



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

American Warrior INC

Schlegel # 1-34

3118 Cummins RD
PO Box 399 Garden City KS
67846

34-22s-23w

Job Ticket: 41634

DST#: 1

ATTN: Harley Sales Cecil Obox 399 Garden City KS Test Start: 2011.03.18 @ 22:55:09

GENERAL INFORMATION:

Formation: **Mississippi**

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

Time Tool Opened: 01:08:24

Time Test Ended: 04:58:39

Interval: **4504.00 ft (KB) To 4571.00 ft (KB) (TVD)**

Total Depth: **4571.00 ft (KB) (TVD)**

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

Test Type: **Conventional Bottom Hole**

Tester: **Chris staats**

Unit No: **34**

Reference Elevations: **2293.00 ft (KB)**

2282.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: **6773**

Inside

Press@RunDepth: **44.78 psig @ 4505.00 ft (KB)**

Start Date: **2011.03.18**

End Date:

2011.03.19

Start Time: **22:55:14**

End Time:

04:58:38

Capacity: **8000.00 psig**

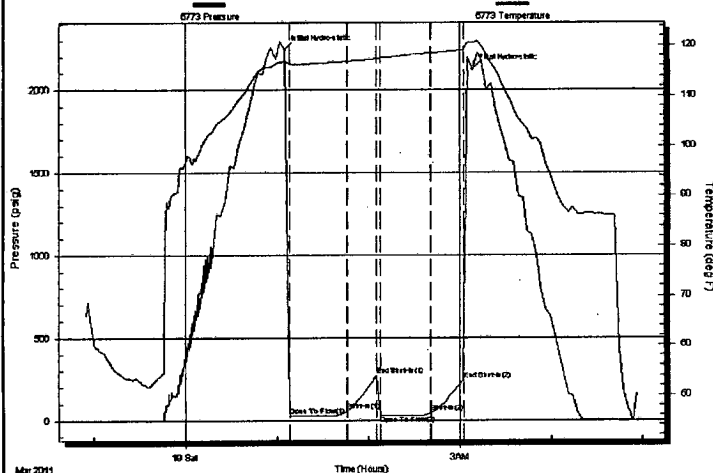
Last Calib.: **2011.03.19**

Time On Btmr: **2011.03.19 @ 01:05:24**

Time Off Btmr: **2011.03.19 @ 03:08:24**

TEST COMMENT: IF: No blow
IS: No blow
FF: Weak surface blow
FS: No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2242.82	116.81	Initial Hydro-static
3	26.41	116.28	Open To Flow (1)
41	58.28	116.90	Shut-In(1)
60	270.71	117.45	End Shut-In(1)
63	28.33	117.55	Open To Flow (2)
96	44.78	118.48	Shut-In(2)
117	240.28	119.06	End Shut-In(2)
123	2123.63	120.67	Final Hydro-static

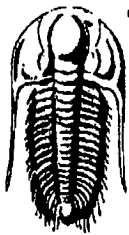
Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior INC

Schlegel # 1-34

3118 Cummins RD
PO Box 399 Garden City KS
67846

34-22s-23w

Job Ticket: 41634

DST#: 1

ATTN: Harley Sales Cecil Obox 399 Garden City KS Test Start: 2011.03.18 @ 22:55:09

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 9.19 in³

Resistivity: 0.00 ohm.m

Salinity: 4300.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume .bbl
2.00	mud	0.010

