

DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City KS 67846

ATTN: Cecil O'Brate

24 20 21 Ness KS

Isern # 1-24

Start Date: 2007.12.01 @ 05:13:45

End Date: 2007.12.01 @ 12:09:15

Job Ticket #: 30440 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

15-135-24716

24-20s-21w



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

AmWarrior Inc
 Box 399
 Garden City Ks 67846
 ATTN: Cecil O'Brate

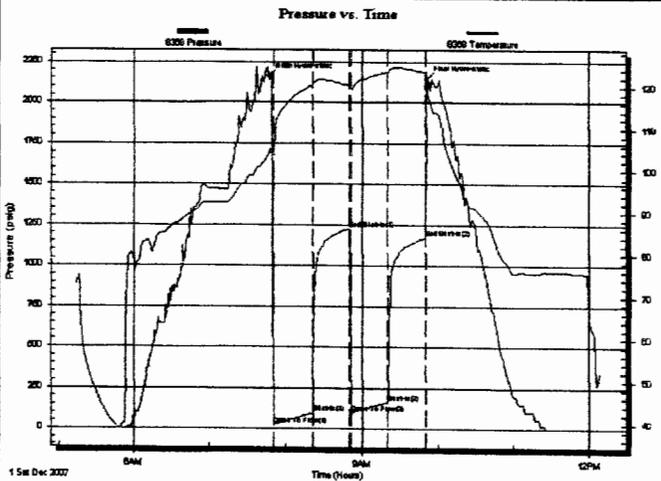
Isern 1-24
 24-20-21-Ness-Ks
 Job Ticket: 30440 DST#: 1
 Test Start: 2007.12.01 @ 05:13:45

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 07:50:15
 Time Test Ended: 12:09:15
 Interval: **4384.00 ft (KB) To 4393.00 ft (KB) (TVD)**
 Total Depth: **4393.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Dan Bangle**
 Unit No: **38**
 Reference Elevations: **2235.00 ft (KB)**
2230.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: **8368** Inside
 Press@RunDepth: **160.69 psig @ 4385.00 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2007.12.01** End Date: **2007.12.01** Last Calib.: **2007.12.01**
 Start Time: **05:13:45** End Time: **12:09:15** Time On Btm: **2007.12.01 @ 07:46:45**
 Time Off Btm: **2007.12.01 @ 09:51:45**

TEST COMMENT: IF-Weak building to fair blow B-B in 10 min
 IS-Weak steady surface blow
 FF-Weak building to 5"
 FSI Weak steady surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.30	104.57	Initial Hydro-static
4	24.93	104.46	Open To Flow (1)
35	95.63	120.29	Shut-In(1)
64	1227.39	120.30	End Shut-In(1)
65	98.62	119.59	Open To Flow (2)
94	160.69	123.47	Shut-In(2)
124	1170.95	123.36	End Shut-In(2)
125	2147.51	118.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 30%o 70%m	0.84
330.00	CGsyO 10%g 90%o	4.63
0.00	350 GP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcfd)

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TOOL DIAGRAM

American Warrior Inc
 PO Box 399
 Garden City KS 67846
 ATTN: Cecil O'Brate

Isern # 1-24
24 20 21 Ness KS
 Job Ticket: 30440 **DST#: 1**
 Test Start: 2007.12.01 @ 05:13:45

Tool Information

Drill Pipe:	Length: 4358.00 ft	Diameter: 3.80 inches	Volume: 61.13 bbl	Tool Weight: 2000.00 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 61.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	4384.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	38.00 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			4356.00	
Shut In Tool	5.00			4361.00	
Hydraulic tool	5.00			4366.00	
Jars	5.00			4371.00	
Safety Joint	3.00			4374.00	
Packer	5.00			4379.00	29.00 Bottom Of Top Packer
Packer	5.00			4384.00	
Stubb	1.00			4385.00	
Recorder	0.00	8368	Inside	4385.00	
Perforations	5.00			4390.00	
Recorder	0.00	13254	Outside	4390.00	
Bullnose	3.00			4393.00	9.00 Bottom Packers & Anchor

