

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City, KS 67646

ATTN: Jim Musgrove

13-19-10 Rice, KS

Dale Benele 2-13

Start Date: 2011.05.10 @ 04:49:53

End Date: 2011.05.10 @ 10:43:23

Job Ticket #: 42565 DST #: 1

RECEIVED

JUN 22 2011

KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

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CONFIDENTIAL

JUN 22 2011

KCC

American Warrior Inc.

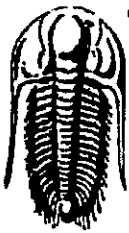
Dale Benele 2-13

13-19-10 Rice, KS

DST # 1

Arbuckle

2011.05.10



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DRILL STEM TEST REPORT

American Warrior Inc.

PO Box 399
Garden City, KS 67646

ATTN: Jim Musgrove

Dale Benele 2-13

13-19-10 Rice, KS

Job Ticket: 42565

DST#: 1

Test Start: 2011.05.10 @ 04:49:53

GENERAL INFORMATION:

Formation: Arbuckle

Deviated: No Whipstock ft (KB)

Time Tool Opened: 06:25:53

Time Test Ended: 10:43:23

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: 3234.00 ft (KB) To 3300.00 ft (KB) (TVD)

Total Depth: 3300.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1757.00 ft (KB)

1749.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 420.91 psig @ 3239.00 ft (KB)

Start Date: 2011.05.10

End Date:

2011.05.10

Start Time: 04:49:54

End Time:

10:43:23

Capacity: 8000.00 psig

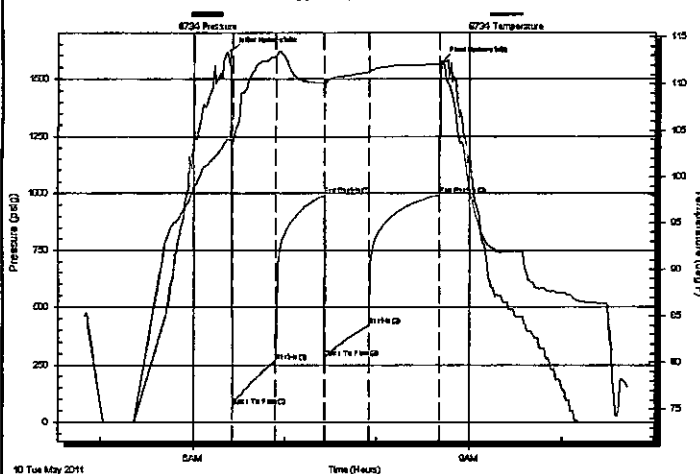
Last Calib.: 2011.05.10

Time On Btm: 2011.05.10 @ 06:24:53

Time Off Btm: 2011.05.10 @ 08:42:23

TEST COMMENT: IFP - BOB 2 min
ISI - BOB 11 min
ISI - BOB 2 min
FSI - 4 1/2" blow back - died 31 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1619.64	104.04	Initial Hydro-static
1	73.26	103.56	Open To Flow (1)
29	265.39	112.94	Shut-In (1)
61	990.70	110.15	End Shut-In (1)
62	283.71	109.89	Open To Flow (2)
90	420.91	111.29	Shut-In (2)
136	994.31	112.10	End Shut-In (2)
138	1576.14	112.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMO 20%G, 40%O, 40%M	0.84
185.00	GMO 60%G, 20%O, 20%M	2.60
875.00	FREE OIL 95%O, 5%M	12.27
0.00	860' GIP	0.00

Gas Rates

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

TOOL DIAGRAM

American Warrior Inc.