Total Length: 2.00 ft

Total Volume: 0.010 bbl

Num Fluid Samples: 0

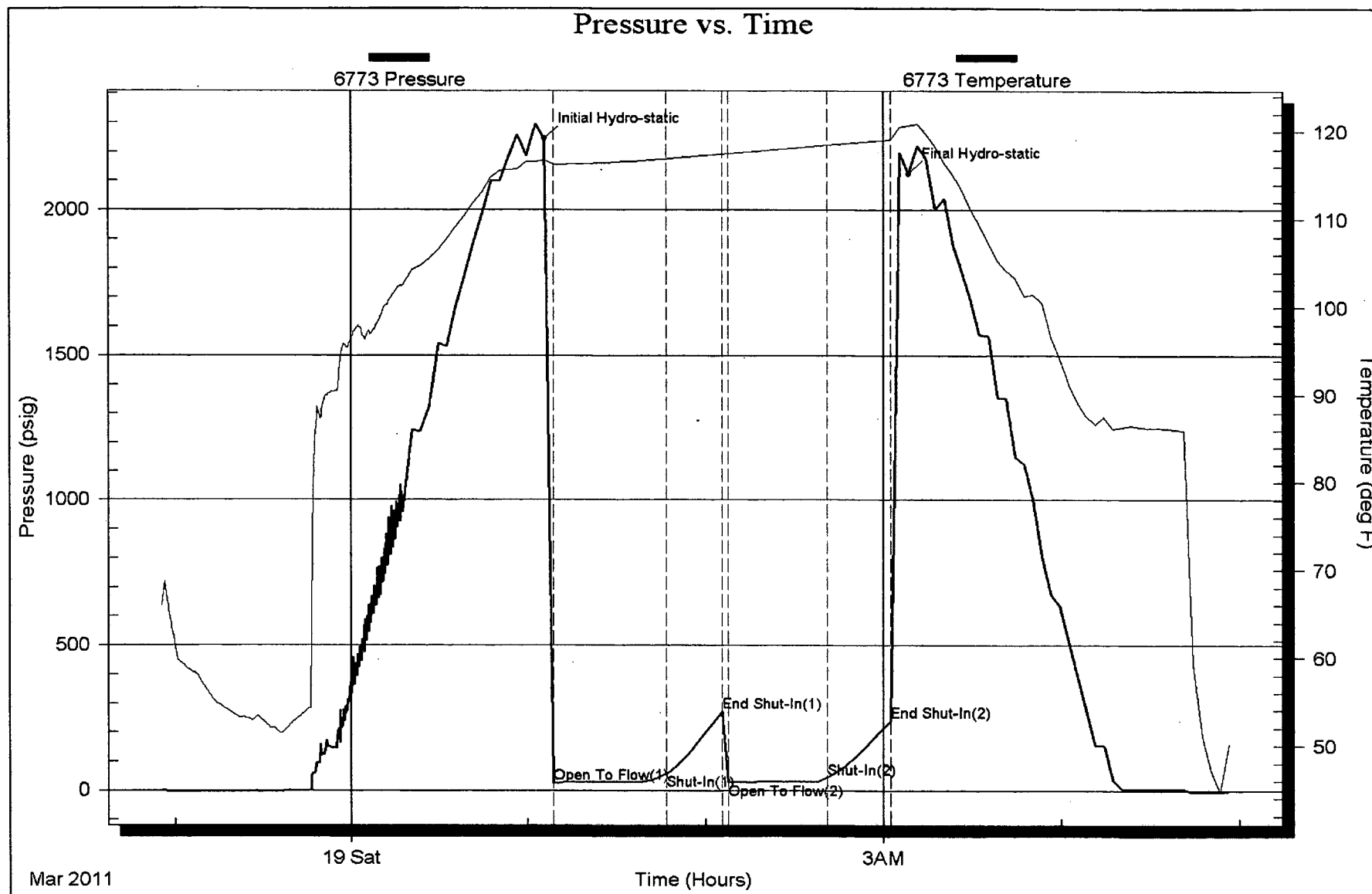
Num Gas Bombs: 0

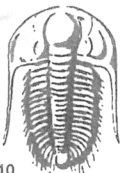
Serial #:

Laboratory Name:

Laboratory Location:

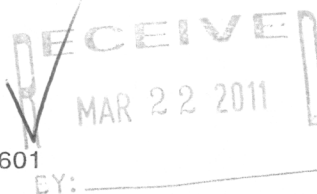
Recovery Comments:





**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601



Test Ticket

NO. 041634 15524

Well Name & No. SCHLEGEL #1-34 Test No. 1 Date 3-18-11
Company American Warrior INC. Elevation 2293 KB 2282 GL
Address 3118 CUMMING RD PO Box 399 Garden City KS 67846
Co. Rep / Geo. Harley Sayles Cecil OBrate Rig Duke DRG #5
Location: Sec. 34 Twp. 22S Rge. 23W Co. Hodgeman State KS

