



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
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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 Name Top Datum
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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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other (Explain) _____

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 (Specify) _____ <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	O'Brate-Gray 2-8
Doc ID	1114239

Tops

Name	Top	Datum
Heebner	4071'	-1182
Lansing	4126'	-1237
Stark	4451'	-1562
B/KC	4585'	-1696
Marmaton	4609'	-1720
Pawnee	4689'	-1800
cherokee	4724'	-1835
Morrow	4873'	-1984
Mississippian	4917'	-2028

Geological Report

American Warrior, Inc.

O'Brate-Gray #2-8

664' FSL & 478' FWL

Sec. 8, T24s, R30w

Gray County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
O'Brate-Gray #2-8
664' FSL & 478' FWL
Sec. 8, T24s, R30w
Gray County, Kansas
API # 15-069-20427-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: January 17, 2013

Completion Date: January 26, 2013

Elevation 2876' Ground Level
2889' Kelly Bushing

Directions: From Southeast side of Garden City, KS at intersection of Hwy 50 and Pole Line Rd. Go 5 miles East on Pole Line Rd to 2 Rd. Now go 1 mile North on 2 Rd to C Rd. Go North across the intersection on 2 Rd ¼ mile and turn East into location.

Casing: #28 8 5/8" surface casing set @ 452' with 250 sacks Class A, 3% c.c, 2% gel. #15.5 4 ½" production casing set @ 4983 with 150 sacks EA-2. Port collar set @ 1787.

Samples: 4000' to RTD 10' wet and dry,

Drilling Time: 4000' to RTD

Electric Logs: Pioneer "J. Long" Dual Compensated Porosity, Dual Induction, Microresistivity.

Drillstem Tests: Two Trilobite Testing "Shane McBride"

Formation Tops

Formation

Heebner

Lansing

Stark

BKc

Marmaton

Pawnee

Fort Scott

Cherokee

Atoka

Morrow

Miss

RTD

LTD

American Warrior, Inc.

O'Brate-Gray #2-8

Sec. 8, T24s, R30w

664' FSL & 478' FWL

4071' -1182

4126' -1237

4451' -1562

4585' -1696

4609' -1720

4689' -1800

4711' -1822

4724' -1835

4825' -1936

4873' -1984

4917' -2028

5000' -2111

5008' -2119

Sample Zone Descriptions

Morrow Sand (4848', -1983): Covered in DST #1 and DST #2

Sandstone. Grey. Very fine to fine grain. Poorly sorted rounded grains mixed in with angular and sub angular grains. Very poor to no stain. No saturation and no show of free oil. No odor. 0 Unit hotwire.

Drill Stem Tests
Trilobite Testing Inc.
"Sam Esparza"

DST #1

Morrow Sand

Interval (4811' – 4880') Anchor Length 69'

IHP	- 2435 #	
IFP	- 30" – Weak surface blow	27-66 #
ISI	- 30" – No Return	1198 #
FFP	- 10" – No Blow	94-84 #
FSIP	- Pull tool	NA
FHP	- 2405 #	
BHT	- 113 ° F	

Recovery: 30' Mud

DST #2

Morrow Sand

Interval (4812' – 4890') Anchor Length 78'

IHP	- 2476 #	
IFP	- 45" – 2 ½" blow	25-85 #
ISI	- 45" – No Return	1193 #
FFP	- 45" – 2 ½" blow	96-121
FSIP	- 45" – No Return	1143 #
FHP	- 2409 #	
BHT	- 112 F	

Recovery: 210' Heavy Mud

Structural Comparison

Formation	American Warrior, Inc. O'Brate-Gray #2-8 Sec. 8, T24s, R30w 664' FSL & 478' FWL	American Warrior, Inc O'Brate-Gray #1-8 Sec. 8, T24s, R30w 335' FSL & 845' FEL		American Warrior, Inc. Wehkamp #1-15 Sec. 15, T24s, R30w 394' FNL & 652' FWL	
Heebner	4071' -1182	4068' -1200	+18	4052' -1196	+16
Lansing	4126' -1237	4120' -1252	+15	4101' -1245	+8
Stark	4451' -1562	4449' -1581	+19	4424' -1568	+6
BKC	4585' -1696	4583' -1715	+19	4573' -1717	+21
Marmaton	4609' -1720	4604' -1736	+16	4597' -1741	+21
Pawnee	4689' -1800	4677' -1809	+9	4670' -1814	+14
Fort Scott	4711' -1822	4700' -1832	+10	4696' -1840	+18
Cherokee	4724' -1835	4717' -1849	+14	4710' -1854	+19
Atoka	4825' -1936	4817' -1949	+13	4801' -1945	+9
Morrow	4873' -1984	4848' -1980	-4	4839' -1983	-1
Miss	4917' -2028	4876' -2008	-20	4900' -2044	+16

Summary

The location for the O'Brate-Gray #2-8 well was found via 3-D seismic. The new well ran structurally as expected. Two drill stem tests were conducted, neither of which recovered commercial quantities of oil. Due to good shut in pressures and a relatively clean sand, the decision was made to run 4 ½" production casing to attempt to frac the Morrow sand formation.