Dale Benele 2-13

PO Box 399
Garden City, KS 67646

13-19-10 Rice, KS

Job Ticket: 42565

DST#: 1

ATTN: Jim Musgrove

Test Start: 2011.05.10 @ 04:49:53

Tool Information

Drill Pipe:	Length: 3233.00 ft	Diameter: 3.80 inches	Volume: 45.35 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:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	50000.00 lb
			Total Volume: 45.35 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	35000.00 lb
Depth to Top Packer:	3234.00 ft			Final	39000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	66.00 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
Shut In Tool	5.00			3219.00	
Hydraulic tool	5.00			3224.00	
Packer	5.00			3229.00	20.00 Bottom Of Top Packer
Packer	5.00			3234.00	
Stubb	1.00			3235.00	
Perforations	3.00			3238.00	
Change Over Sub	1.00			3239.00	
Recorder	0.00	8372	Inside	3239.00	
Recorder	0.00	8734	Outside	3239.00	
Blank Spacing	32.00			3271.00	
Change Over Sub	1.00			3272.00	
Perforations	25.00			3297.00	
Bullnose	3.00			3300.00	66.00 Bottom Packers & Anchor

Total Tool Length: 86.00



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FLUID SUMMARY

American Warrior Inc.

Dale Benele 2-13

PO Box 399
Garden City, KS 67646

13-19-10 Rice, KS

Job Ticket: 42565

DST#: 1

ATTN: Jim Musgrove

Test Start: 2011.05.10 @ 04:49:53

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 3600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Satinity:

47 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GMD 20%G, 40%O, 40%M	0.842
185.00	GMD 60%G, 20%O, 20%M	2.595
875.00	FREE OIL 95%O, 5%M	12.274
0.00	860' GIP	0.000

