

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior inc.

PO Box 399
Garden City Ks. 67846

ATTN: Jason Alm

Connie #1-15

15-18s-22w Ness

Job Ticket: 042635

DST#: 1

Test Start: 2011.06.02 @ 05:47:05

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 08:18:40

Time Test Ended: 13:08:29

Test Type: **Conventional Bottom Hole**

Tester: **Andy Carreira**

Unit No: **39**

Interval: **4220.00 ft (KB) To 4285.00 ft (KB) (TVD)**

Total Depth: **4285.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2186.00 ft (KB)**

2180.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 8352 **Outside**

Press@RunDepth: **74.95 psig @ 4224.00 ft (KB)**

Start Date: **2011.06.02**

End Date:

2011.06.02

Start Time: **05:47:05**

End Time:

13:08:29

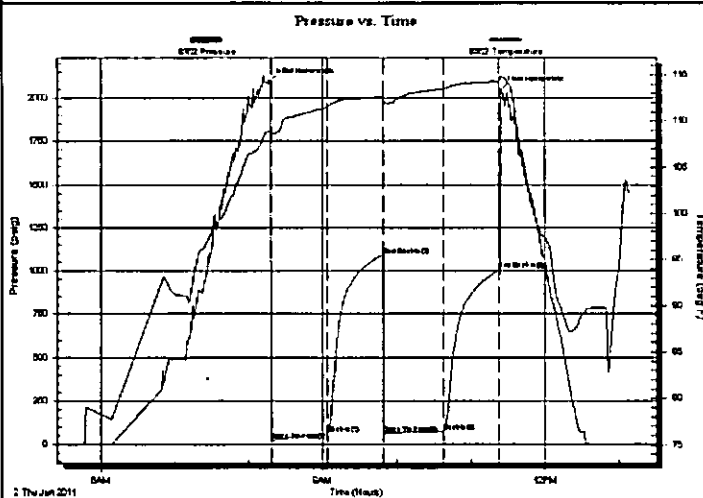
Capacity: **8000.00 psig**

Last Calib.: **2011.06.02**

Time On Btm: **2011.06.02 @ 08:17:20**

Time Off Btm: **2011.06.02 @ 11:24:39**

TEST COMMENT: IF:(45min) Fair Blow, 3 inches
IS:(45min) No Return
FF:(45min) Fair Blow, 4 inches
FS:(45min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.10	108.91	Initial Hydro-static
2	21.37	108.06	Open To Flow (1)
47	60.50	111.59	Shut-In(1)
92	1091.90	112.64	End Shut-In(1)
92	63.80	112.28	Open To Flow (2)
141	74.95	113.52	Shut-In(2)
186	1004.34	114.31	End Shut-In(2)
188	2045.84	114.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	OCM 0=30% m=70%	0.49
50.00	CO 0=100%	0.52

Gas Rates

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

American Warrior inc.

Connie #1-15

PO Box 399
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15-18s-22w Ness

Job Ticket: 042635

DST#: 1

ATTN: Jason Alm

Test Start: 2011.06.02 @ 05:47:05

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: 10.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	OCM 0=30% m=70%	0.492
50.00	CO 0=100%	0.519

