

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399
Garden City KS 67648

ATTN: Marc

14-20s-13w

Bushnell #1-14

Start Date: 2007.07.09 @ 05:57:29

End Date: 2007.07.09 @ 13:38:59

Job Ticket #: 28351

DST #: 1

KCC
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CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 24 2007

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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ATTN: Marc

Bushnell #1-14

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Job Ticket: 28351

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Test Start: 2007.07.09 @ 05:57:29

GENERAL INFORMATION:

Formation: **Lansing KC A-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:02:59

Time Test Ended: 13:38:59

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 30

Interval: **3204.00 ft (KB) To 3267.00 ft (KB) (TVD)**

Total Depth: 3267.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1896.00 ft (KB)

1886.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6668

Inside

Press@RunDepth: 351.98 psig @ 3204.00 ft (KB)

Start Date: 2007.07.09

End Date: 2007.07.09

Capacity: 7000.00 psig

Last Calib.: 2007.07.09

Start Time: 05:57:34

End Time: 13:38:58

Time On Btm: 2007.07.09 @ 08:02:29

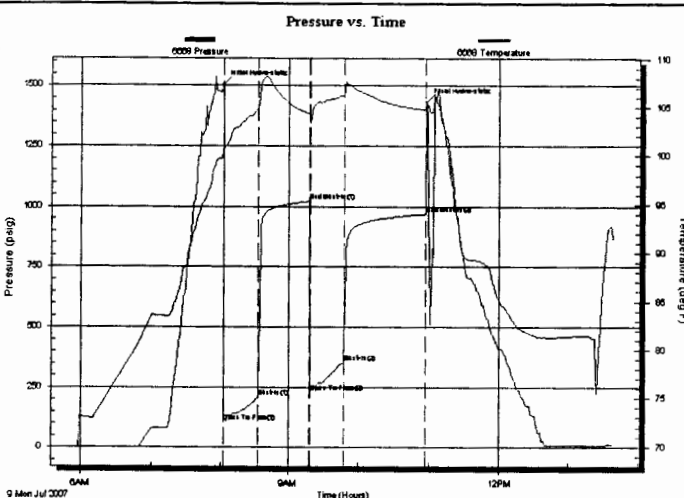
Time Off Btm: 2007.07.09 @ 10:57:29

TEST COMMENT: IF: Strong blow . B.O.B. in 45 secs. G.T.S. in 12 mins. See gas report.

ISl: Bled off. Strong blow back. B.O.B. in 1 min.

FF: Strong blow . B.O.B. immediately. See gas report.

FSl: Bled off. Strong



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1505.74	100.80	Initial Hydro-static
1	106.53	100.74	Open To Flow (1)
31	207.69	104.82	Shut-In(1)
75	1021.73	104.35	End Shut-In(1)
76	231.43	103.41	Open To Flow (2)
105	351.98	106.19	Shut-In(2)
175	969.85	104.79	End Shut-In(2)
175	1433.92	104.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
285.00	Gasy Oil 80%o 20%g	4.00
285.00	Gasy Oil 80%o 20%g	4.00
285.00	Oily Gas 60%o 40%g	4.00
488.00	WGMO 10%w 20%g 30%o 40%o	6.85

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	4.00	6.89
Last Gas Rate	0.13	6.00	7.64
Max. Gas Rate	0.13	6.00	7.64



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TOOL DIAGRAM

American Warrior Inc.

Bushnell #1-14

PO Box 399
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14-20s-13w

Job Ticket: 28351

DST#: 1

ATTN: Marc

Test Start: 2007.07.09 @ 05:57:29

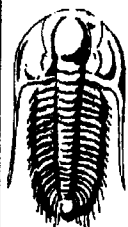
Tool Information

Drill Pipe:	Length:	3212.00 ft	Diameter:	3.80 inches	Volume:	45.06 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:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	100000.0 lb	
						Total Volume:	45.06 bbl	Tool Chased	15.00 ft
Drill Pipe Above KB:	28.00 ft							String Weight: Initial	49000.00 lb
Depth to Top Packer:	3204.00 ft							Final	56000.00 lb
Depth to Bottom Packer:	ft								
Interval between Packers:	63.00 ft								
Tool Length:	83.00 ft								
Number of Packers:	2	Diameter:	6.75 inches						
Tool Comments:									

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3189.00	
Hydraulic tool	5.00			3194.00	
Packer	5.00			3199.00	20.00 Bottom Of Top Packer
Packer	5.00			3204.00	
Recorder	0.00	6668	Inside	3204.00	
Perforations	6.00			3210.00	
Change Over Sub	1.00			3211.00	
Drill Pipe	31.00			3242.00	
Change Over Sub	1.00			3243.00	
Perforations	21.00			3264.00	
Recorder	0.00	13266	Outside	3264.00	
Bullnose	3.00			3267.00	63.00 Bottom Packers & Anchor

Total Tool Length: 83.00



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FLUID SUMMARY

American Warrior Inc.

