

15-163-23565



**TRILOBITE
TESTING, INC.**

KCC
DEC 12 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

31 9S 20W Rooks KS

McKenna #1-31

Start Date: 2006.11.03 @ 06:40:15

End Date: 2006.11.03 @ 14:53:39

Job Ticket #: 25906 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

McKenna #1-31
31 9S 20W Rocks KS
Job Ticket: 25906 **DST#: 1**
Test Start: 2006.11.03 @ 06:40:15

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 09:11:10

Time Test Ended: 14:53:39

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3837.00 ft (KB) To 3877.00 ft (KB) (TVD)**

Reference Elevations: 2285.00 ft (KB)

Total Depth: 3877.00 ft (KB) (TVD)

2280.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 6753

Inside

Press@RunDepth: 165.99 psig @ 3849.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.11.03

End Date:

2006.11.03

Last Calib.: 2006.11.03

Start Time: 06:40:15

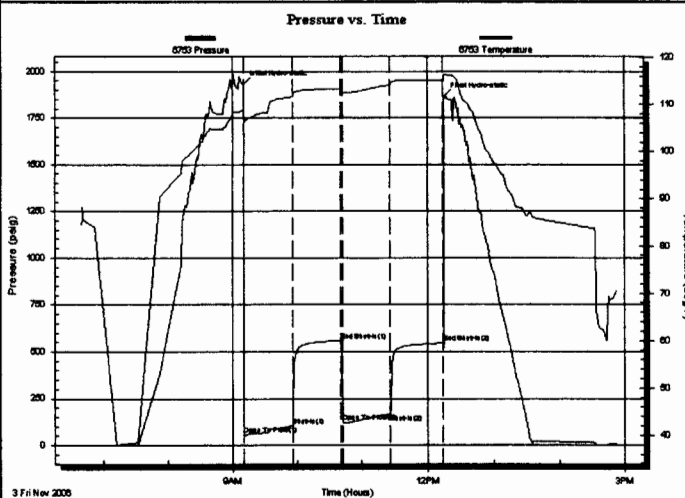
End Time:

14:53:39

Time On Btm: 2006.11.03 @ 09:10:40

Time Off Btm: 2006.11.03 @ 12:14:39

TEST COMMENT: IFP Wk bl thru-out 1/2 " to 4 " bl
FF Wk bl thru-out 1/4 " to 2 1/2 " bl
Times 45 45 45 45
No bl on shut-in



PRESSURE SUMMARY

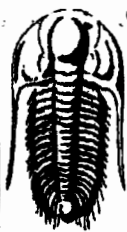
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1932.94	108.77	Initial Hydro-static
1	54.56	106.09	Open To Flow (1)
45	105.50	111.69	Shut-In (1)
90	558.57	113.39	End Shut-In (1)
92	125.71	112.43	Open To Flow (2)
135	165.99	114.16	Shut-In (2)
183	544.90	115.23	End Shut-In (2)
184	1862.62	116.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	HOCWM 20%O 35%W 45%M	1.47
215.00	CO	3.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior Inc

McKenna #1-31

PO Box 399
Garden City KS 67846

31 9S 20W Rooks KS

Job Ticket: 25906

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2006.11.03 @ 06:40:15

Tool Information

Drill Pipe:	Length: 3814.00 ft	Diameter: 3.80 inches	Volume: 53.50 bbl	Tool Weight:	2200.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	53.65 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3837.00 ft			Final	56000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.02 ft				
Tool Length:	61.02 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			3817.00	
Shut In Tool	5.00			3822.00	
Hydraulic tool	5.00			3827.00	
Packer	5.00			3832.00	21.00 Bottom Of Top Packer
Packer	5.00			3837.00	
Stubb	1.00			3838.00	
Perforations	11.00			3849.00	
Recorder	0.01	6753	Inside	3849.01	
Perforations	25.00			3874.01	
Recorder	0.01	13534	Outside	3874.02	
Bullnose	3.00			3877.02	40.02 Bottom Packers & Anchor

Total Tool Length: 61.02

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FLUID SUMMARY

American Warrior Inc

McKenna #1-31

PO Box 399
Garden City KS 67846

31 9S 20W Rooks KS

Job Ticket: 25906 DST#: 1

ATTN: Cecil O'Brate

Test Start: 2006.11.03 @ 06:40:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 22000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	HOCWM 20%O 35%W 45%M	1.466
215.00	CO	3.016