Total Length: 150.00 ft

Total Volume: 1.011 bbl

Num Fluid Samples: 0

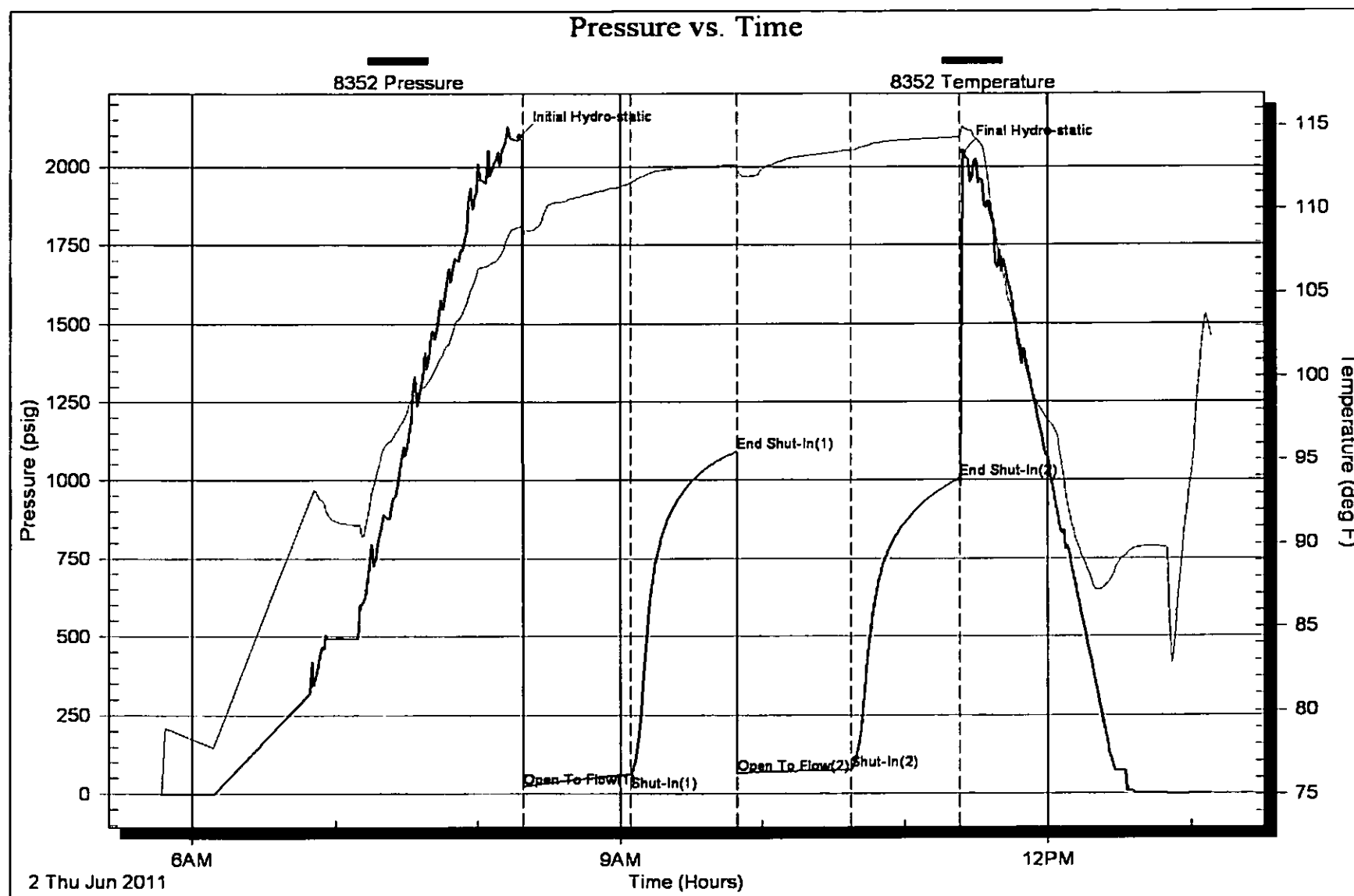
Num Gas Bombs: 0

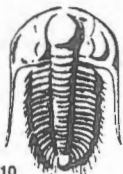
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042635 15845

Well Name & No. CONNIE #1-15 Test No. 1 Date 6-2-11
Company AMERICAN WARRIOR INC Elevation 2186 KB 2180 GL
Address PO BOX 399 GARDEN CITY KS 67846
Co. Rep / Geo. JASON ALM Rig PETRO MARK #1
Location: Sec. 15 Twp. 18S Rge. 22W Co. NESS State KS

Interval Tested 4220-4285 Zone Tested MISS
Anchor Length 65' Drill Pipe Run 4075 Mud Wt. 9.4
Top Packer Depth 4215 Drill Collars Run 120 Vis 50
Bottom Packer Depth 4220 Wt. Pipe Run 0 WL 10.8
Total Depth 4285 Chlorides 8800 ppm System LCM 0

Blow Description IP: FAIR blow, 3 inch.
IS: No Return
FP: FAIR blow, 4 inch
FS: No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>CO</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>100</u>	<u>OCM</u>	<u>30</u>	<u>0</u>	<u>70</u>	<u>0</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	BHT	Gravity	API RW	@	F	Chlorides	ppm
<u>150'</u>		<u>44</u>					
(A) Initial Hydrostatic	<u>2095</u>	☒ Test	<u>1225</u>			T-On Location	<u>0422</u>
(B) First Initial Flow	<u>21</u>	☒ Jars	<u>250</u>			T-Started	<u>0547</u>
(C) First Final Flow	<u>60</u>	☒ Safety Joint	<u>75</u>			T-Open	<u>0819</u>
(D) Initial Shut-In	<u>1091</u>	☐ Circ Sub				T-Pulled	<u>1123</u>
(E) Second Initial Flow	<u>63</u>	☐ Hourly Standby				T-Out	<u>1308</u>
(F) Second Final Flow	<u>74</u>	☒ Mileage	<u>110 RT 154</u>			Comments	<u>49min instead of 45min FF. HANDS WORKIN ON DEAN WORKS</u>
(G) Final Shut-In	<u>1004</u>	☐ Sampler				☐ Ruined Shale Packer	
(H) Final Hydrostatic	<u>2045</u>	☐ Straddle				☐ Ruined Packer	

Initial Open 45
Initial Shut-In 45
Final Flow 45 49
Final Shut-In 45
Sub Total 1704
Total 1704
MP/DST Disc't

Approved By [Signature] Our Representative [Signature]
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