



WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____-_____-_____- Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <tr> <td style="width:70%; border: none;">Name</td> <td style="width:15%; border: none;">Top</td> <td style="width:15%; border: none;">Datum</td> </tr> </table>	Name	Top	Datum
Name	Top	Datum		

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Chipman 1-16
Doc ID	1116238

Tops

Name	Top	Datum
Heebner	3719'	-1548
Douglas	3746	-1575
Lansing	3786	-1615
B/KC	4165	-1994
Marmaton	4171	-2000
Pawnee	4231'	-2060
Ft.Scott	4311'	-2140
Cherokee	4336'	-2165
Osage	4386'	-2215

Geological Report

American Warrior, Inc.

Chipman #1-16

335' FSL & 2286' FWL

Sec. 16, T22s, R21w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Chipman #1-16
335' FSL & 2286' FWL
Sec. 16, T22s, R21w
Hodgeman County, Kansas
API # 15-083-21876-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: January 19, 2013

Completion Date: January 29, 2013

Elevation 2160' G.L.
2171' K.B.

Directions: From Hanston, KS. Go 5 miles East on Hwy 156 to 233 Rd. Go South 2 miles on 233 Rd to p Rd. Go West 2 miles on P Rd and North into location.

Casing: #28 8 5/8" surface casing @ 1101 with 450 sacks
Class A, 3% c.c, 2% gel.

Samples: 3700' to RTD 10' Wet & Dry

Drilling Time: 3700' to RTD

Electric Logs: Pioneer "D. Martin"-Stack and Micro

Drillstem Tests: Four, Trilobite Testing, Inc. "Jason McLemore"

Problems: None

Formation Tops

Formation

Heebner

Douglas

Lansing

Stark

BKC

Marmaton

Pawnee

Fort Scott

Cherokee

Osage

RTD

LTD

American Warrior, Inc.

Chipman #1-16

Sec. 16, T22s, R21w

335' FSL & 2286' FWL

3719' -1548

3746' -1575

3786' -1615

4051' -1880

4165' -1994

4171' -2000

4231' -2060

4311' -2140

4336' -2165

4386' -2215

4460' -2289

4461' -2290

Sample Zone Descriptions

Mississippian Osage (4386' -2215) Covered in DST #1 – DST #4

Chert- White. Triptolitic. Weathered. Fair vuggy porosity and fair intercrystalline porosity. Fair to good stain. Fair saturation with show of free oil. Gas bubbles coming out of porosity. Fair to good odor. 100 units hotwire.

Drill Stem Tests

Trilobite Testing Inc.

“Jason McLemore”

DST #1

Mississippian Osage

Interval (4356' – 4395') Anchor Length 39'

IHP	- 2218 #	
IFP	- 30" – Weak blow, built to 3 ½"	23-49 #
ISI	- 30" – No return	171 #
FFP	- 30" – Weak blow built to 3 ½"	45-51 #
FSIP	- 30" – No Return	101 #
FHP	- 2134 #	
BHT	- Not recorded	

Recovery: 90' GIP, 64' SOCM

DST #2

Mississippian Osage

Interval (4391' – 4401') Anchor Length 10'

IHP	- 2213 #	
IFP	- 45" – Weak blow, built to 4"	17-35 #
ISI	- 45" – Built to 1 ½"	Tool Fail
FFP	- 45" – Weak blow built to 3 ½"	44-56 #
FSIP	- 45" – Built to 1 ½"	Tool Fail
FHP	- 2033 #	
BHT	- Not Recorded	

Recovery: 90' GIP, 62' O, 62' MCO (50% O, 50% M)

DST #3

Mississippian Osage

Interval (4392' – 4405') Anchor Length 13'

IHP	- 2255 #	
IFP	- 30" – Weak blow, built to 1"	21-30 #
ISI	- 30" – No Return	878 #
FFP	- 30" – Weak blow, opened and built to 3"	30-43 #
FSIP	- 30" – No Return	654 #
FHP	- 2091 #	
BHT	- Not Recorded	

Recovery: 30' GIP, 90' OCM (30% O, 70% M)

DST #4

Mississippian Osage

Interval (4403' – 4411') Anchor Length 8'

IHP	- 2122 #	
IFP	- 30" – Weak blow, died in 10 min	26-25 #
ISI	- 30" – No Return	973 #
FFP	- 10" – No Blow	28-28 #
FSIP	- Pull Tool	NA
FHP	- 2063 #	
BHT	- Not Recorded	

Recovery: 6' Mud with oil spots

Structural Comparison

	American Warrior, Inc. Chipman #1-16 Sec. 16, T22s, R21w 335' FSL & 2286' FWL		Mustang Drilling Co. Waterhouse #1-16 Sec. 16, T22s, R21w C NW SW		Pickrell Drilling Co. Mooney D #1 Sec 21, T22s, R21w C SW NW
Formation					
Heebner	3719' -1548	+15	3725' -1563	-3	3732' -1545
Douglas	3746' -1575	+16	3753' -1591	NA	NA
Lansing	3786' -1615	+11	3788' -1626	-6	3796' -1609
Stark	4051' -1880	+10	4052' -1890	NA	NA
BKC	4165' -1994	+13	4169' -2007	NA	NA
Marmaton	4171' -2000	+17	4179' -2017	NA	NA
Pawnee	4231' -2060	+20	4242' -2080	NA	NA
Fort Scott	4311' -2140	+22	4324' -2162	-9	4318' -2131
Cherokee	4336' -2165	+20	4347' -2185	-10	4342' -2155
Osage	4386' -2215	+28	4405' -2243	-15	4387' -2200

Summary

The location for the Chipman #1-16 well was found via 3-D seismic survey. The new well ran structurally as expected. Four drill stem tests were conducted, one of which recovered commercial quantities of oil. However, shut in pressures were not suitable for commercial production. After all the gathered data had been examined, the decision was made to plug and abandon the Chipman #1-16 well.

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Chipman #1-16

16-22w-21s Hodgeman,KS

Start Date: 2013.01.25 @ 17:04:13

End Date: 2013.01.26 @ 00:07:07

Job Ticket #: 51721 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.01 @ 13:46:21

American Warrior, Inc.
16-22w-21s Hodgeman,KS
Chipman #1-16
DST # 1
Osage
2013.01.25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51721

DST#: 1

ATTN: Kevin Timson

Test Start: 2013.01.25 @ 17:04:13

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:39:22

Time Test Ended: 00:07:07

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: 4356.00 ft (KB) To 4395.00 ft (KB) (TVD)

Reference Elevations: 2171.00 ft (KB)

Total Depth: 4395.00 ft (KB) (TVD)

2161.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6741

Inside

Press @ Run Depth: 51.45 psig @ 4392.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.25

End Date:

2013.01.26

Last Calib.:

2013.01.26

Start Time: 17:04:15

End Time:

00:07:07

Time On Btm:

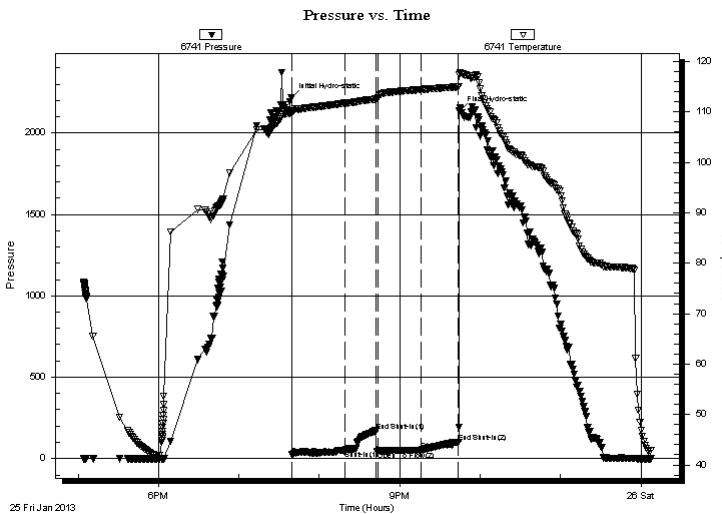
2013.01.25 @ 19:39:07

Time Off Btm:

2013.01.25 @ 21:44:37

TEST COMMENT: IFP-Weak Blow , Built to 3-1/2" , Then Died Back
ISI-Dead
FFP-Weak Blow , Built to 3-1/2" , Then Died Back
FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2218.34	110.17	Initial Hydro-static
1	22.70	109.66	Open To Flow (1)
40	49.09	111.74	Shut-In(1)
63	170.77	112.53	End Shut-In(1)
65	44.81	112.73	Open To Flow (2)
97	51.45	114.44	Shut-In(2)
125	100.84	114.99	End Shut-In(2)
126	2134.49	117.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
64.00	SOCM-5%O-95%M	0.31
0.00	90' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51721

