



DRILL STEM TEST REPORT

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

P.O. Box 399
Garden City KS 67846

ATTN: Jason Alm

17 21S24 Hodgeman Ks

Jerrod Nuss #1-17

Start Date: 2010.02.21 @ 20:45:05

End Date: 2010.02.22 @ 02:48:59

Job Ticket #: 37087 DST #: 1

KCC
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CONFIDENTIAL

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Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

Jerrod Nuss #1-17

P.O. Box 399
Garden City KS 67846

17 21S24 Hodgeman Ks

Job Ticket: 37087

DST#: 1

ATTN: Jason Alm

Test Start: 2010.02.21 @ 20:45:05

Tool Information

Drill Pipe:	Length: 3937.00 ft	Diameter: 3.80 inches	Volume: 55.23 bbl	Tool Weight: 1500.00 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: 480.00 ft	Diameter: 2.25 inches	Volume: 2.36 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 77000.00 lb
Depth to Top Packer:	4430.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4403.00	
Shut In Tool	5.00			4408.00	
Hydraulic tool	5.00			4413.00	
Jars	5.00			4418.00	
Safety Joint	3.00			4421.00	
Packer	5.00			4426.00	28.00 Bottom Of Top Packer
Packer	4.00			4430.00	
Stubb	1.00			4431.00	
Recorder	0.00	8322	Inside	4431.00	
Recorder	0.00	8166	Inside	4431.00	
Perforations	4.00			4435.00	
Bullnose	5.00			4440.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



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Job Ticket: 37087 DST#: 1

ATTN: Jason Alm

Test Start: 2010.02.21 @ 20:45:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.95 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	ocm 98 %m 2% o	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