Interval Tested 4504 - 4571 Zone Tested MISS
Anchor Length 67' Drill Pipe Run 4196 Mud Wt. 9.3
Top Packer Depth 4499 Drill Collars Run 306 Vis 58
Bottom Packer Depth 4504 Wt. Pipe Run 0 WL 9.2
Total Depth 4571 Chlorides 4300 ppm System LCM 1#

Blow Description IF: NO blow

ISI: NO blow

FF: weak blow SURFACE

FSI: NO blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Mud</u>			<u>100</u>	

Rec Total 2 BHT 119 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2243
(B) First Initial Flow 26
(C) First Final Flow 58
(D) Initial Shut-In 270
(E) Second Initial Flow 28
(F) Second Final Flow 45
(G) Final Shut-In 240
(H) Final Hydrostatic 2124

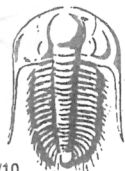
☒ Test 1225
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 160 RT. 200
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
Sub Total 1750

T-On Location 21:30
T-Started 22:55
T-Open 1:08
T-Pulled 4:10
T-Out 6:00
Comments _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
Sub Total 8
Total 1750
MP/DST Disc't _____

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

Approved By Harley Sayles

Our Representative Chris Sten



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

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Test Ticket

NO. 041635

Well Name & No. Schlegel #1-34 Test No. 2 Date 3-19-11
 Company American Warrior Elevation 2293 KB 2282 GL
 Address 3118 Cummins RD po Box 399 Garden City KS 67846
 Co. Rep / Geo. Harley Sayles Cecil O'Brien Rig Duke DRLg #5
 Location: Sec. 34 Twp. 22S Rge. 23W Co. Hodgeman State KS

Interval Tested 4503 - 4576 Zone Tested Mississippi
 Anchor Length 73' Drill Pipe Run ~~4250~~ ~~4293~~ 4193 Mud Wt. 9.3
 Top Packer Depth 4498 Drill Collars Run 306 Vis 84
 Bottom Packer Depth 4503 Wt. Pipe Run 0 WL 11.6
 Total Depth 4576 Chlorides 6500 ppm System LCM 1#

Blow Description IF: STRONG blow BOB 4min
ISI: NO Blow back
FF: STRONG blow BOBIN 6min
FSL: NO Blow back

Rec <u>780</u>	Feet of <u>MW</u>	%gas	%oil	<u>25</u>	%water	<u>75</u>	%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud

Rec Total 780' BHT 127 Gravity NA API RW 25 @ 59 °F Chlorides 35000 ppm

(A) Initial Hydrostatic <u>2230</u>	☒ Test <u>1225'</u>	T-On Location <u>11:00</u>
(B) First Initial Flow <u>54</u>	☒ Jars <u>250'</u>	T-Started <u>11:52</u>
(C) First Final Flow <u>272</u>	☒ Safety Joint <u>75'</u>	T-Open <u>14:03</u>
(D) Initial Shut-In <u>1425</u>	☐ Circ Sub	T-Pulled <u>5:15 17:10</u>
(E) Second Initial Flow <u>290</u>	☐ Hourly Standby	T-Out <u>18:52</u>
(F) Second Final Flow <u>437</u>	☒ Mileage <u>16000</u> <u>200'</u>	Comments
(G) Final Shut-In <u>1410</u>	☐ Sampler	
(H) Final Hydrostatic <u>2159</u>	☐ Straddle	

Initial Open <u>15</u>	☐ Shale Packer	☐ Ruined Shale Packer
Initial Shut-In <u>45</u>	☐ Extra Packer	☐ Ruined Packer
Final Flow <u>15</u>	☐ Extra Recorder	☐ Extra Copies
Final Shut-In <u>45</u>	☐ Day Standby	Sub Total <u>8</u>
	☐ Accessibility	Total <u>1750</u>

Sub Total 1750 MP/DST Disc't

Approved By Harley Sayles Our Representative Chris

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