DST#: 1

ATTN: Kevin Timson

Test Start: 2013.01.25 @ 17:04:13

Tool Information

Drill Pipe:	Length: 4086.00 ft	Diameter: 3.80 inches	Volume: 57.32 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 58.65 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4356.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	67.00 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			4329.00	
Shut In Tool	5.00			4334.00	
Hydraulic tool	5.00			4339.00	
Jars	5.00			4344.00	
Safety Joint	2.00			4346.00	
Packer	5.00			4351.00	28.00 Bottom Of Top Packer
Packer	5.00			4356.00	
Stubb	1.00			4357.00	
Perforations	2.00			4359.00	
Change Over Sub	1.00			4360.00	
Blank Spacing	31.00			4391.00	
Change Over Sub	1.00			4392.00	
Recorder	0.00	6741	Inside	4392.00	
Recorder	0.00	8289	Outside	4392.00	
Bullnose	3.00			4395.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51721

DST#: 1

ATTN: Kevin Timson

Test Start: 2013.01.25 @ 17:04:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.48 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
64.00	SOCM-5%O-95%M	0.315
0.00	90' Gas In Pipe	0.000

Total Length: 64.00 ft Total Volume: 0.315 bbl

Num Fluid Samples: 0

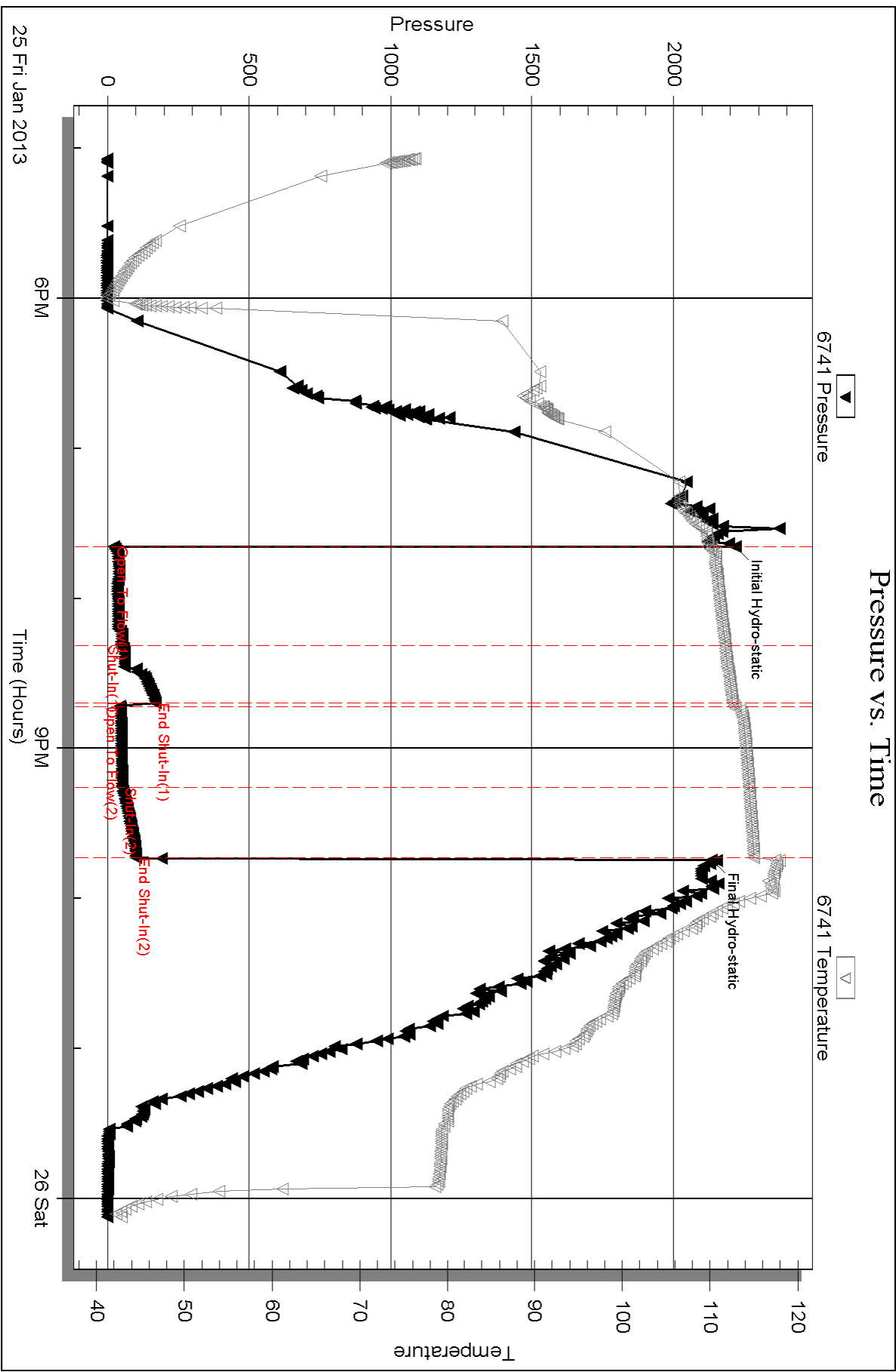
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

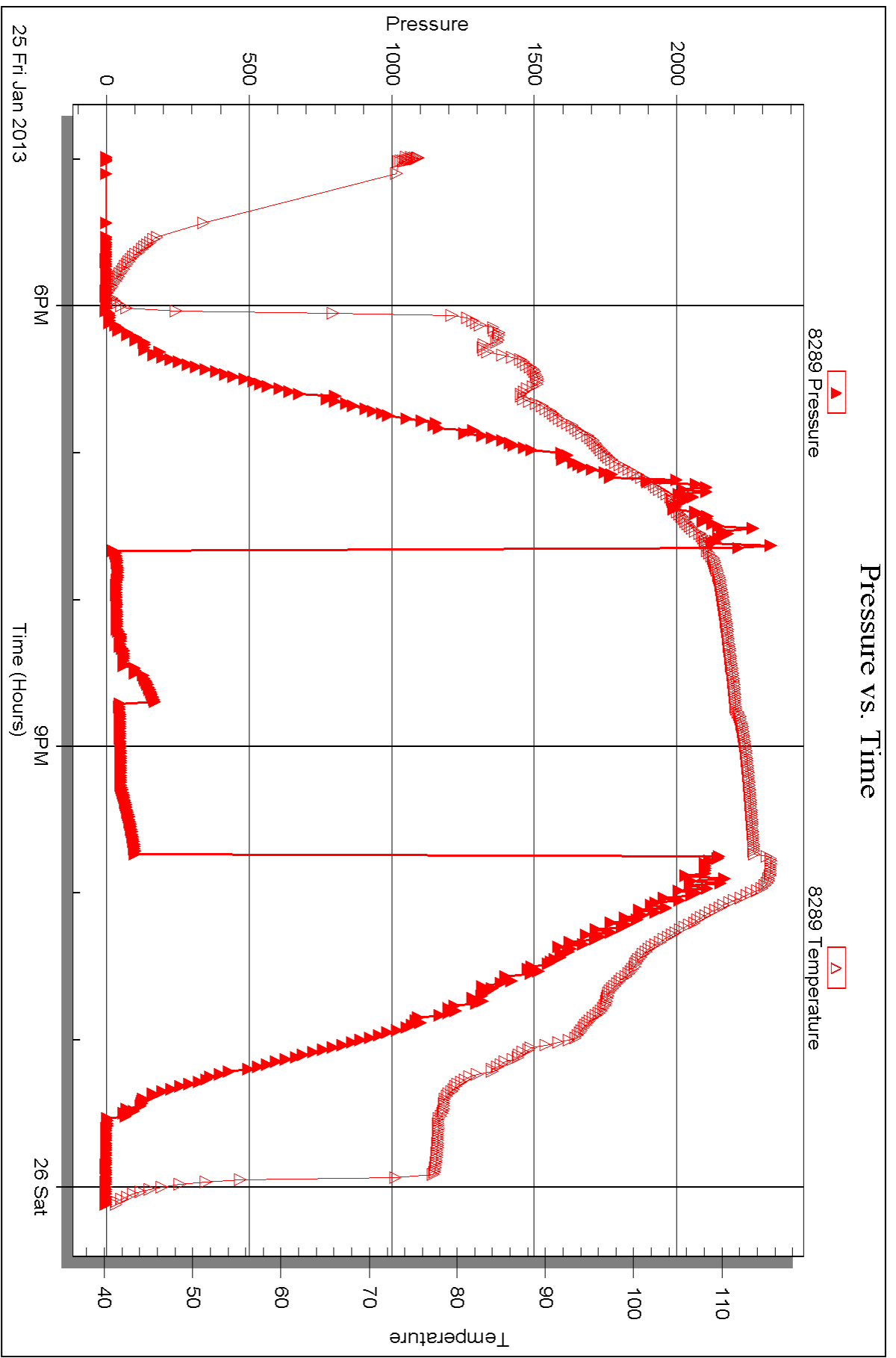


Serial #: 8289

Outside American Warrior, Inc.

