Jars 250' T-Started 15:20
 (C) First Final Flow _____ ☒ Safety Joint 75' T-Open 17:43
 (D) Initial Shut-In _____ ☐ Circ Sub _____ T-Pulled 18:10
 (E) Second Initial Flow _____ ☐ Hourly Standby _____ T-Out 20:10
 (F) Second Final Flow _____ ☒ Mileage 104 RT 145.60 Comments _____
 (G) Final Shut-In _____ ☐ Sampler _____
 (H) Final Hydrostatic 2072 ☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____

Initial Open _____
 Initial Shut-In _____
 Final Flow MISS-RUN
 Final Shut-In _____

Sub Total 1495.60

☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1495.60
 MP/DST Disc't _____

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DRILL STEM TEST REPORT

American Warrior Inc
Po Box 399
Garden City Ks 67846
ATTN: Scott Corsair

Elton # 1-32
32-18s-21w-Ness
Job Ticket: 44189 DST#: 3
Test Start: 2011.07.15 @ 03:33:02

GENERAL INFORMATION:

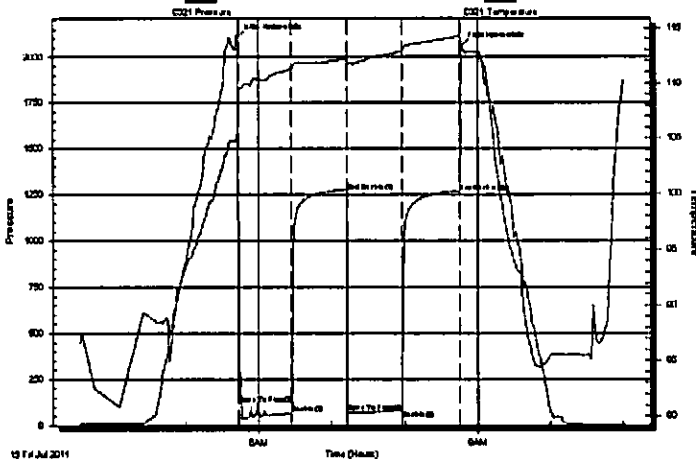
Formation: Miss
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:43:02
Time Test Ended: 11:07:32
Interval: 4306.00 ft (KB) To 4316.00 ft (KB) (TVD)
Total Depth: 4316.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 44
Reference Elevations: 2193.00 ft (KB)
2187.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8321 Inside
Press@RunDepth: 81.40 psig @ 4308.00 ft (KB)
Start Date: 2011.07.15 End Date: 2011.07.15 Capacity: 8000.00 psig
Start Time: 03:33:03 End Time: 11:00:32 Last Calib.: 2011.07.15
Time On Btm: 2011.07.15 @ 05:42:32
Time Off Btm: 2011.07.15 @ 08:46:32

TEST COMMENT: IFF-Fair blow built to 6 in
ISI-Dead no blow back
FFP-Fair blow built to 7 1/2 in
FSI-Dead no blow back

Pressure vs. Time



PRESSURE SUMMARY

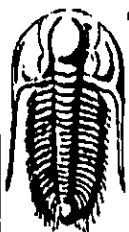
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2108.62	105.79	Initial Hydro-static
1	121.71	107.67	Open To Flow (1)
45	66.90	111.29	Shut-In(1)
90	1268.48	112.18	End Shut-In(1)
91	71.40	111.88	Open To Flow (2)
135	81.40	112.85	Shut-In(2)
183	1261.14	114.21	End Shut-In(2)
184	2057.93	113.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCWM 47%O13%W40%M	0.30
90.00	MCWO 30%M3%W67%O	0.72
10.00	Free Oil	0.14
0.00	31 GIP	0.00

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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FLUID SUMMARY

American Warrior Inc

Elton # 1-32

Po Box 399
Garden City Ks 67846

32-18s-21w-Ness

Job Ticket: 44189

DST#: 3

ATTN: Scott Corsair

Test Start: 2011.07.15 @ 03:33:02

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

35 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	HOCWM 47%O13%W40%M	0.295
90.00	MCWO 30%M3%W67%O	0.716
10.00	Free Oil	0.140
0.00	31 GIP	0.000