Recommended Perforations

Morrow Sand (4874' – 4888')

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

O'Brate Gray #2-8

8-24s-30w Gray,KS

Start Date: 2013.01.23 @ 17:15:48

End Date: 2013.01.23 @ 23:37:42

Job Ticket #: 50034 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.01 @ 11:05:00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

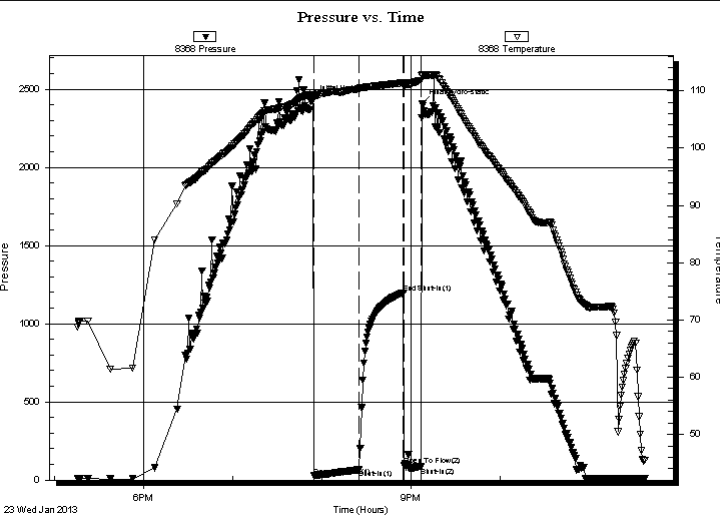
8-24s-30w Gray, KS
O'Brate Gray #2-8
Job Ticket: 50034 **DST#: 1**
Test Start: 2013.01.23 @ 17:15:48

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:54:28
Time Test Ended: 23:37:42
Interval: 4811.00 ft (KB) To 4880.00 ft (KB) (TVD)
Total Depth: 4880.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Shane McBride
Unit No: 55
Reference Elevations: 2889.00 ft (KB)
2876.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 8368 Outside
Press @ Run Depth: 66.55 psig @ 4812.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.01.23 End Date: 2013.01.23 Last Calib.: 2013.01.23
Start Time: 17:15:48 End Time: 23:37:42 Time On Btm: 2013.01.23 @ 19:54:13
Time Off Btm: 2013.01.23 @ 21:07:43

TEST COMMENT: Weak Surface blow
No return
Bubble to open tool no blow
Pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2435.71	109.73	Initial Hydro-static
1	27.01	108.69	Open To Flow (1)
31	66.55	110.39	Shut-In(1)
61	1198.97	111.38	End Shut-In(1)
61	94.06	110.64	Open To Flow (2)
73	84.66	111.78	Shut-In(2)
74	2405.82	112.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud 100% m	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

8-24s-30w Gray,KS
O'Brate Gray #2-8
Job Ticket: 50034 **DST#: 1**
Test Start: 2013.01.23 @ 17:15:48

Tool Information

Drill Pipe:	Length: 4610.00 ft	Diameter: 3.80 inches	Volume: 64.67 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: 188.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose:	88000.00 lb
			<u>Total Volume: 65.59 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	4811.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	69.00 ft				
Tool Length:	96.00 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			4785.00	
Shut In Tool	5.00			4790.00	
Hydraulic tool	5.00			4795.00	
Jars	5.00			4800.00	
Safety Joint	2.00			4802.00	
Packer	5.00			4807.00	27.00 Bottom Of Top Packer
Packer	4.00			4811.00	
Stubb	1.00			4812.00	
Recorder	0.00	6667	Inside	4812.00	
Recorder	0.00	8368	Outside	4812.00	
Perforations	29.00			4841.00	
Change Over Sub	1.00			4842.00	
Drill Pipe	32.00			4874.00	
Change Over Sub	1.00			4875.00	
Bullnose	5.00			4880.00	69.00 Bottom Packers & Anchor

Total Tool Length: 96.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

8-24s-30w Gray,KS
O'Brate Gray #2-8
Job Ticket: 50034 **DST#: 1**
Test Start: 2013.01.23 @ 17:15:48

