

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

23 19S 22W Ness KS

Delaney #1-23

Start Date: 2007.01.07 @ 07:10:30

End Date: 2007.01.07 @ 13:30:54

Job Ticket #: 25264 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior Inc

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

Delaney #1-23

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Job Ticket: 25264

DST#: 1

Test Start: 2007.01.07 @ 07:10:30

GENERAL INFORMATION:

Formation: **Cher Sd**

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

Time Tool Opened: 09:29:55

Time Test Ended: 13:30:54

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **4260.00 ft (KB) To 4281.00 ft (KB) (TVD)**

Total Depth: **4281.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Poor**

Reference Elevations: **2237.00 ft (KB)**

2232.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6753

Inside

Press@RunDepth: **86.29 psig @ 4261.01 ft (KB)**

Start Date: **2007.01.07**

End Date:

2007.01.07

Capacity: **7000.00 psig**

Last Calib.: **2007.01.07**

Start Time: **07:10:30**

End Time:

13:30:54

Time On Btm: **2007.01.07 @ 09:29:25**

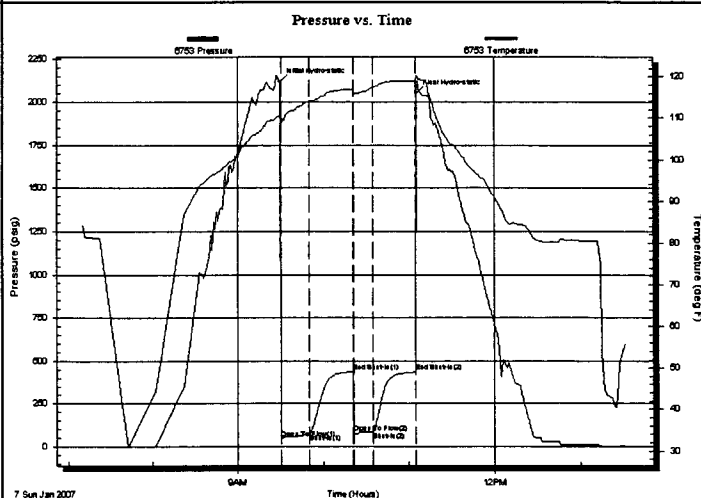
Time Off Btm: **2007.01.07 @ 11:05:25**

TEST COMMENT: **IFP Wk to strg in 16 min**

FFP Wk to strg in 4 min

Times 20 30 15 30

ISIP Surface bl bk FSIP Surface bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2118.78	110.40	Initial Hydro-static
1	45.34	107.99	Open To Flow (1)
21	70.93	113.95	Shut-In(1)
51	436.60	116.91	End Shut-In(1)
52	75.94	115.83	Open To Flow (2)
66	86.29	117.30	Shut-In(2)
96	434.73	118.98	End Shut-In(2)
96	2052.63	120.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	CO	0.30
62.00	GMO 48%G 47%O 5%M	0.30
72.00	HO&GCM 15%G 35%O 50%M	0.50
0.00	420' GIP	0.00

Gas Rates

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

American Warrior Inc

Delaney #1-23

PO Box 399
Garden City KS 67846

23 19S 22W Ness KS

Job Ticket: 25264

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2007.01.07 @ 07:10:30

Tool Information

Drill Pipe:	Length: 4076.00 ft	Diameter: 3.80 inches	Volume: 57.18 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	58.07 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4260.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	21.02 ft				
Tool Length:	49.02 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			4233.00	
Shut In Tool	5.00			4238.00	
Hydraulic tool	5.00			4243.00	
Jars	5.00			4248.00	
Safety Joint	2.00			4250.00	
Packer	5.00			4255.00	28.00 Bottom Of Top Packer
Packer	5.00			4260.00	
Stubb	1.00			4261.00	
Recorder	0.01	6753	Inside	4261.01	
Perforations	17.00			4278.01	
Recorder	0.01	13534	Outside	4278.02	
Bullnose	3.00			4281.02	21.02 Bottom Packers & Anchor