Total Length: 160.00 ft

Total Volume: 1.151 bbl

Num Fluid Samples: 0

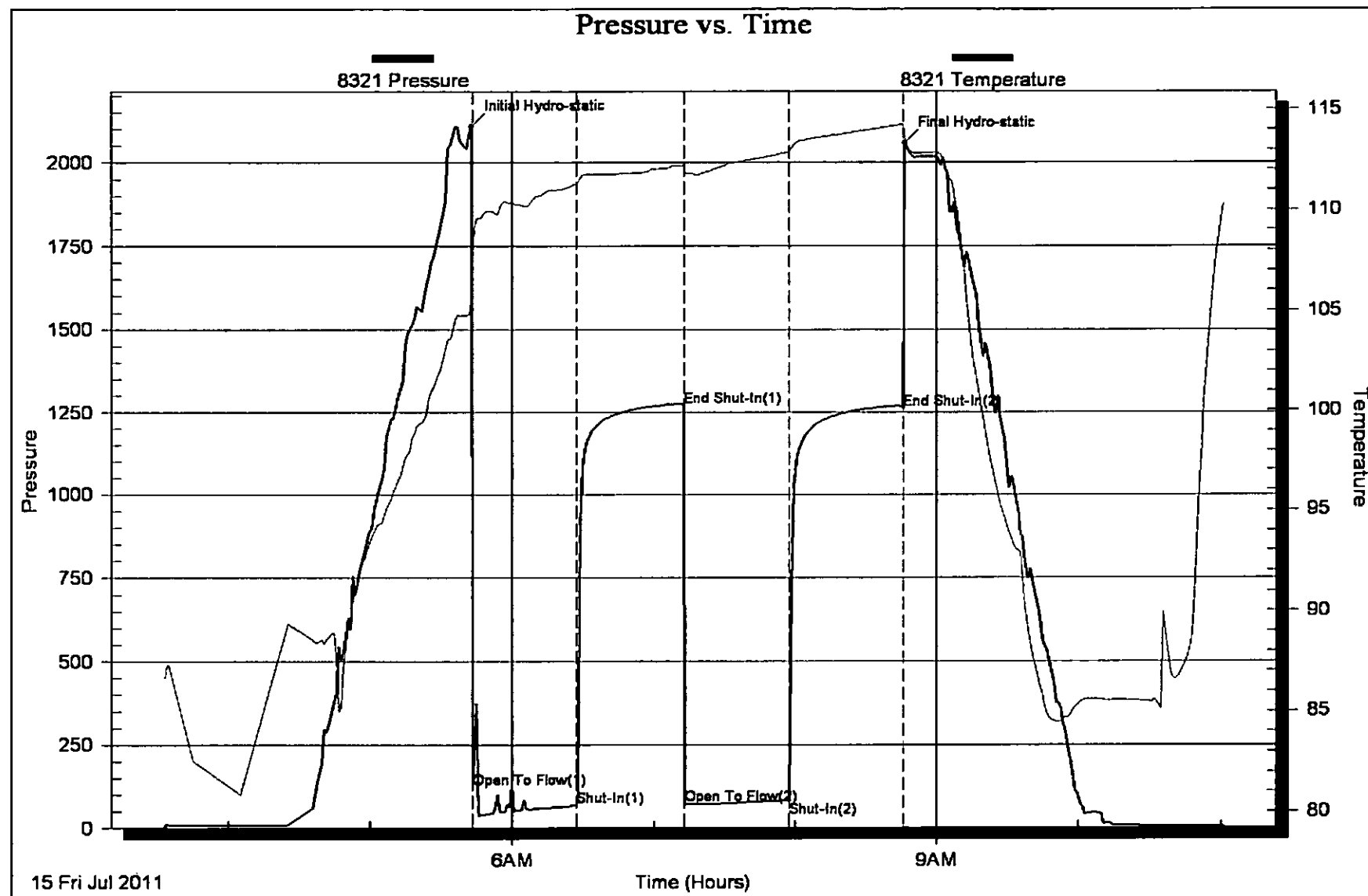
Num Gas Bombs: 0

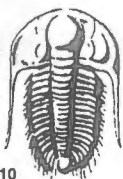
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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Test Ticket

NO. 44189

Well Name & No. ELTON #1-32 Test No. 3 Date 7-15-11
 Company American Warrior INC Elevation 2193 KB 2187 GL
 Address PO Box 399 Garden City KS 67846
 Co. Rep / Geo. JASON ALM Rig Petromark #1
 Location: Sec. 32 Twp. 18S Rge. 21W Co. NESS State KS

Interval Tested 4306-4316 Zone Tested MISS
 Anchor Length 10 Drill Pipe Run 4167 Mud Wt. 9.4
 Top Packer Depth 4301 Drill Collars Run 120 Vis 56
 Bottom Packer Depth 4306 Wt. Pipe Run 0 WL 9.6
 Total Depth 4316 Chlorides 6200 ppm System LCM TR

Blow Description FP Fair Blow Built TO 6 IN
ISI-Dead NO Blow Back
FP Fair Blow Built TO 7 1/2 IN
FSI-Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>HOC Wm</u>		<u>47</u>	<u>13</u>	<u>40</u>
<u>90</u>	<u>MCWO</u>		<u>67</u>	<u>3</u>	<u>30</u>
<u>10</u>	<u>Free oil</u>		<u>100</u>		
	<u>31 GIP</u>				

Rec Total 160 BHT 114 Gravity 35 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 2109
 (B) First Initial Flow 122
 (C) First Final Flow 67
 (D) Initial Shut-In 1268
 (E) Second Initial Flow 71
 (F) Second Final Flow 81
 (G) Final Shut-In 1261
 (H) Final Hydrostatic 2058

☒ Test 1225
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby
☒ Mileage
☐ Sampler
☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1550

T-On Location 2:38
 T-Started 3:33
 T-Open 5:41
 T-Pulled 8:41
 T-Out 11:07
 Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1550
 MP/DST Disc't

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

Approved By

Our Representative

Jeff Brown

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