Mud and Cushion Information

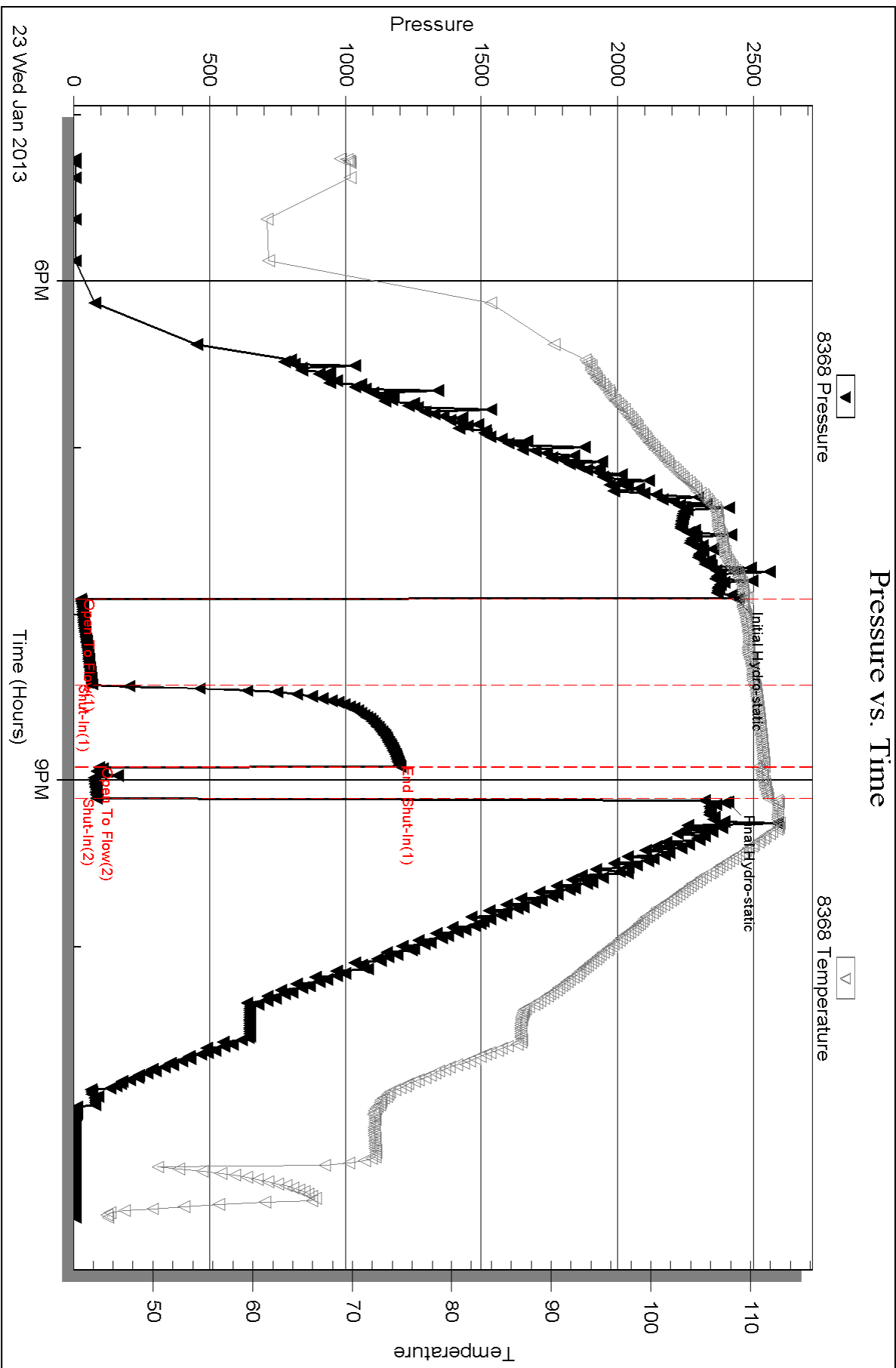
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.17 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mud 100%m	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