Chipman #1-16

DST Test Number: 1





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Chipman #1-16

16-22w-21s Hodgeman,KS

Start Date: 2013.01.26 @ 07:04:01

End Date: 2013.01.26 @ 14:09:31

Job Ticket #: 51722 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.02.01 @ 13:45:25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51722

DST#: 2

ATTN: Kevin Timson

Test Start: 2013.01.26 @ 07:04:01

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:16

Time Test Ended: 14:09:31

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: 4391.00 ft (KB) To 4401.00 ft (KB) (TVD)

Reference Elevations: 2171.00 ft (KB)

Total Depth: 4401.00 ft (KB) (TVD)

2161.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6741

Inside

Press @ Run Depth: psig @ 4394.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.26

End Date:

2013.01.26

Last Calib.:

2013.01.26

Start Time: 07:04:03

End Time:

14:09:31

Time On Btm:

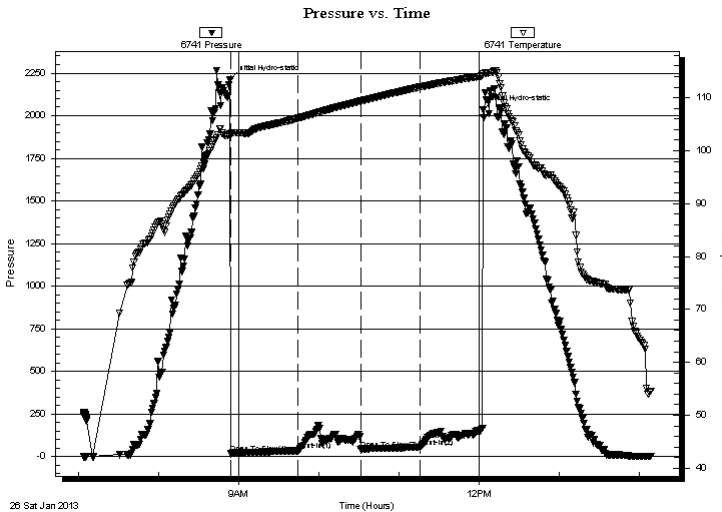
2013.01.26 @ 08:53:46

Time Off Btm:

2013.01.26 @ 12:03:31

TEST COMMENT: IFP-Weak Blow , Built to 4", Died Back
ISI-Blow back Built to 1-1/2"
FFP-Weak Blow , Built to 3-1/2", Died Back
FSI-Blow back Built to 1-1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.51	103.14	Initial Hydro-static
1	17.34	102.99	Open To Flow (1)
51	35.24	106.15	Shut-In(1)
98	43.60	109.39	Open To Flow (2)
143	55.51	112.04	Shut-In(2)
190	2033.50	114.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Free Oil	0.30
62.00	MCO-50%O-50%M	0.30
0.00	90' Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51722

DST#: 2

ATTN: Kevin Timson

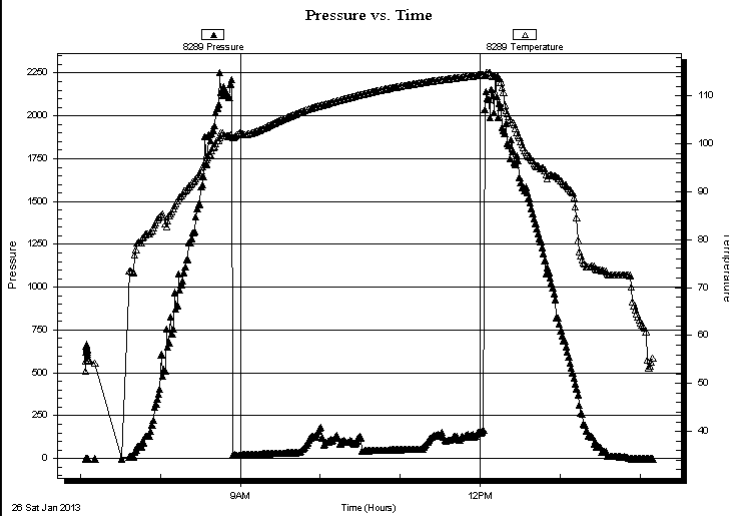
Test Start: 2013.01.26 @ 07:04:01

GENERAL INFORMATION:

Formation: **Osage**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:54:16
 Time Test Ended: 14:09:31
 Interval: **4391.00 ft (KB) To 4401.00 ft (KB) (TVD)**
 Total Depth: 4401.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2171.00 ft (KB)
 2161.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8289 Outside
 Press @ Run Depth: psig @ 4394.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.26 End Date: 2013.01.26 Last Calib.: 1899.12.30
 Start Time: 07:03:48 End Time: 14:09:31 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Weak Blow , Built to 4", Died Back
 ISI-Blow back Built to 1-1/2"
 FFP-Weak Blow , Built to 3-1/2", Died Back
 FSI-Blow back Built to 1-1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
62.00	Free Oil	0.30
62.00	MCO-50%O-50%M	0.30
0.00	90' Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51722

DST#: 2

ATTN: Kevin Timson

Test Start: 2013.01.26 @ 07:04:01

Tool Information

Drill Pipe:	Length: 4115.00 ft	Diameter: 3.80 inches	Volume: 57.72 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 59.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4391.00 ft			Final 74000.00 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	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4364.00	
Shut In Tool	5.00			4369.00	
Hydraulic tool	5.00			4374.00	
Jars	5.00			4379.00	
Safety Joint	2.00			4381.00	
Packer	5.00			4386.00	28.00 Bottom Of Top Packer
Packer	5.00			4391.00	
Stubb	1.00			4392.00	
Perforations	2.00			4394.00	
Recorder	0.00	6741	Inside	4394.00	
Recorder	0.00	8289	Outside	4394.00	
Perforations	4.00			4398.00	
Bullnose	3.00			4401.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51722

DST#: 2

ATTN: Kevin Timson

Test Start: 2013.01.26 @ 07:04:01

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 55.00 sec/qt
Water Loss: 9.47 in³
Resistivity: ohm.m
Salinity: 4500.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 36 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	Free Oil	0.305
62.00	MCO-50%O-50%M	0.305
0.00	90' Gas In Pipe	0.000

Total Length: 124.00 ft Total Volume: 0.610 bbl

Num Fluid Samples: 0

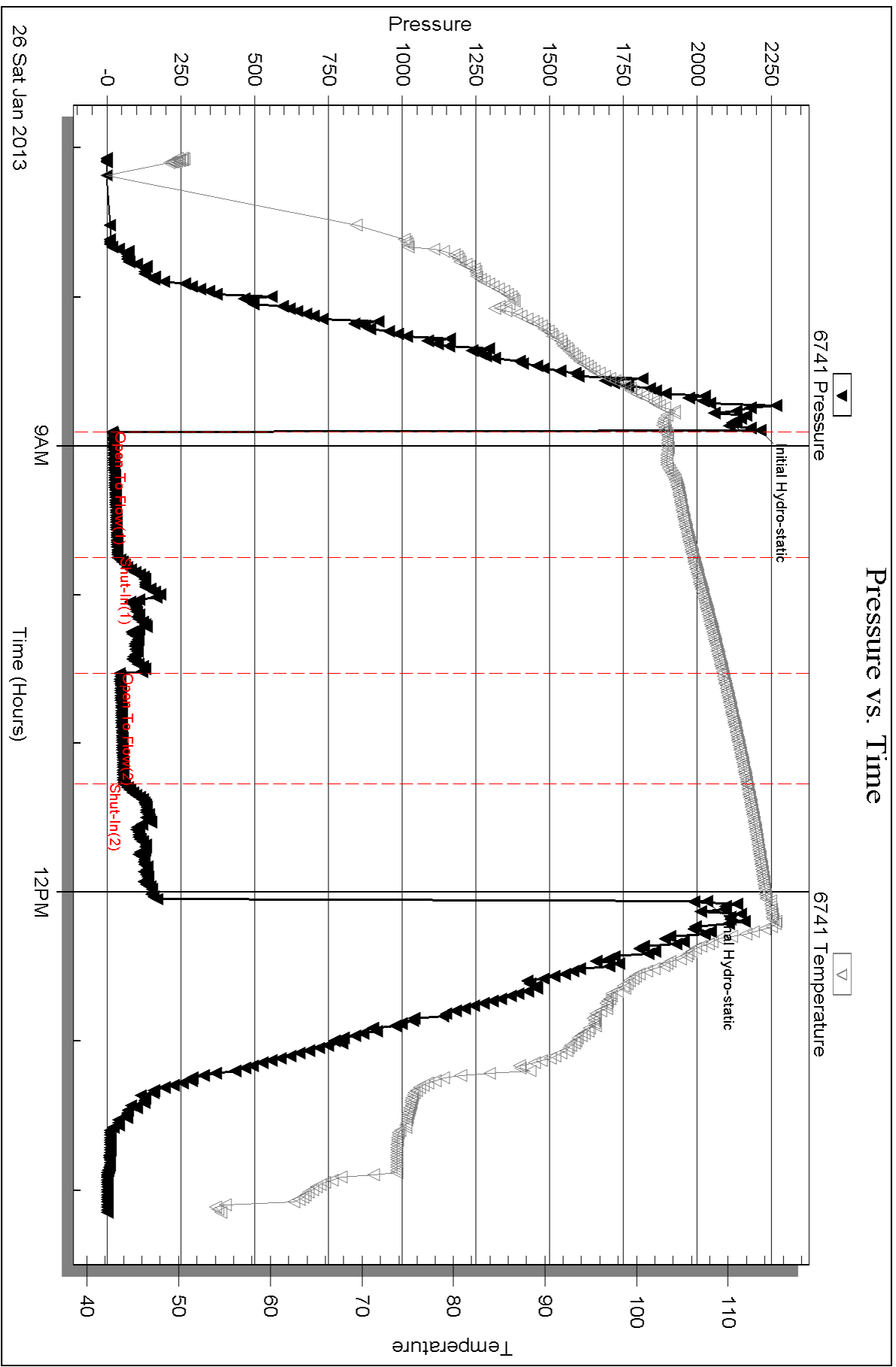
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



