

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **American Warror**

PO Box 399
Garden City KS 67346

ATTN: Beth Isem

4 27S 7W Kingman KS

Albright # 7-4

Start Date: 2007.09.21 @ 23:08:53

End Date: 2007.09.22 @ 08:35:33

Job Ticket #: 29355 DST #: 1

**CONFIDENTIAL
OCT 24 2007
KCC**

**RECEIVED
KANSAS CORPORATION COMMISSION**

OCT 25 2007

**CONSERVATION DIVISION
WICHITA, KS**

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

American Warror

Albright # 7-4

4 27S 7W Kingman KS

DST # 1

Mississippi

2007.09.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warror
PO Box 399
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ATTN: Beth Isern

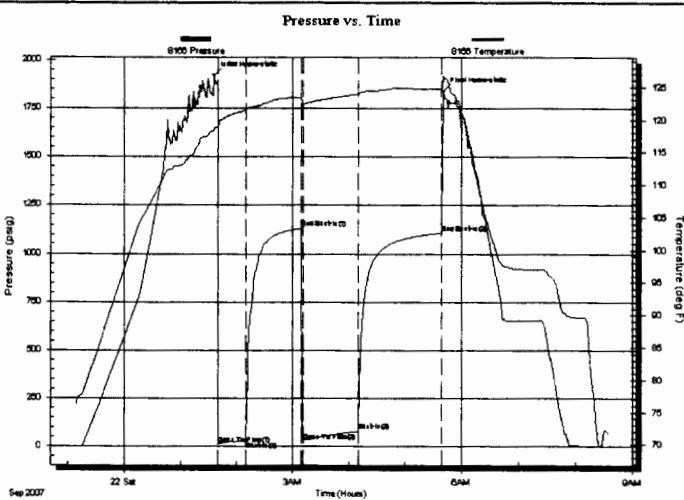
Albright # 7-4
4 27S 7W Kingman KS
Job Ticket: 29355 **DST#: 1**
Test Start: 2007.09.21 @ 23:08:53

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:40:03
Time Test Ended: 08:35:33
Interval: **3847.00 ft (KB) To 3859.00 ft (KB) (TVD)**
Total Depth: 3859.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 24
Reference Elevations: 1584.00 ft (KB)
1573.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8166 **Inside**
Press@RunDepth: 78.35 psig @ 3848.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.09.21 End Date: 2007.09.22 Last Calib.: 2007.09.22
Start Time: 23:08:58 End Time: 08:35:33 Time On Btm: 2007.09.22 @ 01:35:28
Time Off Btm: 2007.09.22 @ 05:41:28

TEST COMMENT: IF Strong Blow BOB in 15 seconds GTS in 27 minutes
ISI Bled Off No Blow back
FF Strong Blow BOB & GTS Immediate Gauged Gas & Took Sample
FSI Bled Off No Blow back



PRESSURE SUMMARY

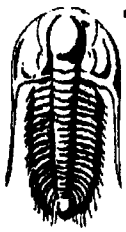
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.16	118.43	Initial Hydro-static
5	11.29	118.93	Open To Flow (1)
35	26.93	121.39	Shut-In(1)
94	1130.82	123.41	End Shut-In(1)
96	26.12	122.28	Open To Flow (2)
155	78.35	123.91	Shut-In(2)
245	1107.82	124.63	End Shut-In(2)
247	1839.82	126.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP 3734 Feet	0.00
60.00	MCW 10%M 90%W	0.57
50.00	GSY WCM 5%G 45%W 50%M	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	6.00	7.64
Last Gas Rate	0.13	19.00	12.50
Max. Gas Rate	0.13	19.00	12.50



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TOOL DIAGRAM

American Warrior
PO Box 399
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ATTN: Beth Isern

Albright # 7-4
4 27S 7W Kingman KS
Job Ticket: 29355 **DST#:1**
Test Start: 2007.09.21 @ 23:08:53

Tool Information

Drill Pipe:	Length: 3814.00 ft	Diameter: 3.80 inches	Volume: 53.50 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 58000.00 lb
		Total Volume:	53.65 bbl	Tool Chased: ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3847.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating sub	1.00			3827.00	
Change Over Sub	1.00			3828.00	
Shut In Tool	5.00			3833.00	
Hydraulic tool	5.00			3838.00	
Packer	5.00			3843.00	21.00 Bottom Of Top Packer
Packer	4.00			3847.00	
Stubb	1.00			3848.00	
Recorder	0.00	8166	Inside	3848.00	
Perforations	8.00			3856.00	
Recorder	0.00	6704	Outside	3856.00	
Bullnose	3.00			3859.00	12.00 Bottom Packers & Anchor

Total Tool Length: 33.00



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FLUID SUMMARY

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Albright # 7-4
4 27S 7W Kingman KS
Job Ticket: 29355 DST#: 1
Test Start: 2007.09.21 @ 23:08:53

