TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior**

PO Box 300
Garden City KS 67846

ATTN: Scott Corsair

23 20 22 Ness KS

Cox 2-23

Start Date: 2007.08.10 @ 06:46:11
End Date: 2007.08.10 @ 13:36:50
Job Ticket #: 28933 DST #: 1

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

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Job Ticket: 28933 **DST#: 1**

Test Start: 2007.08.10 @ 06:46:11

GENERAL INFORMATION:

Formation: **Mississippian**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:15:21
Time Test Ended: 13:36:50

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Interval: 4292.00 ft (KB) To 4354.00 ft (KB) (TVD)
Total Depth: 4354.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:

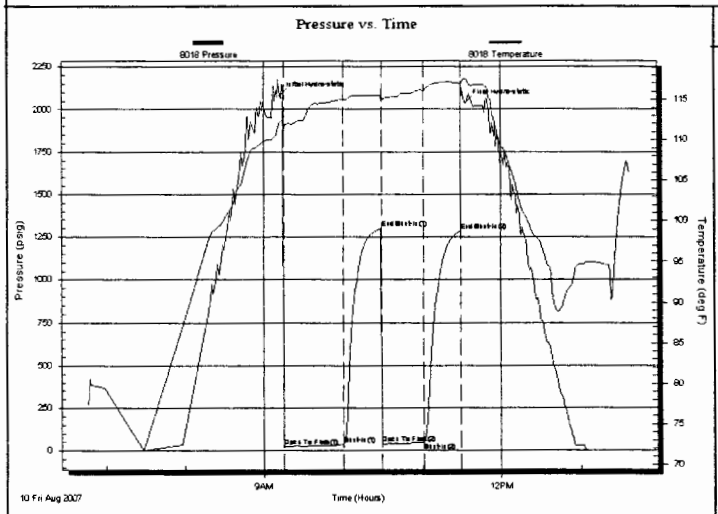
Reference Elevations: 2204.00 ft (KB)
2200.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 8018 **Inside**

Press@RunDepth: 46.96 psig @ 4299.01 ft (KB)
Start Date: 2007.08.10 End Date: 2007.08.10
Start Time: 06:46:11 End Time: 13:36:50

Capacity: 7000.00 psig
Last Calib.: 2007.08.10
Time On Btm: 2007.08.10 @ 09:12:36
Time Off Btm: 2007.08.10 @ 11:33:20

TEST COMMENT: IFP Weak blow throughout 1/2 " - 2 "
ISI No blow back
FFP Sur blow throughout
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.94	112.19	Initial Hydro-static
3	23.62	111.37	Open To Flow (1)
48	34.82	114.99	Shut-In(1)
77	1301.63	115.44	End Shut-In(1)
77	38.78	114.75	Open To Flow (2)
109	46.96	116.05	Shut-In(2)
137	1284.33	116.97	End Shut-In(2)
141	2039.04	117.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	WM 5%W 95%M	0.63
15.00	WOCM 17%O 3%W 80%M	0.21
5.00	FREE OIL 98%O 3%M	0.07

Gas Rates

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

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TOOL DIAGRAM

American Warrior

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Test Start: 2007.08.10 @ 06:46:11

Tool Information

Drill Pipe:	Length:	4292.00 ft	Diameter:	3.80 inches	Volume:	60.21 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	60.21 bbl	

Drill Pipe Above KB:	27.00 ft
Depth to Top Packer:	4292.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	62.02 ft
Tool Length:	89.02 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2500.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	55000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	48000.00 lb
Final	48000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4270.00		
Hydraulic tool	5.00			4275.00		
Jars	5.00			4280.00		
Safety Joint	2.00			4282.00		
Packer	5.00			4287.00	27.00	Bottom Of Top Packer
Packer	5.00			4292.00		
Stubb	1.00			4293.00		
Perforations	5.00			4298.00		
Change Over Sub	1.00			4299.00		
Recorder	0.01	8018	Inside	4299.01		
Blank Spacing	31.00			4330.01		
Change Over Sub	1.00			4331.01		
Perforations	20.00			4351.01		
Recorder	0.01	13548	Outside	4351.02		
Bullnose	3.00			4354.02	62.02	Bottom Packers & Anchor
Total Tool Length:	**89.02**					