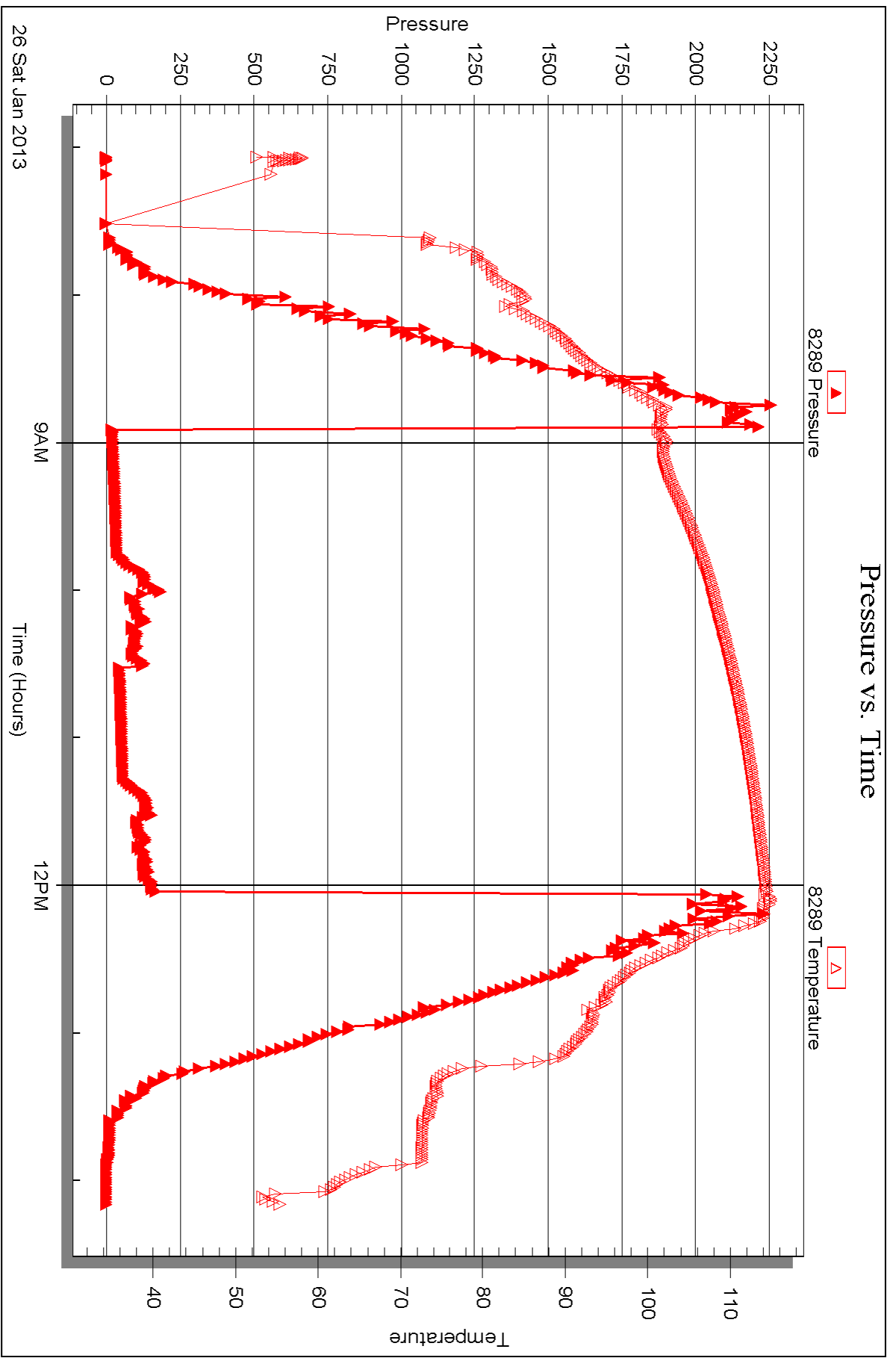
26 Sat Jan 2013

Serial #: 8289

Outside American Warrior, Inc.

Chipman #1-16

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 51722

Printed: 2013.02.01 @ 13:45:28



DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Chipman #1-16

16-22w-21s Hodgeman,KS

Start Date: 2013.01.26 @ 21:17:18

End Date: 2013.01.27 @ 04:34:33

Job Ticket #: 51723 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.01 @ 13:44:43

American Warrior, Inc.
16-22w-21s Hodgeman,KS
Chipman #1-16
DST # 3
Osage
2013.01.26



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51723

DST#: 3

ATTN: Kevin Timson

Test Start: 2013.01.26 @ 21:17:18

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:10:48

Time Test Ended: 04:34:33

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: 4392.00 ft (KB) To 4405.00 ft (KB) (TVD)

Reference Elevations: 2171.00 ft (KB)

Total Depth: 4405.00 ft (KB) (TVD)

2161.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6741

Inside

Press @ RunDepth: 43.18 psig @ 4395.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.26

End Date: 2013.01.27

Last Calib.: 2013.01.27

Start Time: 21:17:20

End Time: 04:34:33

Time On Btm: 2013.01.27 @ 00:10:33

Time Off Btm: 2013.01.27 @ 02:13:33

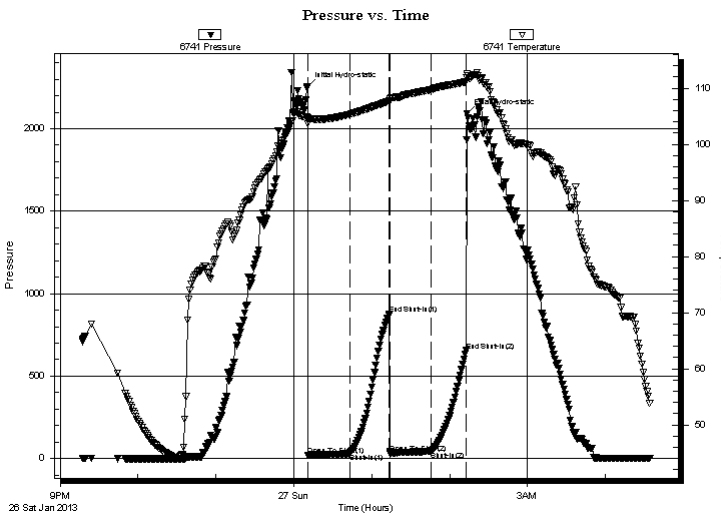
TEST COMMENT: IFP-Weak Blow , Built to 1"

ISI-Dead

FFP-Weak Blow , Went right to 3" on Open, Then Died Back

FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.13	104.71	Initial Hydro-static
1	20.51	103.66	Open To Flow (1)
33	29.71	105.33	Shut-In(1)
63	878.15	107.67	End Shut-In(1)
64	29.61	108.05	Open To Flow (2)
95	43.18	109.74	Shut-In(2)
123	653.39	111.15	End Shut-In(2)
123	2090.53	112.51	Final Hydro-static

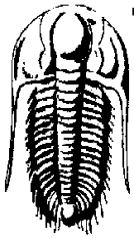
Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM-30%O-70%M	0.44
0.00	30' Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc.