Mud and Cushion Information

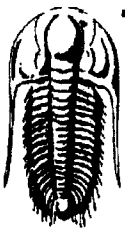
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	22000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 16.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP 3734 Feet	0.000
60.00	MCW 10%M 90%W	0.568
50.00	GSY WCM 5%G 45%W 50%M	0.701

Total Length: 110.00 ft Total Volume: 1.269 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Caraway Laboratory Location: Liberal, KS
 Recovery Comments:



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GAS RATES

American Warrior
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Albright # 7-4

4 27S 7W Kingman KS

Job Ticket: 29355

DST#: 1

ATTN: Beth Isern

Test Start: 2007.09.21 @ 23:08:53

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	5	0.13	6.00	7.64
2	5	0.13	6.00	7.64
2	10	0.13	7.00	8.01
2	15	0.13	8.00	8.38
2	20	0.13	10.00	9.13
2	25	0.13	12.00	9.88
2	30	0.13	14.00	10.63
2	40	0.13	17.00	11.75
2	50	0.13	19.00	12.50

Pressure vs. Time

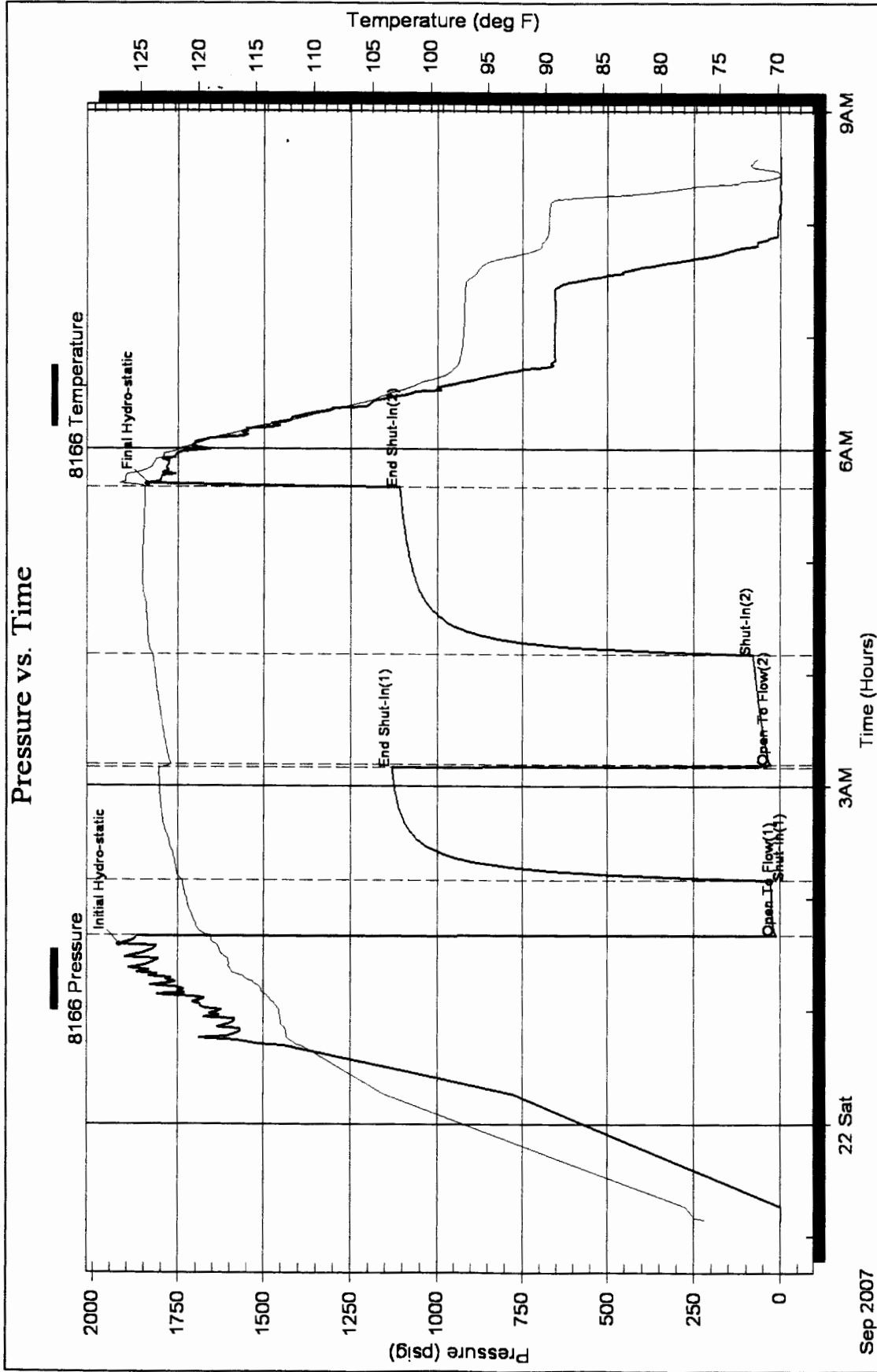


CHART PAGE

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

Ticket # 29355

6704