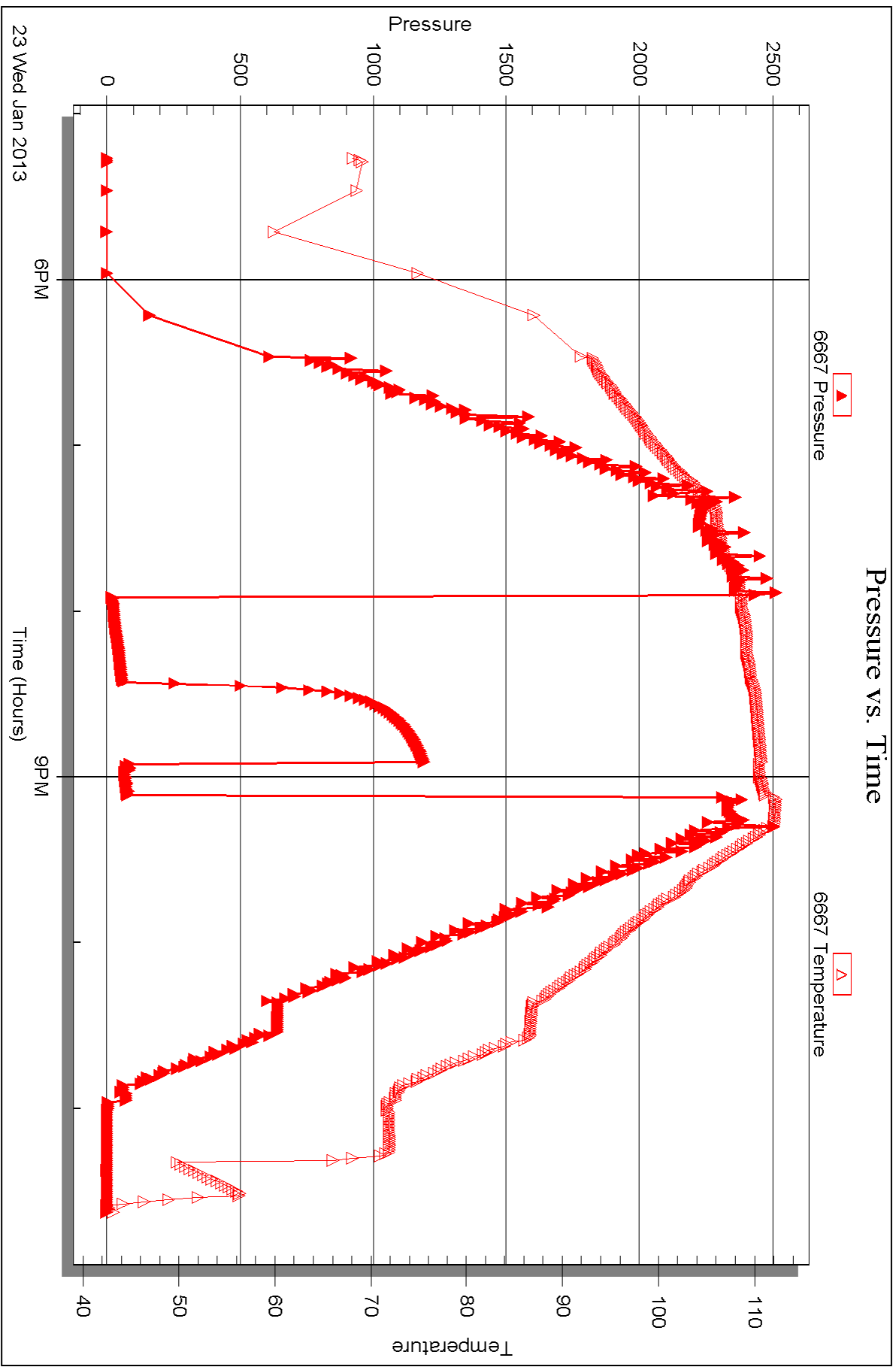
Serial #: 6667

Inside

American Warrior Inc

OBrate Gray #2-8

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

O'Brate Gray #2-8

8-24s-30w Gray,KS

Start Date: 2013.01.24 @ 07:41:07

End Date: 2013.01.24 @ 15:04:22

Job Ticket #: 50035 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.01 @ 11:03:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

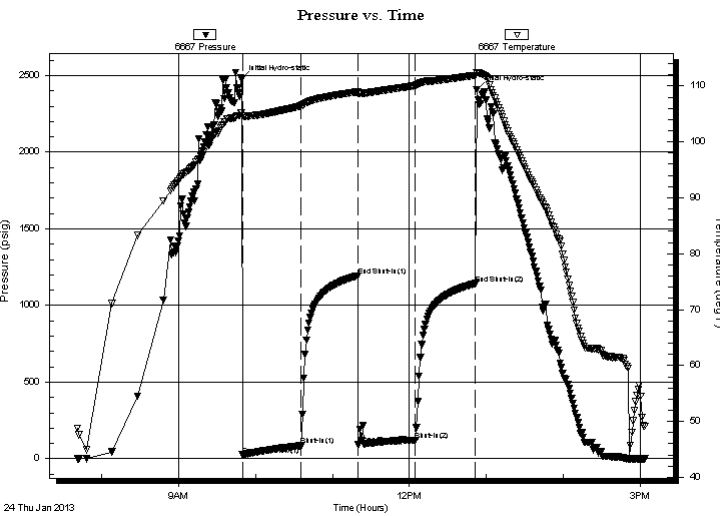
8-24s-30w Gray, KS
O'Brate Gray #2-8
 Job Ticket: 50035 **DST#: 2**
 Test Start: 2013.01.24 @ 07:41:07

