

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 399
Garden City KS 67846

ATTN: Jason Alm

1 31S 8W Harper KS

Marvel #2

Start Date: 2007.02.13 @ 17:21:25

End Date: 2007.02.14 @ 04:57:10

Job Ticket #: 26906 DST #: 1

15-077-21573

NE SW SW NE

2300 FNL 2210 FEL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior
PO Box 399
Garden City KS 67846
ATTN: Jason Alm

Marvel #2-1
1 31S 8W Harper KS
Job Ticket: 26906 **DST#: 1**
Test Start: 2007.02.13 @ 17:21:25

GENERAL INFORMATION:

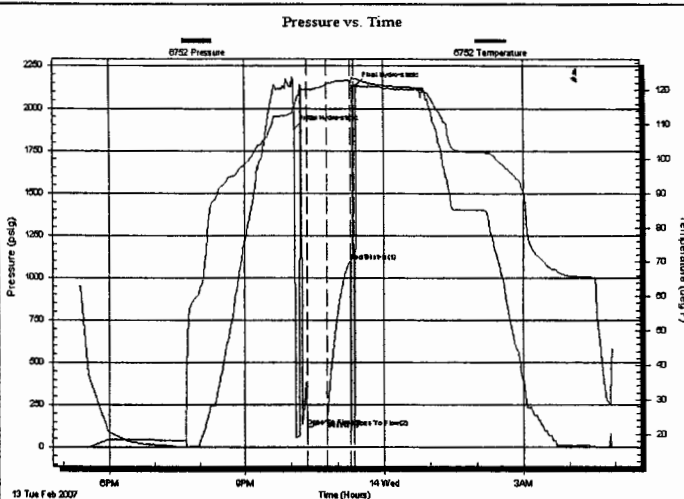
Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:20:40
Time Test Ended: 04:57:10
Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 19
Interval: **4401.00 ft (KB) To 4413.00 ft (KB) (TVD)**
Total Depth: 4413.00 ft (KB) (TVD)
Reference Elevations: 1637.00 ft (KB)
Hole Diameter: 9.88 inches Hole Condition: Poor KB to GR/CF: 1626.00 ft (CF)
11.00 ft

Serial #: 6752

Inside

Press@RunDepth: 152.83 psig @ 4403.00 ft (KB)
Start Date: 2007.02.13 End Date: 2007.02.14
Start Time: 17:21:30 End Time: 04:57:10
Capacity: 7000.00 psig
Last Calib.: 2007.02.14
Time On Btm: 2007.02.13 @ 22:04:54
Time Off Btm: 2007.02.13 @ 23:24:54

TEST COMMENT: IF No Blow Flushed Tool Still No Blow
ISI No Blow back
FF No Blow Surface Equipment Plugged Pulled Test
FSI



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1877.34	115.30	Initial Hydro-static
16	117.53	120.00	Open To Flow (1)
42	152.83	121.73	Shut-In (1)
72	1097.35	122.83	End Shut-In (1)
78	167.24	123.29	Open To Flow (2)
80	2132.90	123.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	GSY SOC MW 28%G 8%O 32%M 32%1.48	
120.00	100%M	0.59

Gas Rates

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

American Warrior

Marvel #2-1

PO Box 399
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1 31S 8W Harper KS

Job Ticket: 26906

DST#: 1

ATTN: Jason Alm

Test Start: 2007.02.13 @ 17:21:25

Tool Information

Drill Pipe:	Length: 3817.00 ft	Diameter: 3.80 inches	Volume: 53.54 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight set on Packer:	lb
Drill Collar:	Length: 588.00 ft	Diameter: 2.25 inches	Volume: 2.89 bbl	Weight to Pull Loose:	lb
		Total Volume:	56.43 bbl	Tool Chased	ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	lb
Depth to Top Packer:	4401.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	34.00 ft				
Number of Packers:	2	Diameter:	9.00 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			4380.00	
Change Over Sub	1.00			4381.00	
Shut In Tool	5.00			4386.00	
Hydraulic tool	5.00			4391.00	
Packer	6.00			4397.00	22.00 Bottom Of Top Packer
Packer	4.00			4401.00	
Stubb	2.00			4403.00	
Recorder	0.00	6752	Inside	4403.00	
Perforations	7.00			4410.00	
Recorder	0.00	6704	Outside	4410.00	
Bullnose	3.00			4413.00	12.00 Bottom Packers & Anchor

