

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City KS 67846

ATTN: Scott Corsair

11 20 21W Ness KS

Shank #1-11

Start Date: 2007.11.01 @ 00:07:28

End Date: 2007.11.01 @ 06:13:28

Job Ticket #: 30176 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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TESTING, INC.**

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American Warrior
PO Box 399
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Test Start: 2007.11.01 @ 00:07:28

GENERAL INFORMATION:

Formation: **Miss**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 01:55:28
Time Test Ended: 06:13:28

Test Type: Conventional Bottom Hole
Tester: Kyle Kinderknecht
Unit No: 42

Interval: **4395.00 ft (KB) To 4405.00 ft (KB) (TVD)**
Total Depth: **4405.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

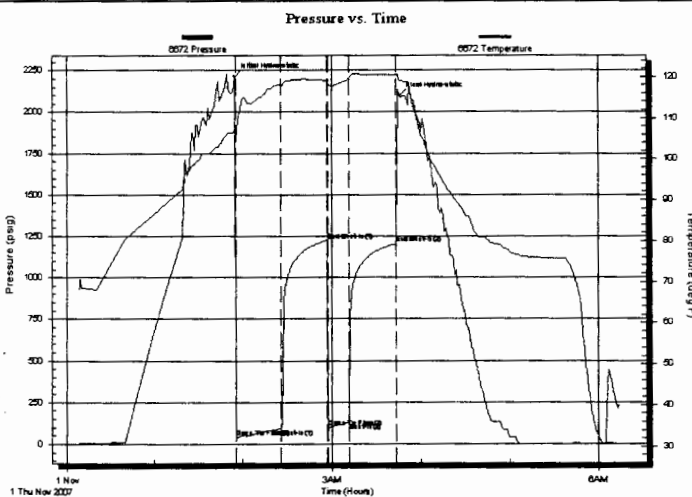
Reference Elevations: **2259.00 ft (KB)**
2254.00 ft (CF)
KB to GR/CF: **5.00 ft**

Serial #: 6672 **Inside**

Press@RunDepth: **128.63 psig @ 4397.00 ft (KB)**
Start Date: **2007.11.01** End Date: **2007.11.01**
Start Time: **00:07:33** End Time: **06:13:27**

Capacity: **7000.00 psig**
Last Calib.: **2007.11.01**
Time On Btm: **2007.11.01 @ 01:54:28**
Time Off Btm: **2007.11.01 @ 03:45:58**

TEST COMMENT: IF BOB 13 min
ISI Surface
FF BOB 15 min
FSI 1 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.92	107.18	Initial Hydro-static
1	42.44	104.88	Open To Flow (1)
32	92.47	117.98	Shut-In(1)
62	1224.15	119.07	End Shut-In(1)
63	99.83	118.02	Open To Flow (2)
77	128.63	119.44	Shut-In(2)
109	1202.22	120.40	End Shut-In(2)
112	2097.11	119.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.07
100.00	MCOW 40%O 40%W 20%M	1.42
60.00	WCO 90%O 10%W	0.85
135.00	GO 10%G 90%O	1.91

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TOOL DIAGRAM

American Warrior

Shank #1-11

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11 20 21W Ness KS

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DST#: 1

ATTN: Scott Corsair

Test Start: 2007.11.01 @ 00:07:28

Tool Information

Drill Pipe:	Length: 4389.00 ft	Diameter: 3.82 inches	Volume: 62.22 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:	55000.00 lb
			Total Volume: 62.22 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	4395.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4368.00	
Shut In Tool	5.00			4373.00	
Hydraulic tool	5.00			4378.00	
Jars	5.00			4383.00	
Safety Joint	2.00			4385.00	
Packer	5.00			4390.00	28.00 Bottom Of Top Packer
Packer	5.00			4395.00	
Stubb	1.00			4396.00	
Perforations	1.00			4397.00	
Recorder	0.00	6672	Inside	4397.00	
Perforations	5.00			4402.00	
Recorder	0.00	13534	Outside	4402.00	
Bullnose	3.00			4405.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



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FLUID SUMMARY

American Warrior

Shank #1-11

PO Box 399
Garden City KS 67846

11 20 21W Ness KS

Job Ticket: 30176

DST#: 1

ATTN: Scott Corsair

Test Start: 2007.11.01 @ 00:07:28

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M	0.071
100.00	MCOW 40%O 40%W 20%M	1.418
60.00	WCO 90%O 10%W	0.851
135.00	GO 10%G 90%O	1.914