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:49:37
 Time Test Ended: 15:04:22
 Interval: **4812.00 ft (KB) To 4890.00 ft (KB) (TVD)**
 Total Depth: 4890.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2889.00 ft (KB)
 2876.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6667 Inside
 Press @ Run Depth: 121.07 psig @ 4813.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.24 End Date: 2013.01.24 Last Calib.: 2013.01.24
 Start Time: 07:41:07 End Time: 15:04:22 Time On Btm: 2013.01.24 @ 09:49:07
 Time Off Btm: 2013.01.24 @ 12:52:37

TEST COMMENT: 2 1/2" blow
 No return
 2 1/2" blow
 No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2476.66	105.22	Initial Hydro-static
1	25.75	104.75	Open To Flow (1)
47	85.71	106.43	Shut-In(1)
91	1193.46	108.97	End Shut-In(1)
91	96.00	108.66	Open To Flow (2)
136	121.07	110.06	Shut-In(2)
183	1143.09	111.90	End Shut-In(2)
184	2409.51	112.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	heavy mud 100%m	1.23

* 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
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

8-24s-30w Gray,KS
O'Brate Gray #2-8
Job Ticket: 50035 **DST#: 2**
Test Start: 2013.01.24 @ 07:41:07

Tool Information

Drill Pipe:	Length: 4610.00 ft	Diameter: 3.80 inches	Volume: 64.67 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: 188.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 65.59 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	4812.00 ft			Final	77000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	78.00 ft				
Tool Length:	105.00 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			4786.00	
Shut In Tool	5.00			4791.00	
Hydraulic tool	5.00			4796.00	
Jars	5.00			4801.00	
Safety Joint	2.00			4803.00	
Packer	5.00			4808.00	27.00 Bottom Of Top Packer
Packer	4.00			4812.00	
Stubb	1.00			4813.00	
Recorder	0.00	6667	Inside	4813.00	
Recorder	0.00	8368	Outside	4813.00	
Perforations	7.00			4820.00	
Change Over Sub	1.00			4821.00	
Drill Pipe	63.00			4884.00	
Change Over Sub	1.00			4885.00	
Bullnose	5.00			4890.00	78.00 Bottom Packers & Anchor

Total Tool Length: 105.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

8-24s-30w Gray,KS
O'Brate Gray #2-8
Job Ticket: 50035 **DST#: 2**
Test Start: 2013.01.24 @ 07:41:07

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.16 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	heavy mud 100%m	1.233

Total Length: 210.00 ft Total Volume: 1.233 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