Total Length: 339.00 ft Total Volume: 4.482 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .35 @ 66F

DST Test Number: 1

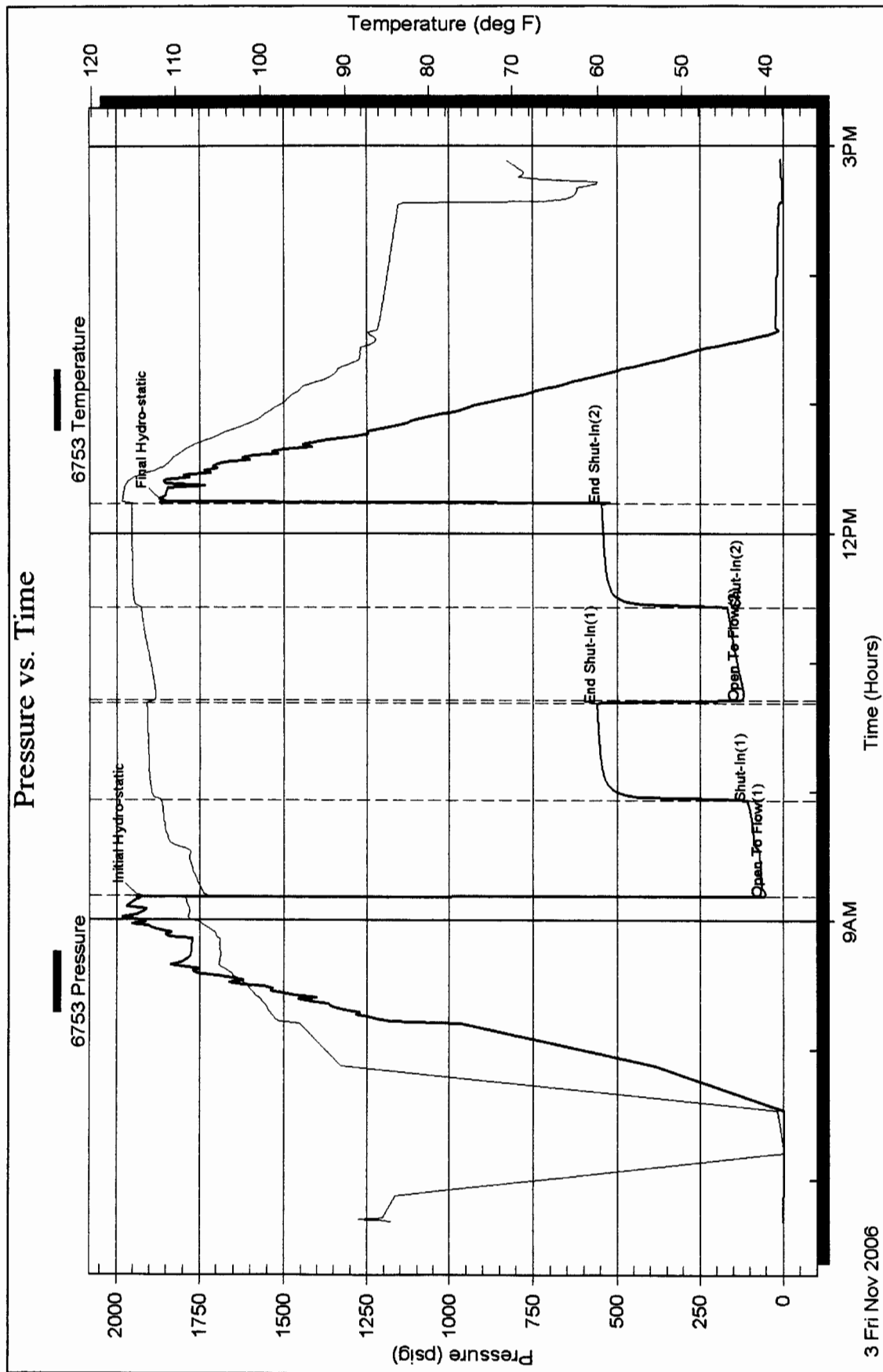
31 9S 20W Rocks KS

American Warrior Inc

Inside

Serial #: 6753

Pressure vs. Time



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