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

16-22w-21s Hodgeman, KS

Chipman #1-16

Job Ticket: 51723

DST#: 3

Test Start: 2013.01.26 @ 21:17:18

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:10:48

Time Test Ended: 04:34:33

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: **4392.00 ft (KB) To 4405.00 ft (KB) (TVD)**

Total Depth: 4405.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2171.00 ft (KB)

2161.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8289

Outside

Press @ RunDepth: psig @ 4395.00 ft (KB)

Start Date: 2013.01.26

End Date:

2013.01.27

Start Time: 21:16:50

End Time:

04:44:18

Capacity: 8000.00 psig

Last Calib.:

2013.01.27

Time On Btm:

Time Off Btm:

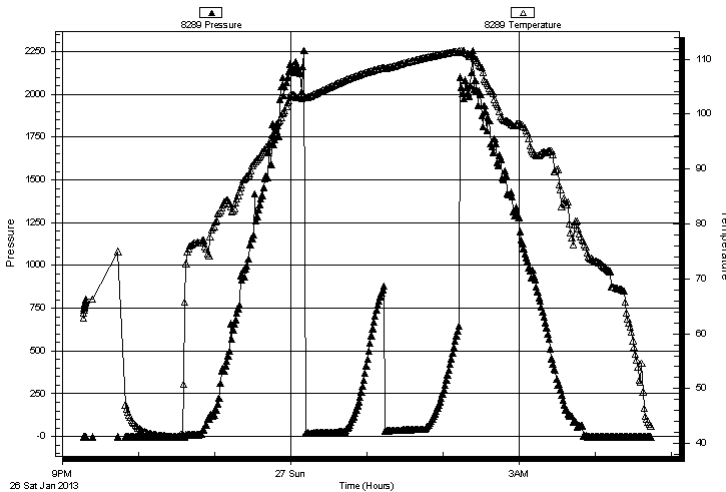
TEST COMMENT: IFP-Weak Blow , Built to 1"

ISI-Dead

FFP-Weak Blow , Went right to 3" on Open, Then Died Back

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM-30%O-70%M	0.44
0.00	30' Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51723

DST#: 3

ATTN: Kevin Timson

Test Start: 2013.01.26 @ 21:17:18

Tool Information

Drill Pipe:	Length: 4115.00 ft	Diameter: 3.80 inches	Volume: 57.72 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4392.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4365.00	
Shut In Tool	5.00			4370.00	
Hydraulic tool	5.00			4375.00	
Jars	5.00			4380.00	
Safety Joint	2.00			4382.00	
Packer	5.00			4387.00	28.00 Bottom Of Top Packer
Packer	5.00			4392.00	
Stubb	1.00			4393.00	
Perforations	2.00			4395.00	
Recorder	0.00	6741	Inside	4395.00	
Recorder	0.00	8289	Outside	4395.00	
Perforations	7.00			4402.00	
Bullnose	3.00			4405.00	13.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51723

DST#: 3

ATTN: Kevin Timson

Test Start: 2013.01.26 @ 21:17:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.48 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	OCM-30%O-70%M	0.443
0.00	30' Gas In Pipe	0.000

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

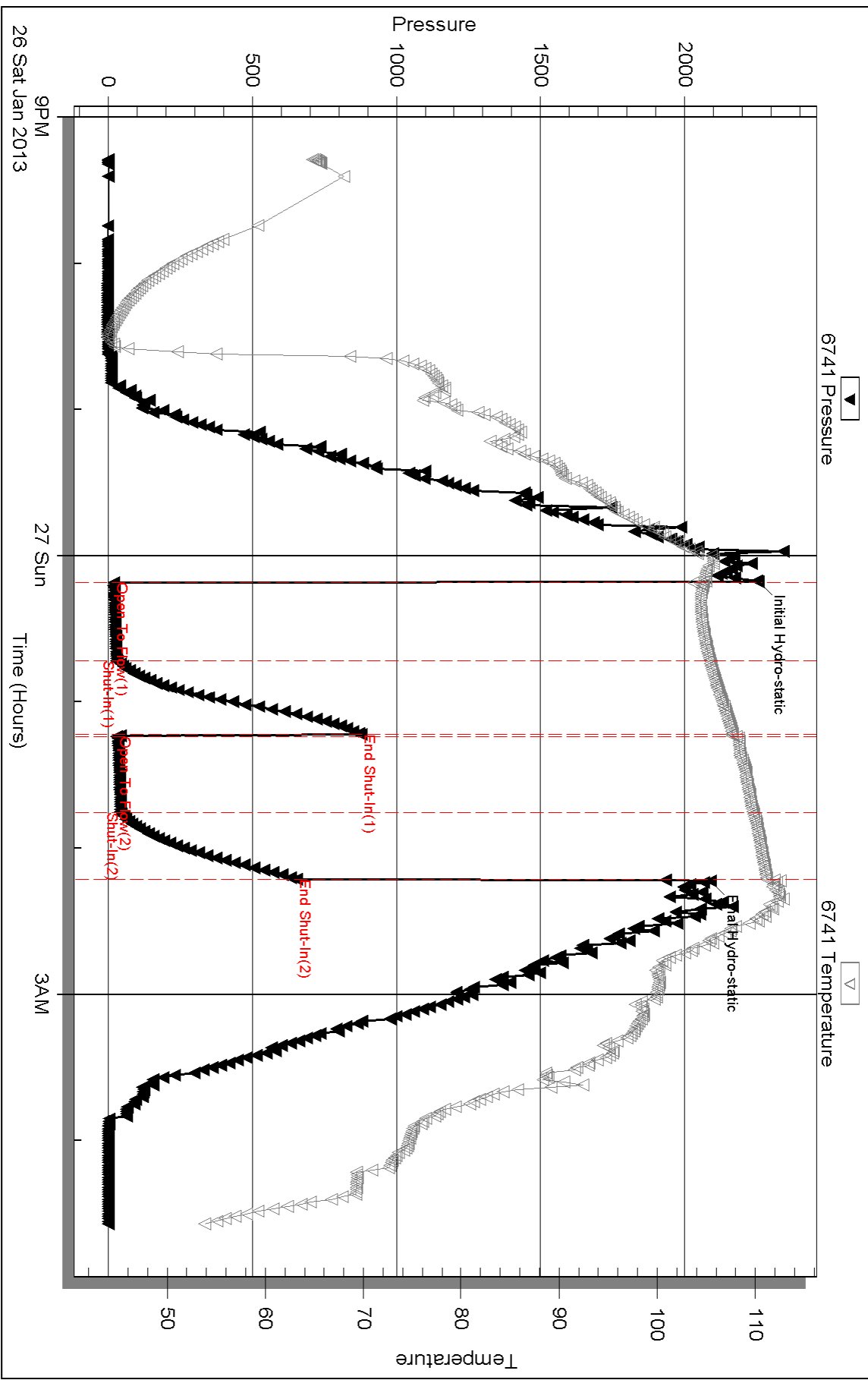
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

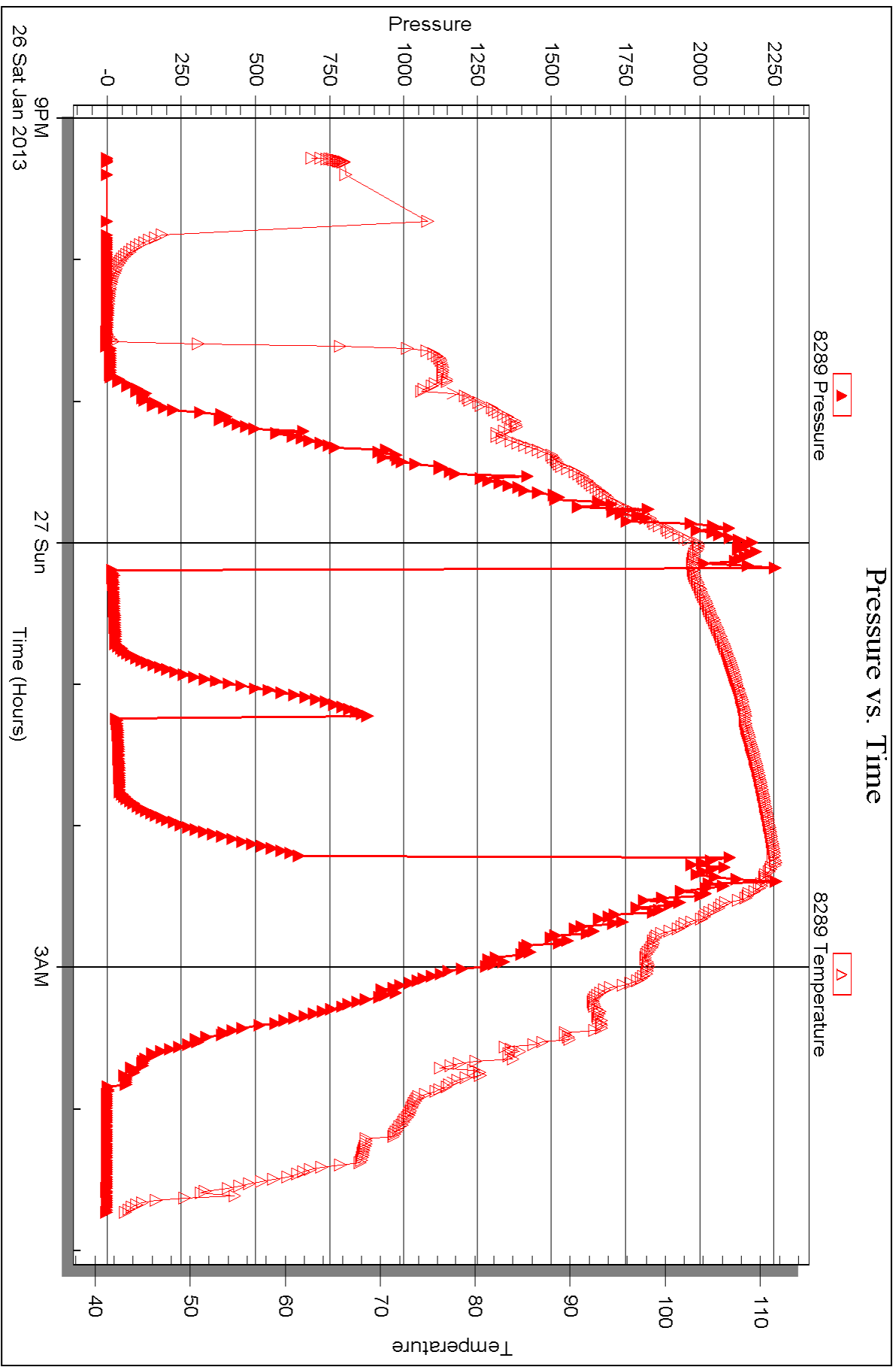


Serial #: 8289

Outside American Warrior, Inc.