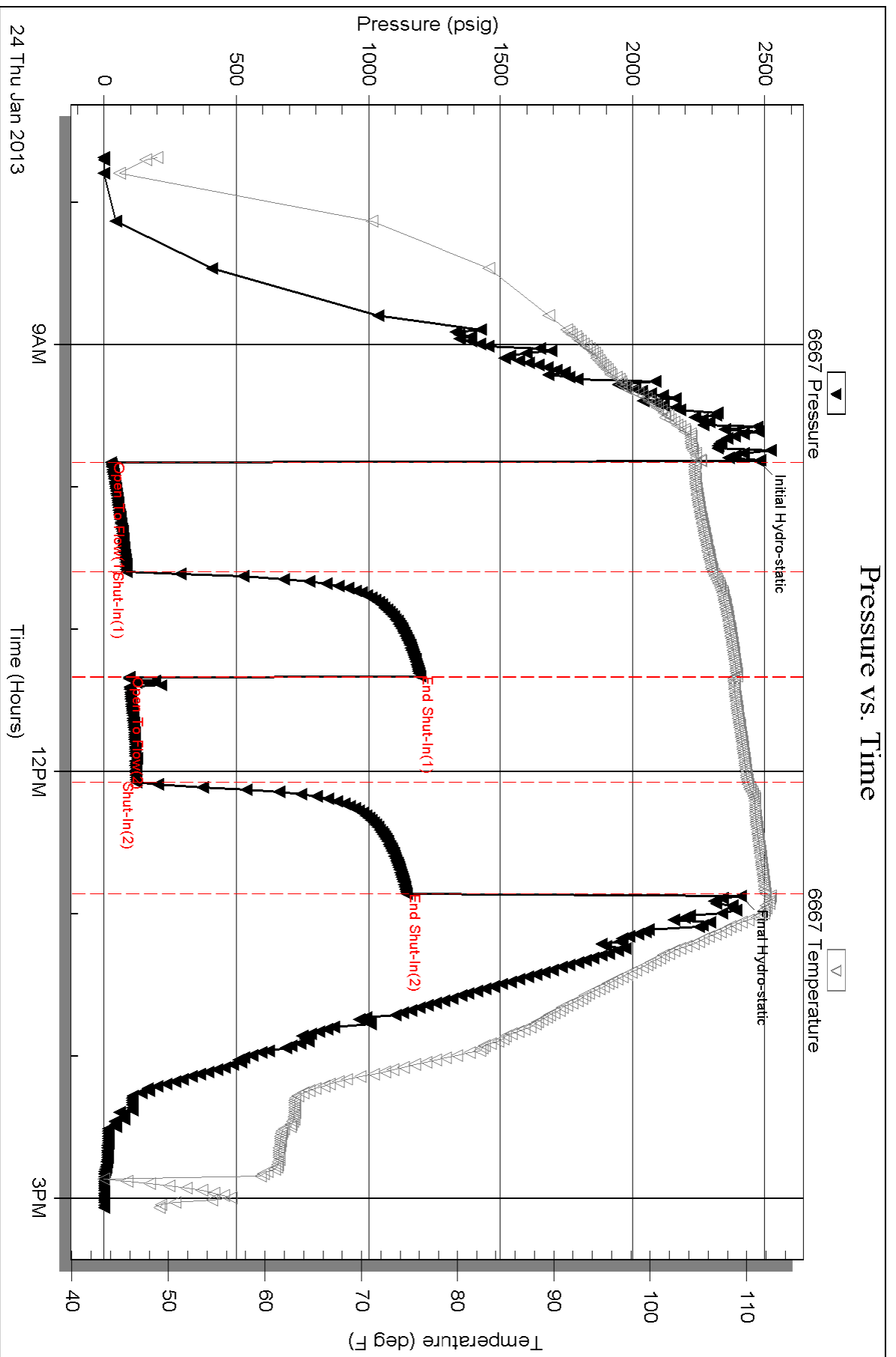
Serial #: 6667

Inside

American Warrior Inc

O/Brate Gray #2-8

DST Test Number: 2

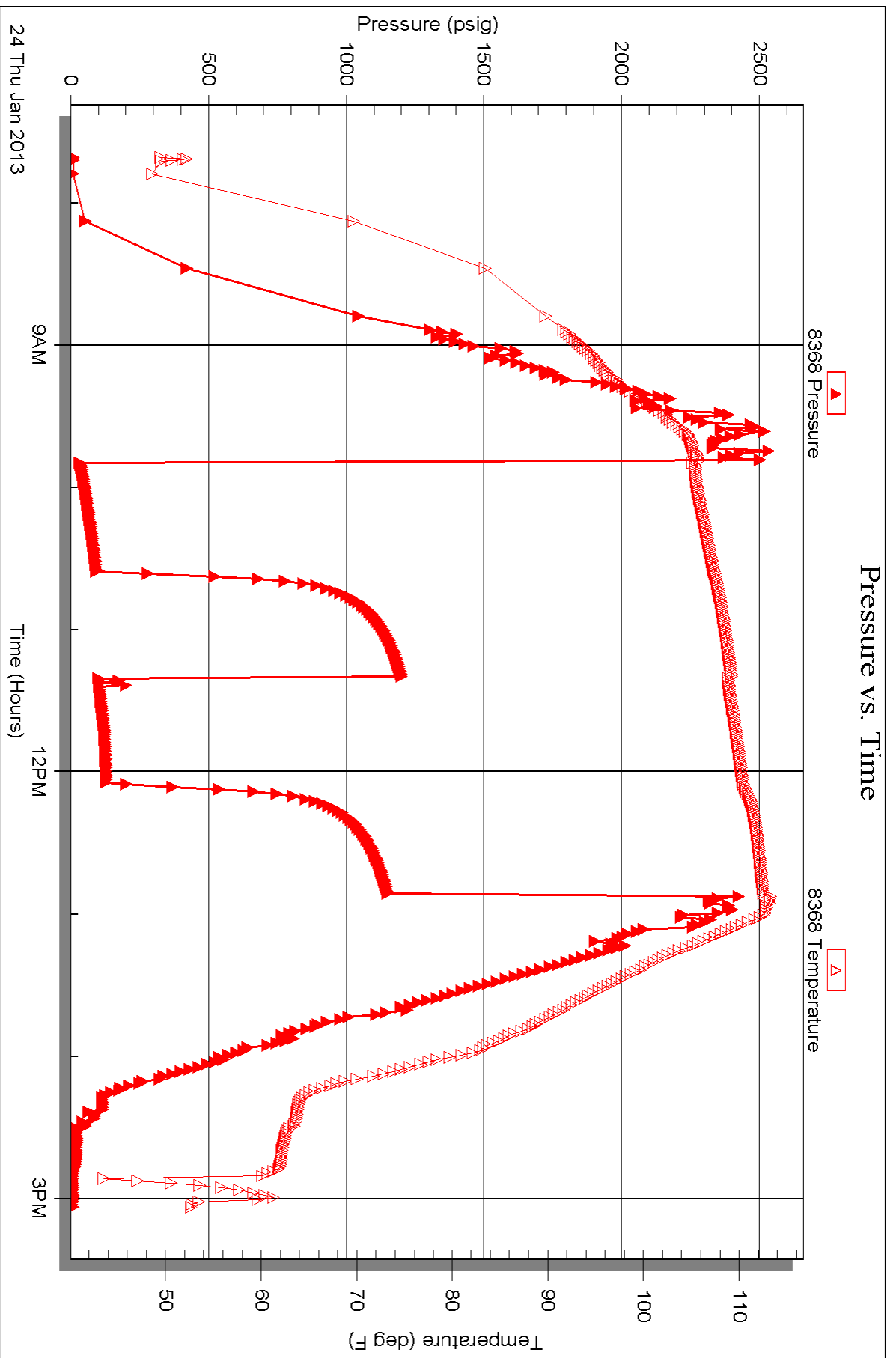


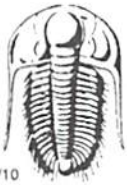
Serial #: 8368

Outside American Warrior Inc

OBrate Gray #2-8

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **50034**

4/10

Well Name & No. O'Brate - Gray # 2-8 Test No. #1 Date 1/23/13
 Company American Warrior Inc. Elevation 2889 KB 2876 GL
 Address 3118 Cummins RD. P.O. Box 399, Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Dube #9
 Location: Sec. 8 Twp. 24 Rge. 30 Co. Gray State Ks

Interval Tested 4811 4880 Zone Tested Morrow
 Anchor Length 69 Drill Pipe Run 4610 Mud Wt. 9.4
 Top Packer Depth 4806 Drill Collars Run 188 Vis 48
 Bottom Packer Depth 4811 Wt. Pipe Run — WL 9.2
 Total Depth 4880 Chlorides 4600 ppm System LCM #3

Blow Description Weak Surface blow
No return
Bubble to open tool, ~~no~~ No blow
Pull Tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Mud</u>			<u>100</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 30 BHT 113° Gravity — API RW — @ —° F Chlorides — ppm

(A) Initial Hydrostatic 2435 Test 1250 T-On Location 16100
 (B) First Initial Flow 27 Jars 250 T-Started 17:15
 (C) First Final Flow 66 Safety Joint 75 T-Open 19:55
 (D) Initial Shut-In 1198 Circ Sub N/C T-Pulled 21:05
 (E) Second Initial Flow 94 Hourly Standby — T-Out 23:40
 (F) Second Final Flow 84 Mileage 101 RT 156.55
 (G) Final Shut-In 2 Sampler —
 (H) Final Hydrostatic 2405 Straddle —
 Shale Packer —
 Extra Packer —
 Extra Recorder —
 Day Standby —
 Accessibility —

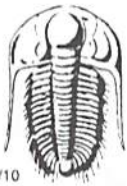
Initial Open 30
 Initial Shut-In 30
 Final Flow 10
 Final Shut-In pull tool

Sub Total 1731.55

MP/DST Disc't —

Approved By _____ Our Representative [Signature]

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. 50035

Well Name & No. O'Brate-Gray #2-8 Test No. #2 Date 1/24/13
 Company American Warrior Inc Elevation 2889 KB 2876 GL