Bushnell #1-14

PO Box 399
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14-20s-13w

Job Ticket: 28351

DST#: 1

ATTN: Marc

Test Start: 2007.07.09 @ 05:57:29

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: 43.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
285.00	Gas Oil 80%o 20%g	3.998
285.00	Gas Oil 80%o 20%g	3.998
285.00	Oil Gas 60%o 40%g	3.998
488.00	WGMO 10%w 20%g 30%m 40%o	6.845

Total Length: 1343.00 ft

Total Volume: 18.839 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

American Warrior Inc.

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Job Ticket: 28351

DST#: 1

ATTN: Marc

Test Start: 2007.07.09 @ 05:57:29

Gas Rates Information

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

Gas Rates Table

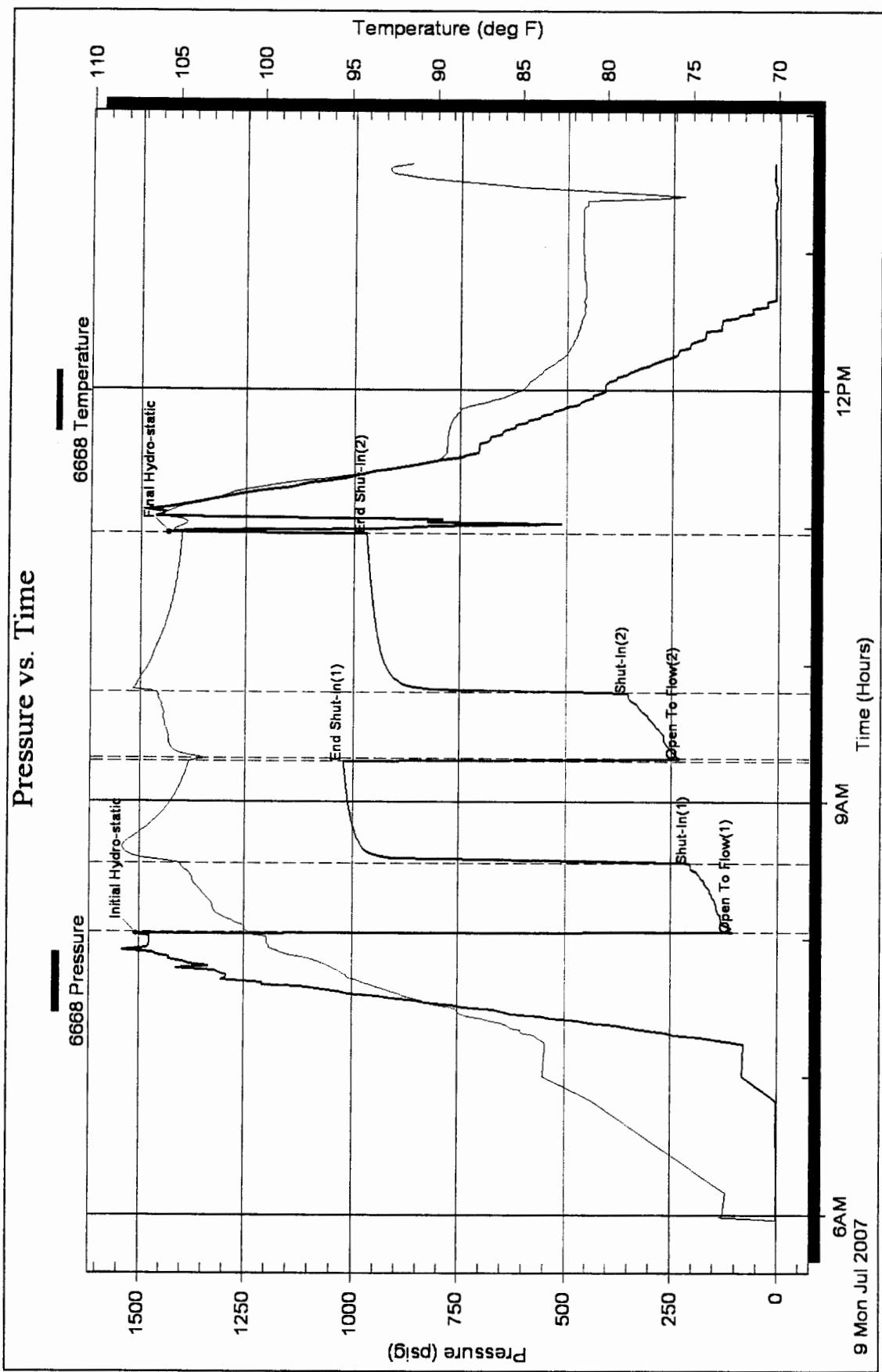
Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	15	0.13	4.00	6.89
1	15	0.13	4.00	6.89
1	20	0.13	3.00	6.51
2	10	0.13	6.00	7.64

DST Test Number: 1

14-20s-13w

Inside American Warrior Inc.

Serial #: 6668





GAS VOLUME REPORT

#1

DST NO.

IF: ATMS 2000

[illegible]

Remarks:

CHART PAGE

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