Total Tool Length: 38.00



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FLUID SUMMARY

American Warrior Inc
PO Box 399
Garden City KS 67846
ATTN: Cecil O'Brate

Isern # 1-24
24 20 21 Ness KS
Job Ticket: 30440 **DST#: 1**
Test Start: 2007.12.01 @ 05:13:45

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl	
Water Loss: 11.99 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 30%O 70%M	0.842
330.00	CGO 10%G 90%O	4.629
0.00	350 GIP	0.000

Total Length: 390.00 ft Total Volume: 5.471 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8368

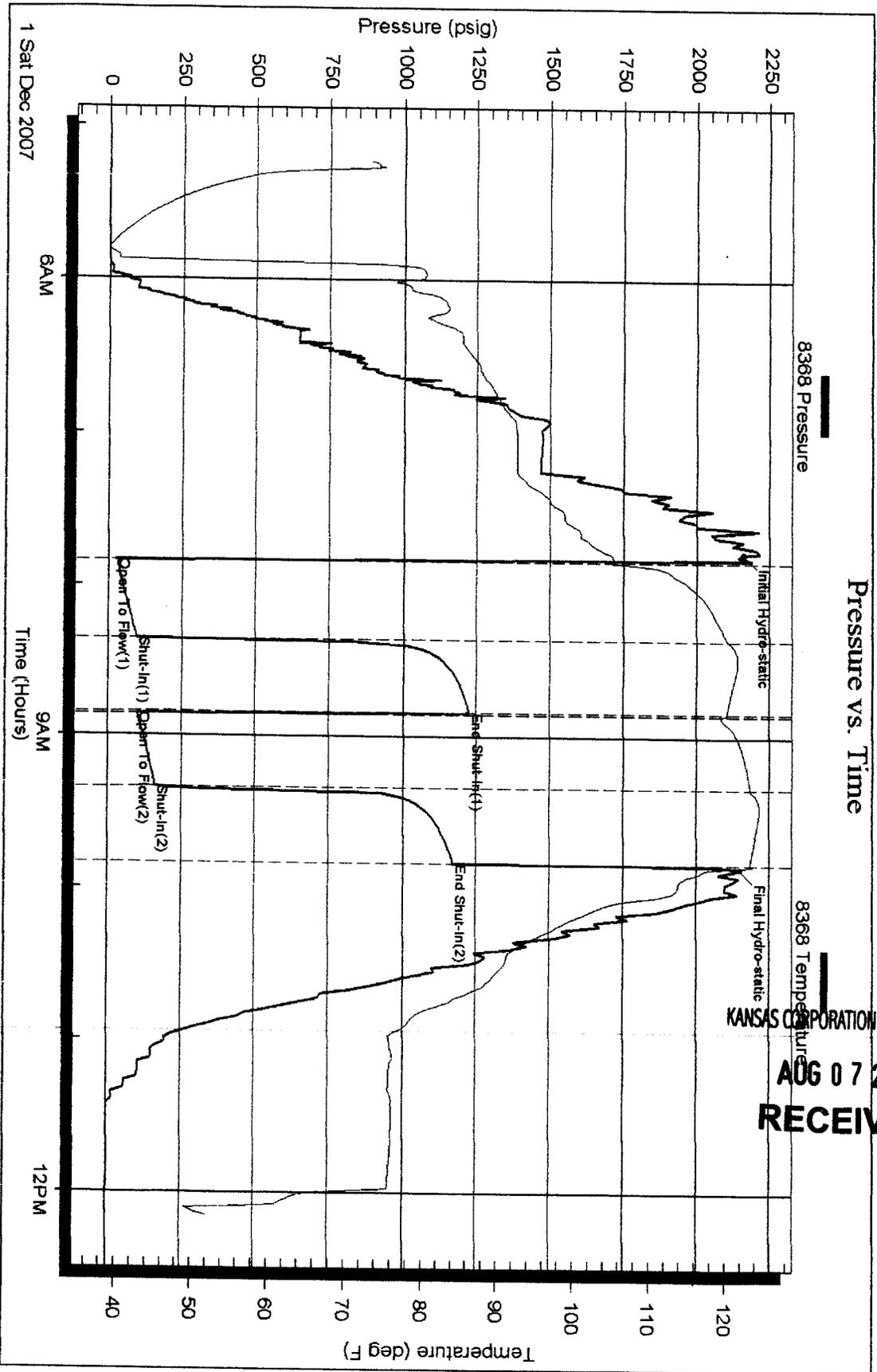
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24-20-21-Ness-Ks