 Address 318 Cumming RD P.O. Box 399, Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Duke #9
 Location: Sec. 8 Twp. 24 Rge. 30 Co. Gray State KS

Interval Tested 4812 4890 Zone Tested Morrow
 Anchor Length 78 Drill Pipe Run 4610 Mud Wt. 9.4
 Top Packer Depth 4807 Drill Collars Run 188 Vis 48
 Bottom Packer Depth 4812 Wt. Pipe Run --- WL 9.2
 Total Depth 4890 Chlorides 6600 ppm System LCM #3

Blow Description 2 1/2" in blow
No return
2 1/2" in blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>210'</u>	<u>Heavy Mud</u>			<u>100</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 210' BHT 112° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic <u>2476</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>07:25</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>07:40</u>
(C) First Final Flow <u>85</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:50</u>
(D) Initial Shut-In <u>1193</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>12:50</u>
(E) Second Initial Flow <u>94</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>15:05</u>
(F) Second Final Flow <u>121</u>	<input checked="" type="checkbox"/> Mileage <u>101 RT</u> 156.55	Comments
(G) Final Shut-In <u>1143</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2409</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Sub Total 1731.55

Approved By _____ Our Representative

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Date 1-18-13 District C. BEAK Ticket No. 2215
 Company AMERICAN CARRIER Rig _____
 Lease O. BASTE Well No. 2-8
 County GRAY State KS
 Location _____ Field _____

CEMENT DATA:
 Spacer Type: H₂O
 Amt. 10 Sks Yield _____ ft³/sk Density _____ PPG

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 1/4 Type _____ Weight 28.4 Collar _____

LEAD: Pump Time _____ hrs. Type A
3 1/2 CC 2% GEL W/ ROSEEX Excess _____
 Amt. 27+ Sks Yield _____ ft³/sk Density _____ PPG
 TAIL: Pump Time _____ hrs. Type _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbbs.