Chipman #1-16

DST Test Number: 3





DRILL STEM TEST REPORT

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

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Chipman #1-16

16-22w-21s Hodgeman,KS

Start Date: 2013.01.27 @ 15:12:06

End Date: 2013.01.27 @ 21:40:51

Job Ticket #: 51724 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.02.01 @ 13:43:31

American Warrior, Inc.
16-22w-21s Hodgeman,KS
Chipman #1-16
DST # 4
Osage
2013.01.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51724

DST#: 4

ATTN: Kevin Timson

Test Start: 2013.01.27 @ 15:12:06

GENERAL INFORMATION:

Formation: **Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:50:21

Time Test Ended: 21:40:51

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: 4403.00 ft (KB) To 4411.00 ft (KB) (TVD)

Reference Elevations: 2171.00 ft (KB)

Total Depth: 4411.00 ft (KB) (TVD)

2161.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6741

Inside

Press @ Run Depth: 24.55 psig @ 4407.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.27

End Date:

2013.01.27

Last Calib.:

2013.01.27

Start Time:

15:12:08

End Time:

21:40:51

Time On Btm:

2013.01.27 @ 17:49:36

Time Off Btm:

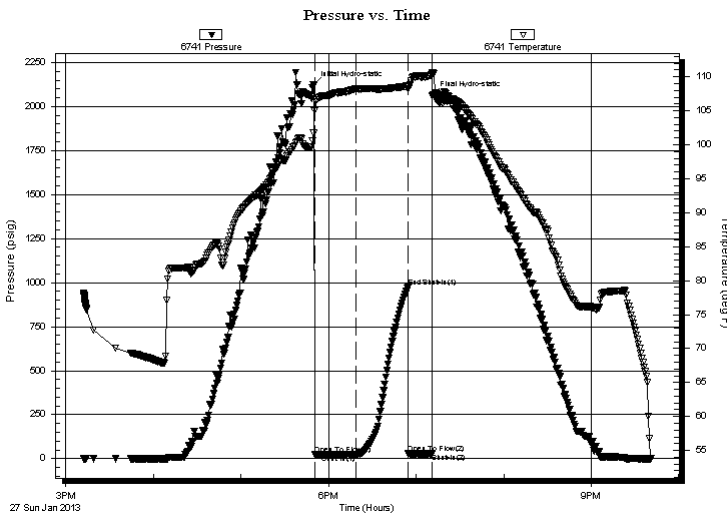
2013.01.27 @ 19:11:06

TEST COMMENT: IFP-Weak Blow, Died in 10 Min.

ISI-Dead

FFP-Dead, Pull Tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2121.62	101.72	Initial Hydro-static
1	25.62	105.01	Open To Flow (1)
30	24.55	108.30	Shut-In(1)
65	972.62	108.64	End Shut-In(1)
65	27.77	108.27	Open To Flow (2)
81	28.17	110.24	Shut-In(2)
82	2062.88	110.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
6.00	Mud W/Oil Spots	0.03

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Kevin Timson

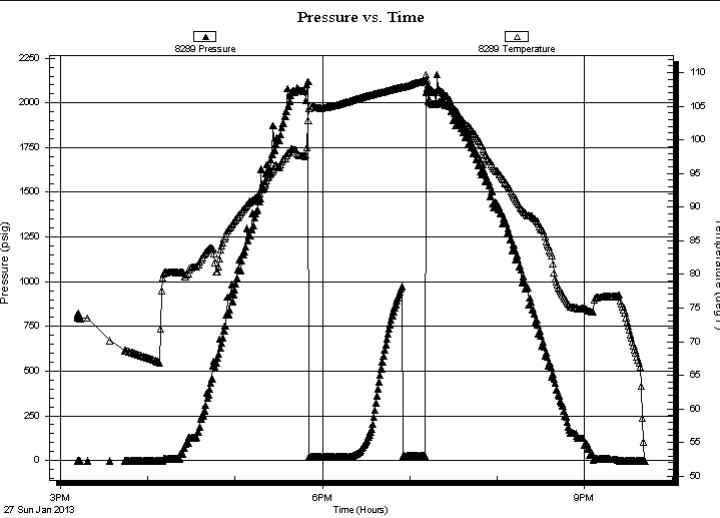
16-22w-21s Hodgeman, KS
Chipman #1-16
 Job Ticket: 51724 **DST#: 4**
 Test Start: 2013.01.27 @ 15:12:06

GENERAL INFORMATION:

Formation: **Osage**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:50:21
 Time Test Ended: 21:40:51
 Interval: **4403.00 ft (KB) To 4411.00 ft (KB) (TVD)**
 Total Depth: 4411.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2171.00 ft (KB)
 2161.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8289 Outside
 Press @ Run Depth: psig @ 4407.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.27 End Date: 2013.01.27 Last Calib.: 2013.01.27
 Start Time: 15:11:55 End Time: 21:41:23 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Weak Blow , Died in 10 Min.
 ISI-Dead
 FFP-Dead, Pull Tool



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
6.00	Mud W/Oil Spots	0.03

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51724

DST#: 4

ATTN: Kevin Timson

Test Start: 2013.01.27 @ 15:12:06

Tool Information

Drill Pipe:	Length: 4115.00 ft	Diameter: 3.80 inches	Volume: 57.72 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 270.00 ft	Diameter: 2.25 inches	Volume: 1.33 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 59.05 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	72000.00 lb
Depth to Top Packer:	4403.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	8.00 ft				
Tool Length:	36.00 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			4376.00	
Shut In Tool	5.00			4381.00	
Hydraulic tool	5.00			4386.00	
Jars	5.00			4391.00	
Safety Joint	2.00			4393.00	
Packer	5.00			4398.00	28.00 Bottom Of Top Packer
Packer	5.00			4403.00	
Stubb	1.00			4404.00	
Perforations	3.00			4407.00	
Recorder	0.00	6741	Inside	4407.00	
Recorder	0.00	8289	Outside	4407.00	
Perforations	1.00			4408.00	
Bullnose	3.00			4411.00	8.00 Bottom Packers & Anchor

Total Tool Length: 36.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

16-22w-21s Hodgeman, KS

PO Box 399
Garden City, KS 67846

Chipman #1-16

Job Ticket: 51724

DST#: 4

ATTN: Kevin Timson

Test Start: 2013.01.27 @ 15:12:06

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.47 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
6.00	Mud W/Oil Spots	0.030

Total Length: 6.00 ft Total Volume: 0.030 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