Total Length: 1120.00 ft

Total Volume: 15.711 bbl

Num Fluid Samples: 0

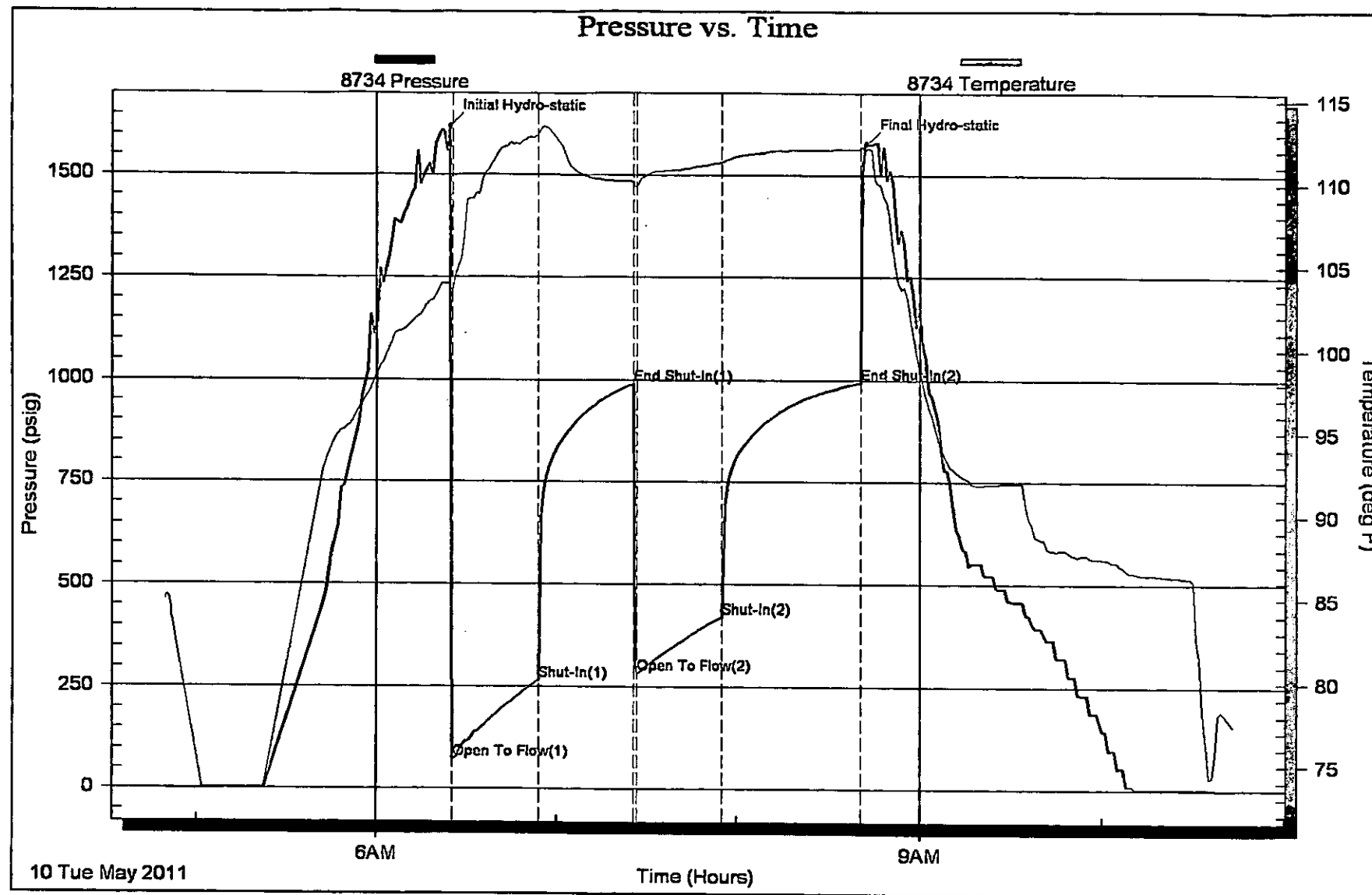
Num Gas Bombs: 0

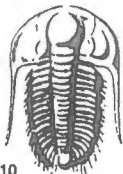
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRIBOLITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 042565

15736

MAY 10 2011

Well Name & No. Ogk Beneke 2-13 BY: Test No. 1 Date 5-10-11
 Company Am Worrior Elevation 1757 KB 1749 GL
 Address 3118 Cummings Rd Po Box 399 Garden City, MO 64246
 Co. Rep / Geo. Jim Musgrove Rig Ogk 8
 Location: Sec. 13 Twp. 19 Rge. 10 Co. Rice State MO

Interval Tested 3234-3300 Zone Tested Archie
 Anchor Length 66 Drill Pipe Run 3233 Mud Wt. 9.2
 Top Packer Depth 3229 Drill Collars Run Vis 51
 Bottom Packer Depth 3234 Wt. Pipe Run WL 8.8
 Total Depth 3300 Chlorides 3600 ppm System LCM

Blow Description IFP-BOB 2 min
ISI-BOB 11 min
FFP-BOB 2 min
FST-4 1/2" blow back-died 31 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>860</u>	<u>GAP</u>				
<u>875</u>	<u>Free Oil</u>		<u>95</u>		<u>5</u>
<u>185</u>	<u>GMO</u>	<u>60</u>	<u>20</u>		<u>20</u>
<u>60</u>	<u>GMO</u>	<u>20</u>	<u>40</u>		<u>40</u>

Rec Feet of %gas %oil %water %mud

Rec Total 1120 BHT 112 Gravity 47 API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 1620 ☒ Test 1125 T-On Location 0159
 (B) First Initial Flow 73 ☐ Jars T-Started 0449
 (C) First Final Flow 265 ☐ Safety Joint T-Open 0625
 (D) Initial Shut-In 991 ☐ Circ Sub T-Pulled 0840
 (E) Second Initial Flow 284 ☐ Hourly Standby T-Out 1043
 (F) Second Final Flow 421 ☒ Mileage 140 RT 1910 Comments
 (G) Final Shut-In 994 ☐ Sampler
 (H) Final Hydrostatic 1576 ☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 45

Sub Total 1321

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total
 Total 1321
 MP/DST Disc't

Approved By

Our Representative Brian Farbak

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