Casing Depths: Top 0 Bottom 453

Pump Trucks Used 549 / 550
 Bulk Equip. 470 / 528

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Float Equip: Manufacturer N/A
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O Amt. 26.5 Bbbs. Weight 8.7 PPG
 Mud Type _____ Weight _____ PPG

CAPACITY FACTORS:
 Casing: Bbbs/Lin. ft. 0624 Lin. ft./Bbl. _____
 Open Holes: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbbs/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbbs/Lin. ft. 0735 Lin. ft./Bbl. _____
 Bbbs/Lin. ft. N/A Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____

CEMENTER D. Ryan

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
<u>12:30</u>						<u>ON LOC + SAFETY MEETING</u>
<u>12:15</u>						<u>N.Y. UP</u>
<u>3:00</u>						<u>BREAK CIRC</u>
<u>3:10</u>		<u>100</u>		<u>10</u>		<u>PUMP 10 BBL H₂O AHEAD</u>
<u>3:16</u>		<u>1170</u>		<u>28.5</u>	<u>6</u>	<u>MIX 2% GEL W/ ROSEEX @ 14.8</u>
<u>3:50</u>		<u>0</u>			<u>6</u>	<u>Disp (C/M)</u>
<u>4:00</u>		<u>160</u>		<u>26.5</u>	<u>0</u>	<u>SHUT DOWN + SHUT IN</u>
						<u>CIRC CUT TO SURFACE</u>



CHARGE TO: American Warrior
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET
 No 23804

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>New City KS</u>	WELL/PROJECT NO. <u>2-8</u>	LEASE <u>OBrate Gray</u>	COUNTY/PARISH <u>Gray</u>	STATE <u>KS</u>	CITY <u>Garden City</u>	DATE <u>25 Nov 13</u>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>ACT</u>	DELIVERED TO <u>location</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>concrete long string</u>	WELL PERMIT NO.	WELL LOCATION <u>8-34-30</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	80		mi		6.00	480.00
578		1			Ramp Charge	1		ea		1500	1500.00
402		1			Centralizer	4 1/2		in	10 ea	65.00	650.00
403		1			Cement Basket	4 1/2		in	2 ea	250.00	500.00
404		1			Port collar	4 1/2		in	1 ea	2400.00	2400.00
406		1			Latch down plug & buffer	4 1/2		in	1 ea	225.00	225.00
407		1			insert float shoe w/ AUTO FILL	4 1/2		in	1 ea	300.00	300.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X Josel P. Yea
 DATE SIGNED _____ TIME SIGNED _____ A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				
WE UNDERSTOOD AND MET YOUR NEEDS?				
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 23804

CUSTOMER American Warrior
WELL Orotate Bay 2-8
DATE 25 Jun 13
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
325		1				STANDARD cement (100 4-2)	200	sk			13.50	2700	00
284		1				colson	1000	lb	10	sk	35.00	3500	00
283		1				salt	1000	lb			0.20	200	00
292		1				halad-322	100	lb			7.75	775	00
276		1				flocal	50	lb			2.00	100	00
290		1				D-AIR	3	gal			35.00	105	00
281		1				MUDFLUSH	500	gal			1.25	625	00
221		1				KCl liquid	200	gal			2.50	500	00
581		1				SERVICE CHARGE					2.00	400	00
583		1				MILEAGE CHARGE					1.00	840	00

CONTINUATION TOTAL

JOB LOG

SWIFT Services, Inc.

DATE 5/9/13 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 2-8 LEASE Obate Gray JOB TYPE concrete long string TICKET NO. 23804

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								200s/s SA-2 w/ 1/4" floater TD=5000 4 1/2" x 11.6# casing 115 joints - 4938' Cent 2,4,6,8,10,12,14,16,72,74 Bush 7,73 PORT COLLAR #73 1787'
	0930							on loc TRK 114
	1000							start 4 1/2" 11.6# casing in well
	0020							Drop ball - circulate
	0120	3 3/4	12			250		PUMP 500 gal mix flush
		3 3/4	20			250		Pump 20 bbl KCK liquid
	0130		12					Plug RH - MH 30s/s - 20s/s
	0136	3 3/4	47			300		mix SA-2 cement w/ 1/4" floater 100s/s @ 153 178
	0150							Drop bit down plug - work pump @ line
	0151	6 3/4				300		Displace plug
		6 3/4	69			850		
	0200	6 3/4	77			1500		Land plug
	0205							Release pressure to truck - dried up
								wash truck
								Rock up
	0245							job complete
								Thanks TJ Russ Dave @ Blaine