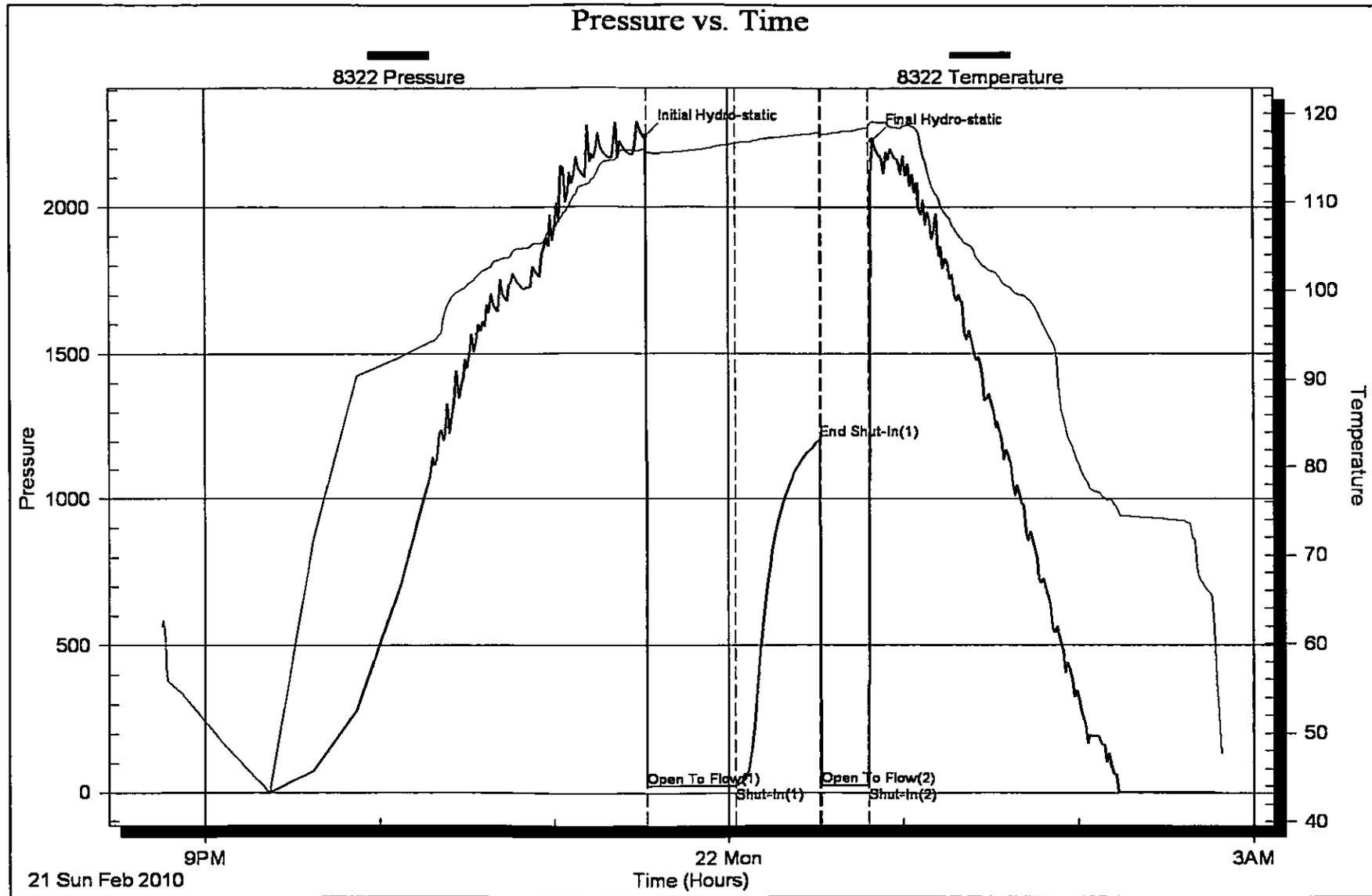
Num Gas Bombs: 0

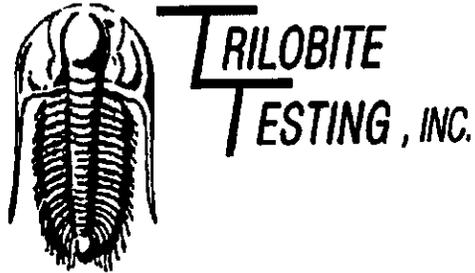
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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

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ATTN: Jason Alm

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Jerrold Nuss #1-17

Start Date: 2010.02.22 @ 10:00:05

End Date: 2010.02.22 @ 18:06:44

Job Ticket #: 37088 DST #: 2

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ATTN: Jason Alm

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Job Ticket: 37088 DST#: 2

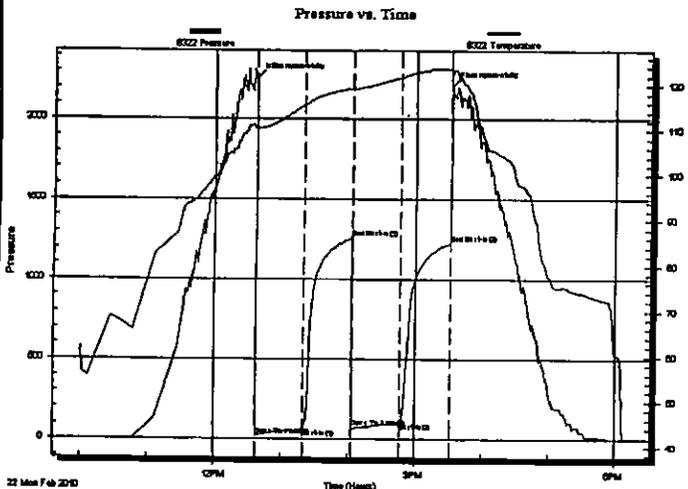
Test Start: 2010.02.22 @ 10:00:05

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: **12:37:30**
 Time Test Ended: **18:06:44**
 Interval: **4431.00 ft (KB) To 4445.00 ft (KB) (TVD)**
 Total Depth: **4440.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**
 Test Type: **Conventional Bottom Hole**
 Tester: **Mike Roberts**
 Unit No: **48**
 Reference Elevations: **2344.00 ft (KB)**
2333.00 ft (CF)
 KB to GR/CF: **11.00 ft**

Serial #: 8322 **Inside**
 Press@RunDepth: **101.69 psig @ 4432.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.02.22** End Date: **2010.02.22** Last Calib.: **2010.02.22**
 Start Time: **10:00:05** End Time: **18:06:44** Time On Btrc: **2010.02.22 @ 12:37:15**
 Time Off Btrc: **2010.02.22 @ 15:32:59**

TEST COMMENT: IF: Built to 4" blow
 IS: no return
 FF: Built to 3" blow
 FS: No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2257.09	110.52	Initial Hydro-static
1	23.37	110.15	Open To Flow (1)
42	63.27	115.54	Shut-In(1)
86	1256.08	119.34	End Shut-In(1)
86	72.10	119.16	Open To Flow (2)
130	101.69	121.86	Shut-In(2)
175	1226.56	123.71	End Shut-In(2)
176	2210.97	122.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gco 10 %g 90%o	0.59
60.00	w cmo 20%w 40%o 40% m	0.30
0.00	AP= 35 @ 40°= 37 @ 60°	0.00

Gas Rates

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



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TOOL DIAGRAM

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Job Ticket: 37088 DST#: 2

ATTN: Jason Atm

Test Start: 2010.02.22 @ 10:00:05

Tool Information

Drill Pipe:	Length: 4050.00 ft	Diameter: 3.80 inches	Volume: 56.81 bbl	Tool Weight: 1500.00 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: 369.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 85000.00 lb
			Total Volume: 58.62 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 77000.00 lb
Depth to Top Packer:	4431.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 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			4404.00	
Shut In Tool	5.00			4409.00	
Hydraulic tool	5.00			4414.00	
Jars	5.00			4419.00	
Safety Joint	3.00			4422.00	
Packer	5.00			4427.00	28.00 Bottom Of Top Packer
Packer	4.00			4431.00	
Stubb	1.00			4432.00	
Recorder	0.00	8322	Inside	4432.00	
Recorder	0.00	8166	Inside	4432.00	
Perforations	8.00			4440.00	
Bullnose	5.00			4445.00	14.00 Bottom Packers & Anchor