Total Tool Length: 49.02



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FLUID SUMMARY

American Warrior Inc

Delaney #1-23

PO Box 399
Garden City KS 67846

23 19S 22W Ness KS

Job Ticket: 25264

DST#: 1

ATTN: Cecil O'Brate

Test Start: 2007.01.07 @ 07:10:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	CO	0.305
62.00	GMO 48%G 47%O 5%M	0.305
72.00	HO&GCM 15%G 35%O 50%M	0.500
0.00	420' GIP	0.000

Total Length: 196.00 ft

Total Volume: 1.110 bbl

Num Fluid Samples: 0

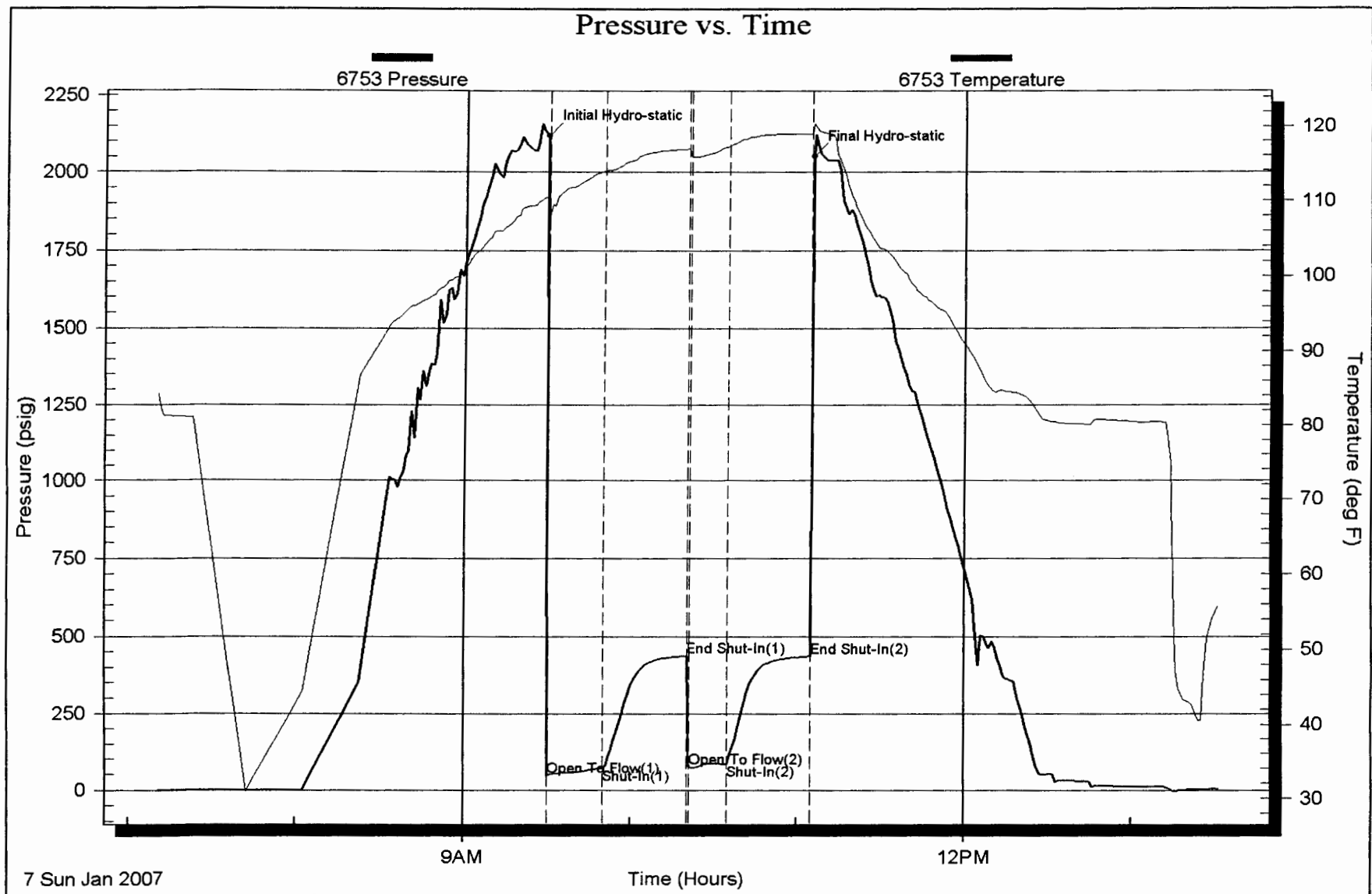
Num Gas Bombs: 0

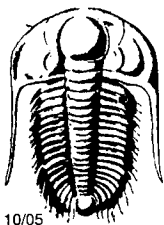
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25264 ✓

9721 ✓

Test Ticket

Well Name & No. DeLaney #1-23 Test No. 1 Date 1-7-07
 Company AMERICAN WARRIOR INC Zone Tested Cher. 5d
 Address P.O. Box 399 Garden City, Ks 67846 Elevation 2237 KB 2232 GL
 Co. Rep / Geo. SCOTT CORSAIR Rig PETROMARK rig 1
 Location: Sec. 23 Twp. 19^s Rge. 22^w Co. Ness State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4260 - 4281 Initial Str Wt./Lbs. 64000 Unseated Str Wt./Lbs. 64000
 Anchor Length 21 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 75000
 Top Packer Depth 4255 Tool Weight 2200
 Bottom Packer Depth 4260 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4281 Wt. Pipe Run _____ Drill Collar Run 180
 Mud Wt. 9.3 LCM 2[#] Vis. 53 WL 7.2 Drill Pipe Size 4 1/2 x H Ft. Run 4076
 Blow Description IFP - WEAK TO STRONG IN 16 MIN
FFP - WEAK TO STRONG IN 4 MIN
ISIP - SURFACE BLOW BACK
FSIP - SURFACE BLOW BACK

