

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **American Warrior, inc.**

PO Box 399
Garden City KS 67846-0399

ATTN: Steven P. Murphy

2-32S-15W

Alexander #1-2

Start Date: 2005.05.12 @ 21:22:53

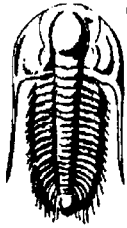
End Date: 2005.05.13 @ 08:16:38

Job Ticket #: 20702 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



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TESTING, INC

DRILL STEM TEST REPORT

American Warrior, inc.
PO Box 399
Garden City KS 67846-0399
ATTN: Steven P. Murphy

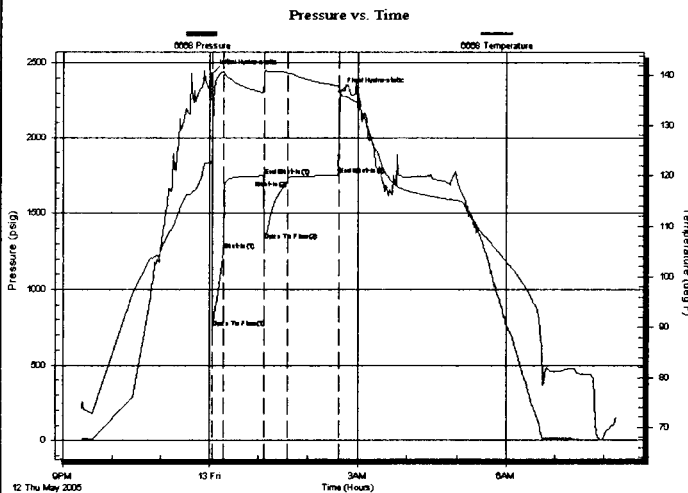
Alexander #1-2
2-32S-15W
Job Ticket: 20702 **DST#: 1**
Test Start: 2005.05.12 @ 21:22:53

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 00:03:23
Time Test Ended: 08:16:38
Test Type: **Conventional Bottom Hole**
Tester: **Darren L. Amerine**
Unit No: **30**
Interval: **4961.00 ft (KB) To 4989.00 ft (KB) (TVD)**
Reference Elevations: **1915.00 ft (KB)**
Total Depth: **4989.00 ft (KB) (TVD)**
1902.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GRVCF: **13.00 ft**

Serial #: 6668 **Inside**
Press@RunDepth: **1720.39 psig @ 4962.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2005.05.12** End Date: **2005.05.13** Last Calib.: **2005.05.13**
Start Time: **21:22:54** End Time: **08:16:38** Time On Btm: **2005.05.13 @ 00:02:23**
Time Off Btm: **2005.05.13 @ 02:38:08**

TEST COMMENT: IF: Strong blow b.o.b in 30 sec.
IS: Bled down for 2 mins. weak surface blow back.
FF: Strong blow b.o.b in 90 sec.
FS: Bled down for 5 mins. no blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2428.88	123.11	Initial Hydro-static
1	742.67	128.55	Open To Flow (1)
15	1252.03	140.93	Shut-In(1)
64	1746.53	136.58	End Shut-In(1)
64	1316.03	139.22	Open To Flow (2)
93	1720.39	140.66	Shut-In(2)
155	1748.48	137.95	End Shut-In(2)
156	2306.95	136.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3380.00	salt water	45.73
120.00	HMCW 60% mud 40% water	1.68

Gas Rates

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

American Warrior, inc.