Total Tool Length: 42.00



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ATTN: Jason Alm

Test Start: 2010.02.22 @ 10:00:05

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:	0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gco 10 %g 90%o	0.590
60.00	w cmo 20%w 40%o 40% m	0.295
0.00	AP= 35 @ 40*= 37 @ 60*	0.000

Total Length: 180.00 ft Total Volume: 0.885 bbl

Num Fluid Samples: 0

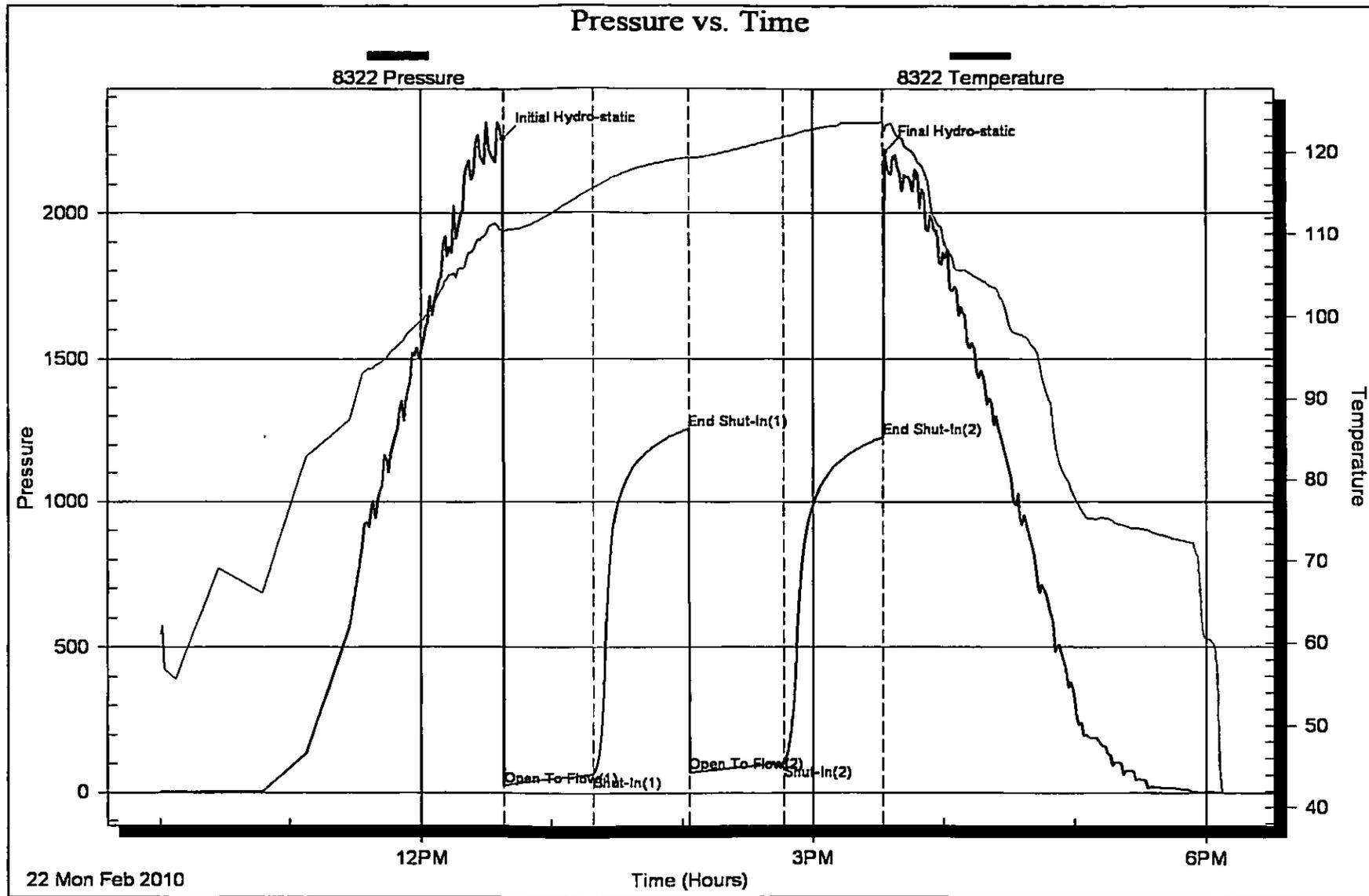
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



22 Mon Feb 2010