Total Tool Length: 34.00



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FLUID SUMMARY

American Warrior

Marvel #2-1

PO Box 399
Garden City KS 67846

1 31S 8W Harper KS

Job Ticket: 26906

DST#: 1

ATTN: Jason Alm

Test Start: 2007.02.13 @ 17:21:25

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: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	GSY SOCMMW 28%G 8%O 32%M 32%W	1.475
120.00	100%M	0.590

Total Length: 420.00 ft

Total Volume: 2.065 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

6752 Pressure

6752 Temperature

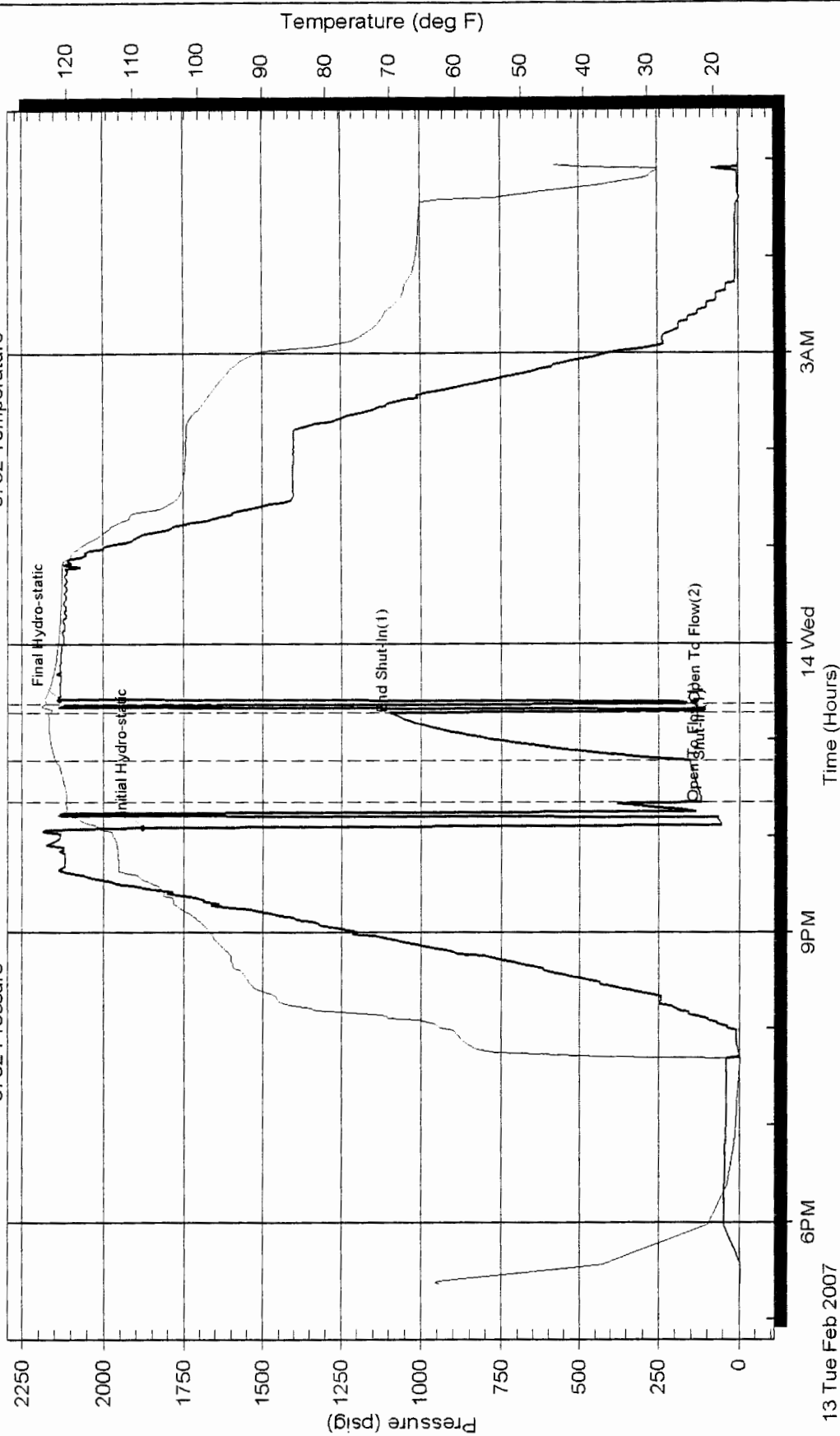


CHART PAGE

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

TICKET# 26906

#6704