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FLUID SUMMARY

American Warrior

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Cox 2-23

23 20 22 Ness KS

Job Ticket: 28933 **DST#: 1**

Test Start: 2007.08.10 @ 06:46:11

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:	7000 ppm
Viscosity:	46.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.96 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4200.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

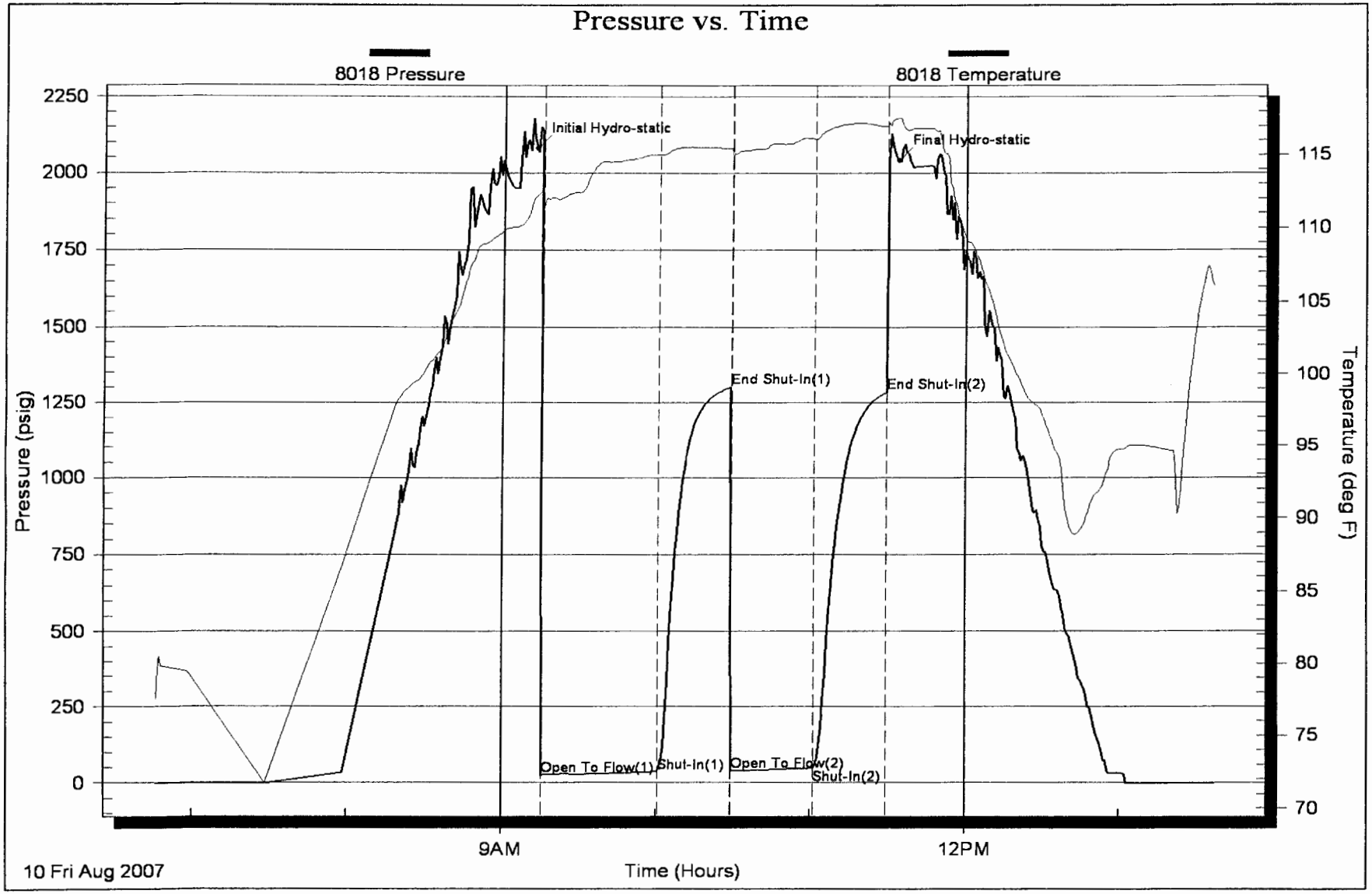
Length ft	Description	Volume bbl
45.00	WM 5%W 95%M	0.631
15.00	WOCM 17%O 3%W 80%M	0.210
5.00	FREE OIL 98%O 3%M	0.070