Alexander #1-2

PO Box 399
Garden City KS 67846-0399

2-32S-15W

Job Ticket: 20702

DST#: 1

ATTN: Steven P. Murphy

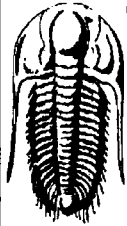
Test Start: 2005.05.12 @ 21:22:53

Tool Information

Drill Pipe:	Length: 4772.61 ft	Diameter: 3.80 inches	Volume: 66.95 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: 184.39 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 92000.00 lb
		Total Volume:	67.86 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4961.00 ft			Final 87000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	57.00 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			4933.00	
Shut In Tool	5.00			4938.00	
Hydraulic tool	5.00			4943.00	
Jars	5.00			4948.00	
Safety Joint	3.00			4951.00	
Packer	5.00			4956.00	29.00 Bottom Of Top Packer
Packer	5.00			4961.00	
Stubb	1.00			4962.00	
Recorder	0.00	6668	Inside	4962.00	
Anchor	24.00			4986.00	
Recorder	0.00	13226	Outside	4986.00	
Bullnose	3.00			4989.00	28.00 Bottom Packers & Anchor

Total Tool Length: 57.00



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FLUID SUMMARY

American Warrior, inc.

Alexander #1-2

PO Box 399
Garden City KS 67846-0399

2-32S-15W

Job Ticket: 20702

DST#: 1

ATTN: Steven P. Murphy

Test Start: 2005.05.12 @ 21:22:53

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: 165000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.98 in³

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.32 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3380.00	salt w ater	45.733
120.00	HMCW 60% mud 40% w ater	1.683

Total Length: 3500.00 ft Total Volume: 47.416 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .06@65' degrees=165000