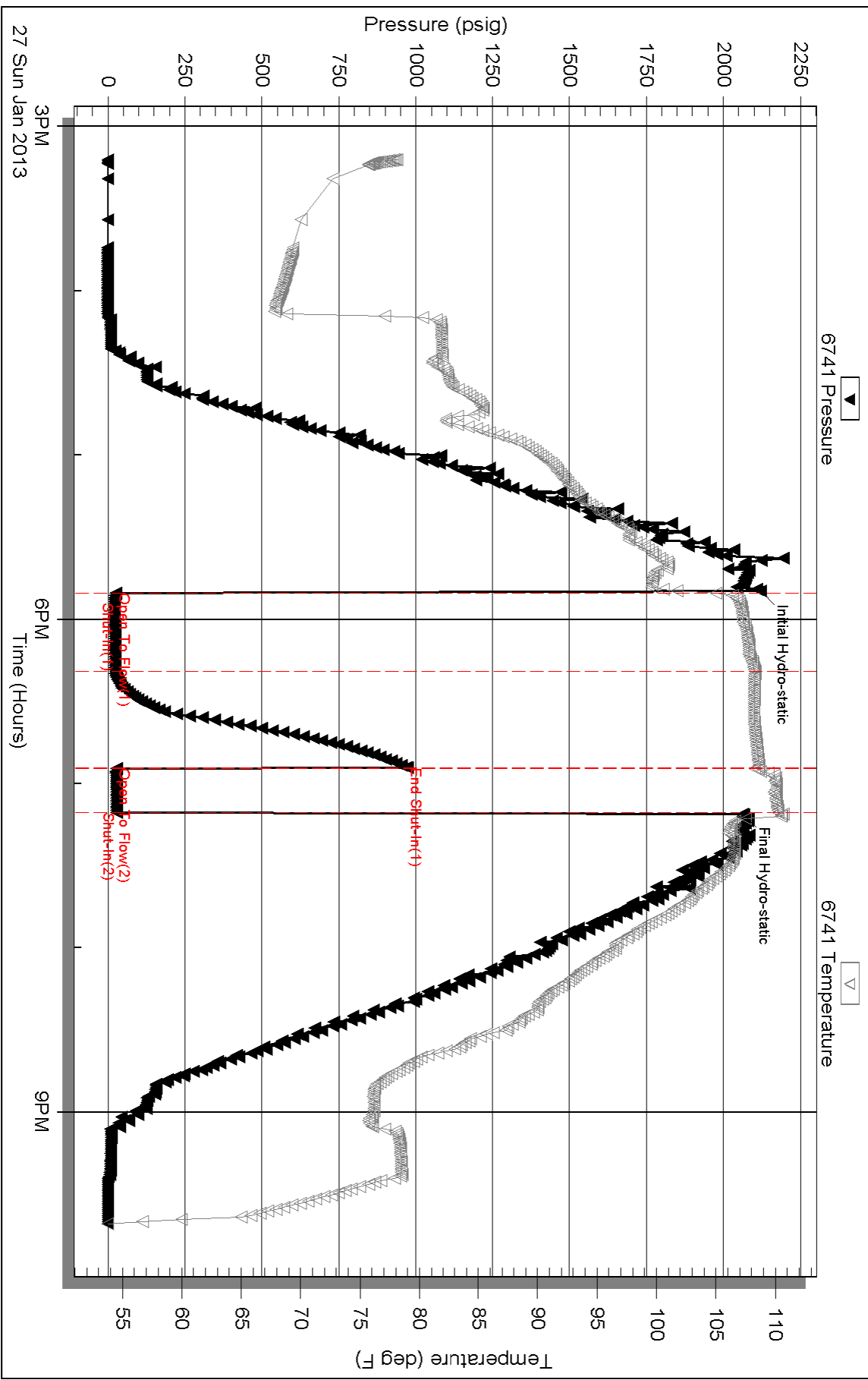
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

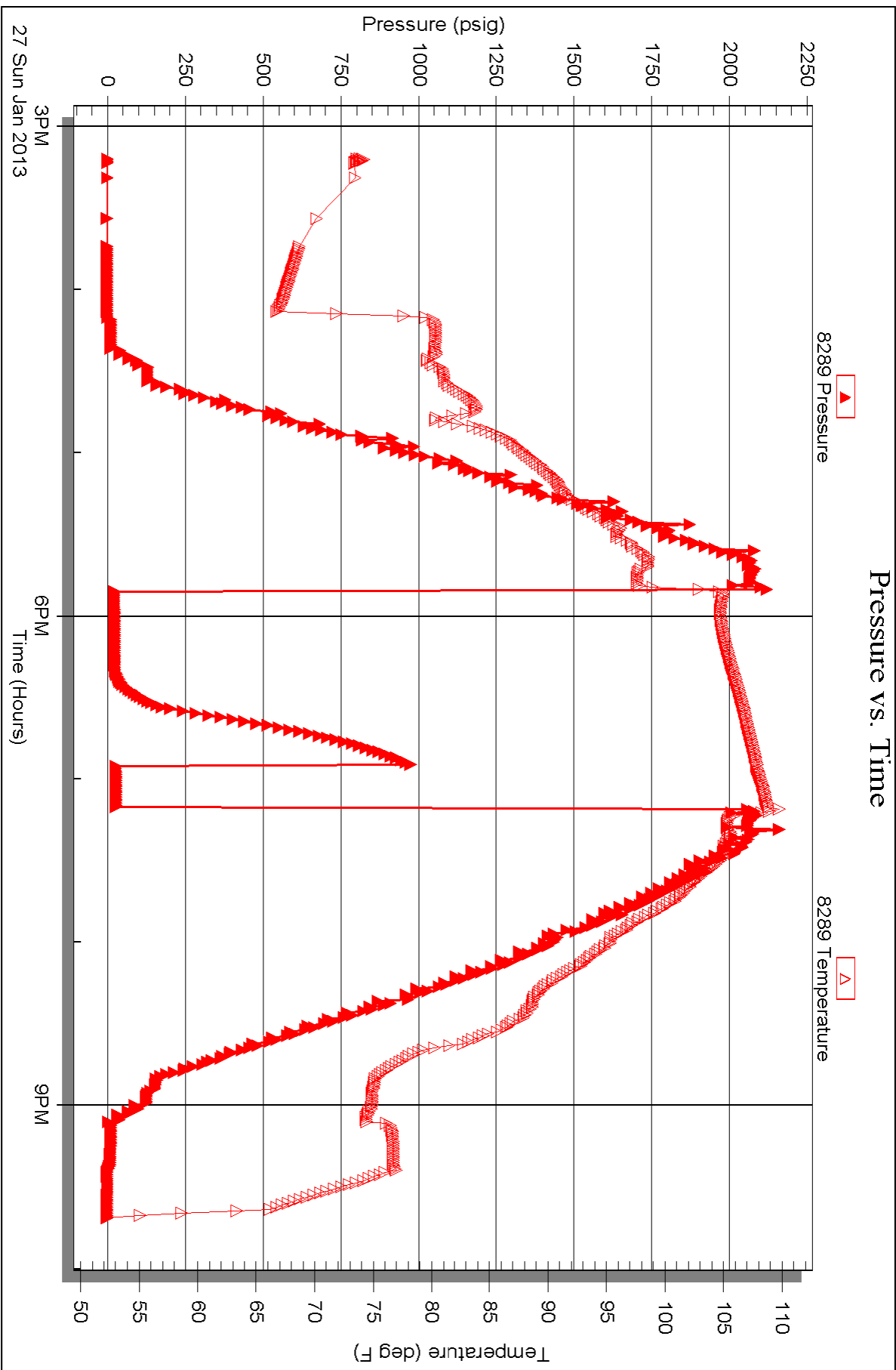


Serial #: 8289

Outside American Warrior, Inc.

Chipman #1-16

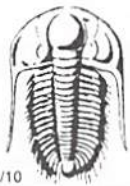
DST Test Number: 4



Triobite Testing, Inc

Ref. No: 51724

Printed: 2013.02.01 @ 13:43:35



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51721

Well Name & No. Chipman # 1-16 Test No. 1 Date 1-25-13
 Company American Warrior, Inc. Elevation 2171 KB 2161 GL
 Address PO Box 399, Garden City, KS. 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 16 Twp. 22w Rge. 21s Co. Hodgeman State Ks

Interval Tested 4356-4395 Zone Tested Osage
 Anchor Length 39' Drill Pipe Run 4086 Mud Wt. 9.5
 Top Packer Depth 4351 Drill Collars Run 270 Vis 55
 Bottom Packer Depth 4356 Wt. Pipe Run 0 WL 9.5
 Total Depth 4395 Chlorides 4500 ppm System LCM Trace
 Blow Description IFP-Weak Blow, Built to 3 1/2, Died back
ISI-Dead

FFP-Weak Blow, Built to 3 1/2", Died back
FSI-Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>64</u>	<u>SOCM</u>	<u>5</u>		<u>95</u>	
Rec	Feet of	%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
Rec	Feet of	%gas	%oil	%water	%mud

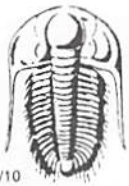
Rec Total 64 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2218 Test 1250 T-On Location 16:45
 (B) First Initial Flow 23 Jars 250 T-Started 17:02
 (C) First Final Flow 49 Safety Joint 75 T-Open 19:46
 (D) Initial Shut-In 171 Circ Sub _____ T-Pulled 21:46
 (E) Second Initial Flow 45 Hourly Standby _____ T-Out 24:12
 (F) Second Final Flow 51 Mileage 154ft 238.70
 (G) Final Shut-In 101 Sampler _____
 (H) Final Hydrostatic 2134 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1813.70
 Sub Total 1813.70
 Sub Total _____
 Total 1813.70
 MP/DST Disc't _____

Approved By _____ Our Representative Jaron McLean Thank you

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51722

Well Name & No. Chipman # 1-16 Test No. 2 Date 1-26-13
 Company American Warrior, Inc. Elevation 2171 KB 2161 GL
 Address PO Box 399, Garden City, KS. 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 16 Twp. 22w Rge. 21s Co. Hodgeman State Ks