Total Length: 65.00 ft Total Volume: 0.911 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
Pressure (psig)
Temperature (deg F)
2250
2000
1750
1500
1250
1000
750
500
250
0
115
110
105
100
95
90
85
80
75
70
9AM
12PM
10 Fri Aug 2007
Time (Hours)

28933

10495

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10/05

Test Ticket

Well Name & No. Cox 2-23 Test No. 1 Date 8-10-07

Company American Warrior Zone Tested Mississippian

Address PO Box 399 Garden City, ks 67846 Elevation 2204 KB 2200 GL

Co. Rep / Geo. Scott Corsair Rig Petromark 1

Location: Sec. 23 Twp. 20s Rge. 22w Co. Ness State ks

Comment: Release date / time:

Interval Tested 4292-4354 Initial Str Wt./Lbs. 48,000 Unseated Str Wt/Lbs. 48,000

Anchor Length 62 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 55,000

Top Packer Depth 4287 Tool Weight 2500

Bottom Packer Depth 4292 Hole Size 7 7/8" — Rubber Size 6 3/4" —

Total Depth 4354 Wt. Pipe Run — Drill Collar Run —

Mud Wt. 9.0 LCM — Vis. 46 WL 12.0 Drill Pipe Size 4½ XH Ft. Run 4292

Blow Description IFP- weak blow throughout ½-2
ISI- no blow back
FFP- sur blow throughout
FSI- no blow back

Recovery - Total Feet 65 GIP — Ft. in DC — Ft. in DP 65

Rec. 5	Feet of Free oil	%gas	98	%oil	%water	2	%mud
Rec. 15	Feet of WOCM	%gas	17	%oil	3	%water	80	%mud
Rec. 45	Feet of WM	%gas		%oil	5	%water	95	%mud
Rec.	Feet of	%gas		%oil		%water		%mud
Rec.	Feet of	%gas		%oil		%water		%mud

BHT 117 °F Gravity — °API D @ — °F Corrected Gravity TSTM °API

RW .567 @ 100 °F Chlorides 2000 ppm Recovery — Chlorides 4200 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		2080 PSI	Recorder No.	8018	Test ✓	1200
(B) First Initial Flow Pressure		24 PSI	(depth)	4299	Jars ✓	250
(C) First Final Flow Pressure		35 PSI	Recorder No.	13548	Safety Jt. ✓	75
(D) Initial Shut-In Pressure		1302 PSI	(depth)	4351	Circ Sub	
(E) Second Initial Flow Pressure		39 PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure		47 PSI	(depth)		Straddle	
(G) Final Shut-In Pressure		1284 PSI	**Initial Opening**	45	Ext. Packer	
(Q) Final Hydrostatic Mud		2039 PSI	Initial Shut-In	30	Shale Packer	
			Final Flow	~~45~~ 30	Ruined Packer	181.25
			Final Shut-In	30	Mileage ✓	145 RT
			T-On Location	0542	Sub Total:	1706.25
			T-Started	0646	Std. By	
			T-Open	0915	Acc. Chg:	
			T-Pulled	~~1145~~ 1130	Other:	
			T-Out	1337	Total:	

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Approved By

Our Representative Brian Fairbank (Hays)

7.75

CHART PAGE

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