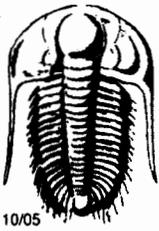
ST Test Number: 1

Pressure vs. Time



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P.O. Box 362 • Hays, Kansas 67601

30446

Test Ticket

Well Name & No. Isern 1-24 Test No. 1 Date 12-1-07
 Company American Warrior Inc. Zone Tested Miss
 Address Box 399 Garden City Ks 67846 Elevation 2235 KB 2230 GL
 Co. Rep / Geo. Scott Casair Rig Petromark #1
 Location: Sec. 24 Twp. 20 Rge. 21 Co. Ness State Ks
 Comment: _____ Release date / time: _____

Interval Tested 4384 ————— 4393 Initial Str Wt./Lbs. 34,000 Unseated Str Wt./Lbs. 36,000
 Anchor Length 9 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 4378 Tool Weight 2000
 Bottom Packer Depth 4384 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 4393 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.3 LCM _____ Vis. 47 WL 12 Drill Pipe Size 4.5XH Ft. Run 4358
 Blow Description F.F. Weak - building to fair blow B-B in 10 min.
151 - weak steady surface blow
F.F. Weak - building to 5"
FSI - weak - steady surface blow

Recovery - Total Feet <u>390</u>	GIP <u>350</u>	Ft. in DC _____	Ft. in DP <u>390</u>
Rec. <u>390</u>	Feet of <u>CGSYO</u>	<u>10</u> %gas	<u>90</u> %oil
Rec. <u>60</u>	Feet of <u>OCM</u>	%gas <u>30</u>	%oil <u>70</u>
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT <u>123</u>	'F Gravity _____	'API D @ _____	'F Corrected Gravity <u>36</u>
RW _____ @ _____	'F Chlorides _____	ppm Recovery _____	Chlorides <u>6,000</u> ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>2159</u>	PSI	<u>0368</u>	_____
(B) First Initial Flow Pressure	<u>24</u>	PSI	(depth) <u>4385</u>	Jars <u>X</u>
(C) First Final Flow Pressure	<u>95</u>	PSI	Recorder No. <u>13254</u>	Safety Jt. <u>X</u>
(D) Initial Shut-In Pressure	<u>1227</u>	PSI	(depth) <u>4390</u>	Circle _____
(E) Second Initial Flow Pressure	<u>98</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>160</u>	PSI	(depth) _____	Straddle <u>AUG 07 2009</u>
(G) Final Shut-In Pressure	<u>1170</u>	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>2147</u>	PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>30</u>	Mileage <u>112 RT</u>
			T-On Location <u>04:45</u>	Sub Total: _____
			T-Started <u>05:13</u>	Std. By _____
			T-Open <u>07:50</u>	Acc. Chg: _____
			T-Pulled <u>09:50</u>	Other: _____
			T-Out <u>12:09</u>	Total: _____

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Approved By _____
 Our Representative Dan Bangle

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CHART PAGE

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