Total Length: 300.00 ft

Total Volume: 4.254 bbl

Num Fluid Samples: 0

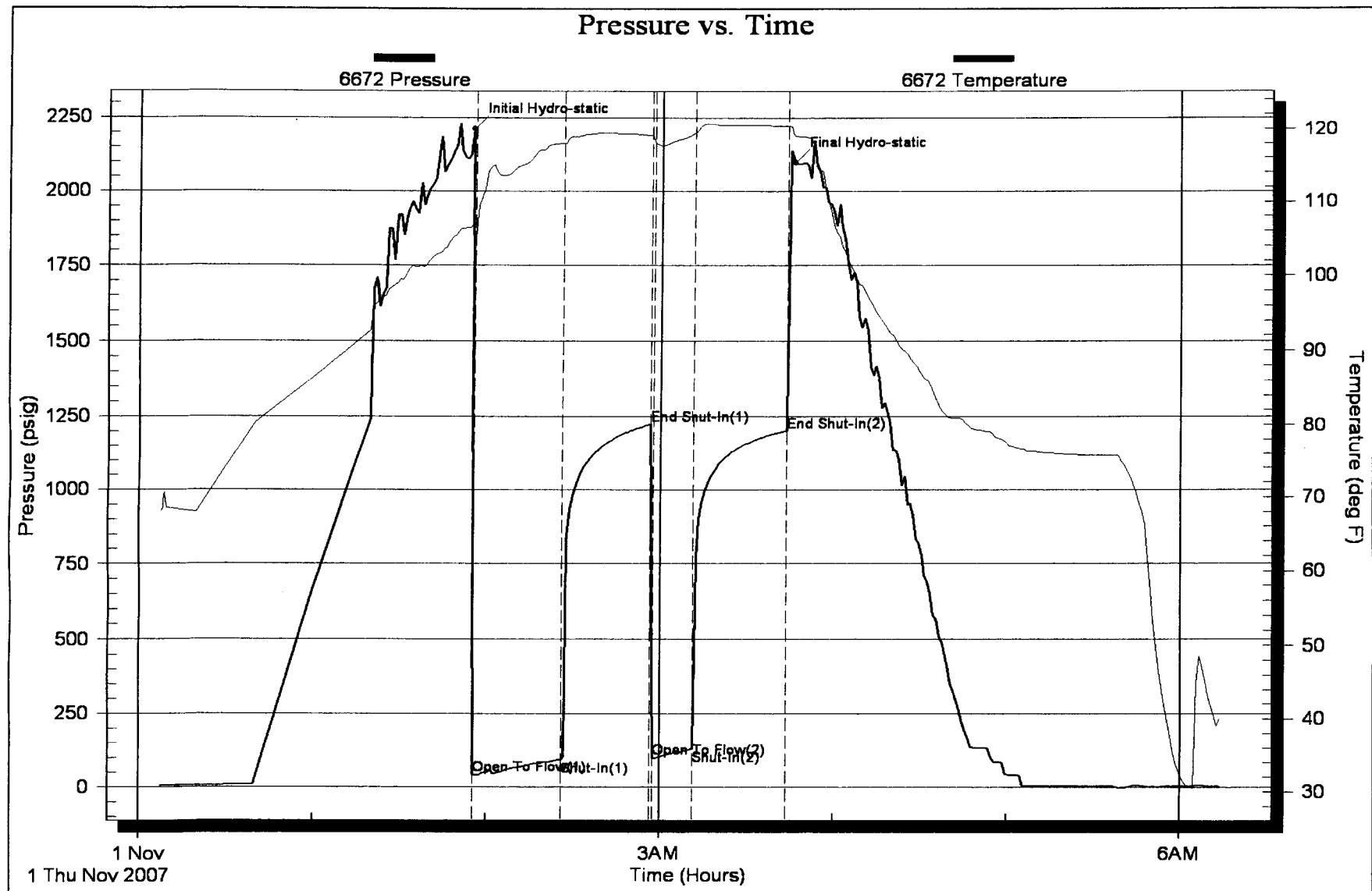
Num Gas Bombs: 0

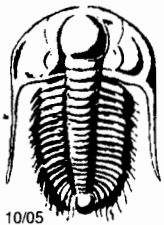
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

30176

RECEIVED
NOV 01 2007

Test Ticket

BY: _____

Well Name & No. Shank #1-11 Test No. 1 Date 10-31-07
 Company American Warrior Zone Tested Miss
 Address P.O. Box 399 Garden City, KS 67846 Elevation 2259 KB 2254 GL
 Co. Rep / Geo. Scott Corsair Rig Petromark #1
 Location: Sec. 11 Twp. 20S Rge. 21W Co. Ness State KS
 Comment: _____ Release date / time: _____

Interval Tested 4395 - 4405 Initial Str Wt./Lbs. 42000 Unseated Str Wt./Lbs. 43,000
 Anchor Length 10' Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 4390 Tool Weight 2500
 Bottom Packer Depth 4395 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4405 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.3 LCM _____ Vis. 47 WL 120S Drill Pipe Size 4 1/2 x 11 Ft. Run 4389
 Blow Description IF-BOB 13 min
ISI - Surface
FF-BOB 15 min
ISI-1"

Recovery - Total Feet 4150 GIP 150 Ft. in DC _____ Ft. in DP 450'
 Rec. 5' Feet of Mud %gas _____ %oil _____ %water _____ %mud _____
 Rec. 100' Feet of Mud %gas 40 %oil 40 %water 20 %mud _____
 Rec. 60' Feet of WCO %gas 90 %oil 10 %water _____ %mud _____
 Rec. 135' Feet of GsyO %gas 90 %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 120 °F Gravity 32 °API D @ 50 °F Corrected Gravity 33 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides _____ ppm System

AK-1	Alpine	Recorder No.	6672	Test	✓	1200
(A) Initial Hydrostatic Mud	2211 PSI	(depth)	4397	Jars	✓	250
(B) First Initial Flow Pressure	42 PSI	Recorder No.	13534	Safety Jt.	✓	75
(C) First Final Flow Pressure	92 PSI	(depth)	4402	Circ Sub		
(D) Initial Shut-In Pressure	1224 PSI	Recorder No.		Sampler		
(E) Second Initial Flow Pressure	99 PSI	(depth)		Straddle		
(F) Second Final Flow Pressure	128 PSI	Initial Opening	30	Ext. Packer		
(G) Final Shut-In Pressure	1202 PSI	Initial Shut-In	30	Shale Packer		
(Q) Final Hydrostatic Mud	2097 PSI	Final Flow	15	Ruined Packer		
		Final Shut-In	30	Mileage	126 63x2	157.50
		T-On Location	23:30	Sub Total:		
		T-Started	00:15	Std. By		
		T-Open	1:55	Acc. Chg:		
		T-Pulled	3:40	Other:		
		T-Out	6:00	Total:		

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Approved By _____
 Our Representative Kyle K.

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