Recovery - Total Feet 196 GIP 420 Ft. in DC 180 Ft. in DP 16
 Rec. 72 Feet of HO + 6 CM 15 %gas 35 %oil %water 50 %mud
 Rec. 62 Feet of GMO 48 %gas 47 %oil %water 5 %mud
 Rec. 62 Feet of CO %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 119 °F Gravity 37 °API D @ 60 °F Corrected Gravity 37 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4900 ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		<u>2069</u> PSI	Recorder No.	<u>6753</u>	Test ✓	<u>1200</u>
(B) First Initial Flow Pressure		<u>45</u> PSI	(depth)	<u>4261</u>	Jars ✓	<u>250</u>
(C) First Final Flow Pressure		<u>70</u> PSI	Recorder No.	<u>13534</u>	Safety Jt. ✓	<u>75</u>
(D) Initial Shut-In Pressure		<u>436</u> PSI	(depth)	<u>4278</u>	Circ Sub	
(E) Second Initial Flow Pressure		<u>75</u> PSI	Recorder No.	<u>-</u>	Sampler	
(F) Second Final Flow Pressure		<u>86</u> PSI	(depth)	<u>-</u>	Straddle	
(G) Final Shut-In Pressure		<u>434</u> PSI	Initial Opening	<u>20</u>	Ext. Packer	
(Q) Final Hydrostatic Mud		<u>2035</u> PSI	Initial Shut-In	<u>30</u>	Shale Packer	

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Approved By [Signature]

Our Representative RAY SCHWAGER Thank you

Final Flow 15
 Final Shut-In 30
 T-On Location 0430
 T-Started 0710
 T-Open 0930
 T-Pulled 1105
 T-Out 1330

Test ✓ 1200
 Jars ✓ 250
 Safety Jt. ✓ 75
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage ✓ 112 RT 140
 Sub Total: 1665
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

CHART PAGE

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