Serial #: 6668

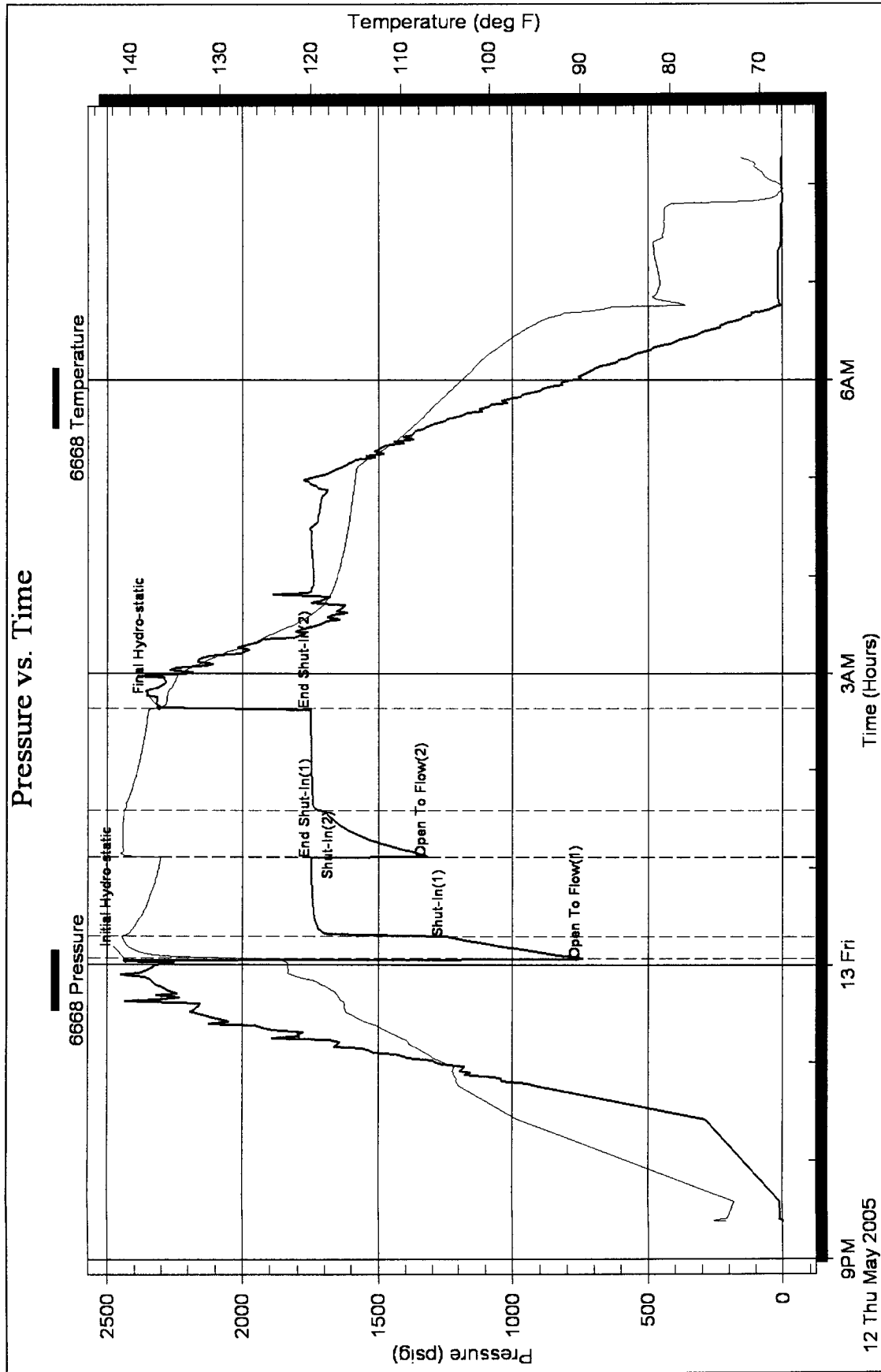
Inside

American Warrior, Inc.

2-32S-15W

DST Test Number: 1

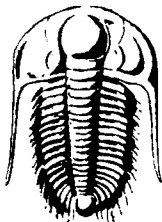
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 20702

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 20702

05/03

Test Ticket

Well Name & No. Alexander #1-2 Test No. #1 Date 5-12-05
Company American Warrior, Inc. PO box 399 Zone Tested Simpson
Address Carden City, KS. 67846-0399 Elevation 1915' KB 1902' GL
Co. Rep / Geo. Steven P Murphy Cont. Duke #7 Est. Ft. of Pay _____ Por. _____ %
Location: Sec. 2 Twp. 32S Rge. 15W Co. Barber, Co State KS
No. of Copies 5 Distribution Sheet (Y, N) _____ Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested 4961 - 4989' Initial Str Wt./Lbs. 73000 Unseated Str Wt/Lbs. 87000
Anchor Length 28' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 92000
Top Packer Depth 4956' Tool Weight 2100
Bottom Packer Depth 4961 Hole Size 7 7/8" Rubber Size 6 3/4"
Total Depth 4989 Wt. Pipe Run N/A Drill Collar Run 184.39
Mud Wt. 9.0 LCM 4# Vis. 58 WL 10 Drill Pipe Size 4 1/2 x 4 Ft. Run 4772.61
Blow Description IF: Strong blow b.o.p. in 30 sec.
ISF: Bled down for 2 mins. Weak surface blow back.
FF: Strong blow b.o.p. in 90 sec.
FSI: Bled down for 5 mins. No blow back.
Recovery - Total Feet 3600' GIP N/A Ft. in DC 484. - Ft. in DP 3416. -
Rec. 120' Feet of HMCW %gas _____ %oil 40 %water 60 %mud _____
Rec. 3380' Feet of Sgt. Water %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
BHT 138° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
RW .06 @ 65° °F Chlorides 165000 ppm Recovery _____ Chlorides 6500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	2429	PSI	6668	1050
(B) First Initial Flow Pressure	743	PSI	4962	
(C) First Final Flow Pressure	1252	PSI	13266	
(D) Initial Shut-In Pressure	1747	PSI	4986	
(E) Second Initial Flow Pressure	1316	PSI		
(F) Second Final Flow Pressure	1720	PSI		
(G) Final Shut-In Pressure	1748	PSI	Initial Opening	
(Q) Final Hydrostatic Mud	2307	PSI	Initial Shut-In	
			Final Flow	
			Final Shut-In	
			T-On Location	
			T-Started	
			T-Open	
			T-Pulled	
			T-Out	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]

Test ✓ 1050
Elec. Rec. ✓
Jars ✓ 200
Safety Jt. ✓ 50
Circ Sub ✓ 35
Sampler _____
Straddle _____
Ext. Packer _____
Shale Packer _____
Mileage 54 54
Sub Total: 1389
Std. By 244 82.50
Other _____
Total: \$ 1441.50

CHART PAGE

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