Interval Tested 4391-4401 Zone Tested Osage
 Anchor Length 10' Drill Pipe Run 4115 Mud Wt. 9.5
 Top Packer Depth 4386 Drill Collars Run 270 Vis 55
 Bottom Packer Depth 4391 Wt. Pipe Run 0 WL 9.5
 Total Depth 4401 Chlorides 4500 ppm System LCM Trace
 Blow Description IFP- Weak Blow, Built to 4", Died back
ISE- Blowback Built to 1 1/2"
FFP- Weak Blow, Built to 3 1/2", Died back
FSI- Blowback Built to 1 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>Free Oil</u>				
<u>62</u>	<u>Mud Cut Oil</u>		<u>50</u>		<u>50</u>
	<u>90' Gas In Pipe</u>				

Rec Total 124 BHT _____ Gravity 36 API RW _____ @ _____ ° F Chlorides _____ ppm

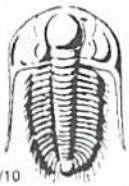
(A) Initial Hydrostatic 2213 Test 1250 T-On Location 6:50
 (B) First Initial Flow 17 Jars 250 T-Started 7:01
 (C) First Final Flow 35 Safety Joint 75 T-Open 8:56
 (D) Initial Shut-In / Circ Sub _____ T-Pulled 11:56
 (E) Second Initial Flow 44 Hourly Standby _____ T-Out 14:08
 (F) Second Final Flow 56 Mileage 238.70 Comments _____
 (G) Final Shut-In / Sampler _____
 (H) Final Hydrostatic 2033 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1813.70
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1813.70

Approved By _____

Our Representative Jason McLenon

Thank you

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51723

Well Name & No. Chipman # 1-16 Test No. 3 Date 1-26-13
 Company American Warrior, Inc. Elevation 2171 KB 2161 GL
 Address PO Box 399, Garden City, Ks. 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 16 Twp. 22w Rge. 21s Co. _____ State KS

Interval Tested 4392 - 4405 Zone Tested Osage
 Anchor Length 13' Drill Pipe Run 4115 Mud Wt. 9.5
 Top Packer Depth 4387 Drill Collars Run 270 Vis 55
 Bottom Packer Depth 4392 Wt. Pipe Run 0 WL 9.5
 Total Depth 4405 Chlorides 4,500 ppm System LCM Trace
 Blow Description IFP - Weak Blow, Built to 1"
ISI - Dead

FFP - Weak Blow, Opened and went to 3", Died Back

FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>OCM</u>	<u>30</u>		<u>70</u>	
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of <u>30' Gas In Pipe</u>	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 90 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2255</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>21:05</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:15</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>24:12</u>
(D) Initial Shut-In <u>878</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2:12</u>
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>4:43</u>
(F) Second Final Flow <u>43</u>	<input checked="" type="checkbox"/> Mileage <u>238.70</u>	Comments _____
(G) Final Shut-In <u>654</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2091</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1813.70</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1813.70</u>	

Approved By _____ Our Representative _____

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 51724

Well Name & No. Chipman #1-16 Test No. 4 Date 1-27-13
 Company American Warrior, Inc. Elevation 2171 KB 2161 GL
 Address PO Box 399, Garden City, Ks. 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #5
 Location: Sec. 16 Twp. 22w Rge. 21s Co. Hodgeman State KS

Interval Tested 4403-4411 Zone Tested Osage
 Anchor Length 8' Drill Pipe Run 4115 Mud Wt. _____
 Top Packer Depth 4398 Drill Collars Run 270 Vis _____
 Bottom Packer Depth 4403 Wt. Pipe Run 0 WL _____
 Total Depth 4411 Chlorides _____ ppm System LCM _____
 Blow Description IFP- Weak Blow, Dead in 10 min.
ISI- Dead
FFP- Dead, Pull Tool
FST- /

Rec	Feet of	%gas	%oil	%water	%mud
<u>6</u>	<u>Mud w/oil spots</u>				
Rec	Feet of	%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

Rec Total 6 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2122</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>15:00</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:10</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:52</u>
(D) Initial Shut-In <u>973</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>18:52 20:02</u>
(E) Second Initial Flow <u>28</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>21:41</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>238.70</u>	Comments _____
(G) Final Shut-In <u>/ / / / /</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2063</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 10
 Final Shut-In /

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1813.70

Sub Total 1813.70

Sub Total 0
 Total 1813.70
 MP/DST Disc't _____

Approved By _____ Our Representative Thanks, Jan

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.

ALLIED OIL & GAS SERVICES, LLC 059243

Federal Tax I.D.# 20-5975504

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Forest Bend, TX

DATE <i>1-28-13</i>	SEC <i>76</i>	TWP. <i>22S</i>	RANGE <i>21 W</i>	CALLED OUT	ON LOCATION	JOB START <i>11:30 AM</i>	JOB FINISH <i>12:30 AM</i>
LEASE <i>Chippewa</i>	WELLS <i>1-16</i>	LOCATION <i>Durdott 6W, 35, 3/4 W</i>	COUNTY <i>Hodgeman</i>	STATE <i>KS</i>			
OLD OR (NEW) (Circle one)	<i>N in 16</i>					<i>1-03</i>	<i>7.15 all</i>

CONTRACTOR <i>Duke Drilling #5</i>
TYPE OF JOB <i>Rotary Plug</i>
HOLE SIZE <i>12 1/4</i> T.D.
CASING SIZE <i>8 3/8</i> DEPTH
TUBING SIZE DEPTH
DRILL PIPE <i>4 1/2</i> DEPTH <i>1320</i>
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. <i>All</i>
PERFS. - - -
DISPLACEMENT <i>Freshwater</i>

OWNER
CEMENT AMOUNT ORDERED <i>210 SKS</i>
<i>60% 40% Class 40% Port.</i>
<i>4 1/2 gal 4 1/2 flow</i>
COMMON <i>126 @ 17.90 = 2,255.40</i>
POZMIX <i>84 @ 9.35 = 785.40</i>
GEL <i>7 @ 23.40 = 163.80</i>
CHLORIDE @
ASC @
<i>10 scal 53 @ 2.97 = 157.41</i>
HANDLING <i>225.16 @ 2.48 = 558.39</i>
MILEAGE <i>9.40 x 40% = 2.60</i>
TOTAL <i>4,898.00</i>

EQUIPMENT
PUMP TRUCK CEMENTER <i>Austin Chambers 1</i>
<i>224</i> HELPER <i>Trent Hall 2</i>
BULK TRUCK
<i>344/170</i> DRIVER <i>Jed Robinson 2</i>
BULK TRUCK
DRIVER

REMARKS:

<i>Fill hole w 2 1/2" mud</i>
<i>1 1320 50 SKS</i>
<i>2 1130 50 SKS</i>
<i>3 530 40 SKS</i>
<i>4 60 20 SKS</i>
<i>5 RH 70 SKS</i>
<i>6 RH 20 SKS</i>
<i>Plug Down 12:00 AM 1-28-13</i>

CHARGE TO: *American Electric*

STREET _____

CITY _____ STATE _____ ZIP _____

376

SERVICE

DEPTH OF JOB <i>1320</i>
PUMP TRUCK CHARGE <i>2249.44</i>
EXTRA FOOTAGE @
MILEAGE <i>Num 40 @ 7.70 = 308.00</i>
MANIFOLD @
<i>Lum 40 @ 4.40 = 176.00</i>
TOTAL <i>2,733.84</i>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *X KENNETH MCGUIRE*

SIGNATURE *X Kenneth McGuire*

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	@	
TOTAL		
SALES TAX (If Any) <i>565.57</i>		
TOTAL CHARGES <i>7,631.84</i>		
DISCOUNT <i>25% 1,907.96</i>		
IF PAID IN 30 DAYS		
<i>5,723.88</i>		

Thank YOU.

ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: 10-31

DATE <u>1-28-13</u>	SEC <u>1</u>	TWP. <u>22S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>Chinman</u>	WELL# <u>1.16</u>	LOCATION <u>Burdett 6 35 11W</u>			COUNTY <u>Haskell</u>	STATE <u>OK</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Duke Drilling

TYPE OF JOB log

HOLE SIZE 7 1/2 T.D.

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 1320

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 11

PERFS.

DISPLACEMENT Mudwater

OWNER

CEMENT

AMOUNT ORDERED 10 sacks

60' 20' 40' 27'

4' 20' 40'

COMMON 2005 @

POZMIX 2005 @

GEL 2005 @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

EQUIPMENT

PUMP TRUCK CEMENTER 1

224 HELPER 1

BULK TRUCK

344 170 DRIVER 1

BULK TRUCK

DRIVER

REMARKS:

<u>1</u>	<u>1320</u>	<u>5' cks</u>
<u>2</u>	<u>1130</u>	<u>50 sks</u>
<u>3</u>	<u>530</u>	<u>40 sks</u>
<u>4</u>	<u>6</u>	<u>20 sks</u>
<u>5</u>	<u>RT</u>	<u>30 sks</u>
<u>6</u>	<u>RT</u>	<u>20 sks</u>
<u>7</u>	<u>10</u>	<u>10</u>

CHARGE TO: F. ...

STREET

CITY STATE ZIP

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME EMAN. H. ...

SIGNATURE [Signature]

TOTAL

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

for YOU.