



KANSAS CORPORATION COMMISSION 1120017
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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 Bbbs.	Gas Mcf	Water Bbbs.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Cure-Ruff 1-9
Doc ID	1120017

All Electric Logs Run

Micro
Sonic
Induction
Porosity

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Cure-Ruff 1-9
Doc ID	1120017

Tops

Name	Top	Datum
Heebner	3721'	-1562
Douglas	3747'	-1588
Lansing	3782'	-1623
Stark	4037'	-1878
B/KC	4153'	-1994
Marmaton	4161'	-2002
Pawnee	4220'	-2061
Ft.Scott	4301'	-2142
osage	4372'	-2213

Geological Report

American Warrior, Inc.

Cure-Ruff #1-9

128' FSL & 2226' FWL

Sec. 9, T22s, R21w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Cure-Ruff #1-9
128' FSL & 2226' FWL
Sec. 9, T22s, R21w
Hodgeman County, Kansas
API # 15-083-21879-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Kevin Timson

Spud Date: February 8, 2013

Completion Date: February 16, 2013

Elevation 2148' G.L.
2159' K.B.

Directions: From Hanston, KS. Go 5 miles East on Hwy 156 to 233 Rd. Go South 1 mile on 233 Rd to Q Rd. Go West ¾ mile on Q Rd and North into location.

Casing: #28 8 5/8" surface casing @ 1014 with 450 sacks
Class A, 3% c.c, 2% gel.

Samples: 3680' to RTD 10' Wet & Dry

Drilling Time: 3680' to RTD

Electric Logs: Pioneer-Full Sweep "R. Barnhart"

Drillstem Tests: One, Trilobite Testing, Inc. "Ray Schwager"

Problems: None

Formation Tops

Formation

Heebner

Douglas

Lansing

Stark

BKC

Marmaton

Pawnee

Fort Scott

Cherokee

Osage

Gilmore City

RTD

LTD

American Warrior, Inc.

Cure-Ruff #1-9

Sec. 9, T22s, R21w

128' FSL & 2226' FWL

3721' -1562

3747' -1588

3782' -1623

4037' -1878

4153' -1994

4161' -2002

4220' -2061

4301' -2142

4325' -2166

4372' -2213

4419' -2260

4500' -2341

4498' -2339

Sample Zone Descriptions

Mississippian Osage (4386' -2215) Covered in DST #1 – DST #3

Chert- White. Triptolitic. Slightly weathered. Fair vuggy porosity, and poor intercrystalline porosity. Fair to good stain. Fair saturation. Fair to good odor. Show of free oil.

Drill Stem Tests
 Trilobite Testing Inc.
 "Ray Schwager"

DST #1

Mississippian Osage

Interval (4337' – 4384') Anchor Length 47'

IHP	- 2082 #	
IFP	- 30" – WSB ¼" blow	24-44 #
ISI	- 30" – No Return	602 #
FFP	- 30" – No Blow	31-36 #
FSIP	- 30" – No Return	133 #
FHP	- 2050 #	
BHT	- 114 ° F	

Recovery: 10' SOCM (2% Oil, 98% Mud)

Structural Comparison

	American Warrior, Inc. Cure-Ruff #1-9 Sec. 9, T22s, R21w 128' FSL & 2226' FWL		Antares Oil Corp. Hastings #1 Sec. 9, T22s, R21w C SE SW		Thunderbird & Petroleum Res. Hastings #1 Sec 9, T22s, R21w C NE SW
Formation					
Heebner	3721' -1562	+1	3711' -1563	-4	3703' -1558
Douglas	3747' -1588	+2	3738' -1590	NA	NA
Lansing	3782' -1623	+1	3772' -1624	-6	3762' -1617
Stark	4037' -1878	+7	4033' -1885	NA	NA
BKC	4153' -1994	+6	4148' -2000	-1	4138' -1993
Marmaton	4161' -2002	+7	4157' -2009	-2	4145' -2000
Pawnee	4220' -2061	+5	4214' -2066	-4	4210' -2065
Fort Scott	4301' -2142	+7	4297' -2149	-3	4284' -2139
Cherokee	4325' -2166	+7	4321' -2173	-2	4309' -2164
Osage	4372' -2213	+11	4372' -2224	-4	4354' -2209
Gilmore C.	4419' -2260	NA	NA	NA	NA

Summary

The location for the Cure-Ruff #1-9 well was found via 3-D seismic survey. The new well ran structurally as expected. One drill stem test was conducted, which did not recover commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Cure-Ruff #1-9 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: Cecil O'Brate

Cure-Ruff #1-9

9-22s-21w Hodgeman,KS

Start Date: 2013.02.14 @ 22:35:51

End Date: 2013.02.15 @ 05:46:15

Job Ticket #: 50354 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.22 @ 10:23:25

American Warrior Inc

9-22s-21w Hodgeman,KS

Cure-Ruff #1-9

DST # 1

Cher Sd , Miss Osage

2013.02.14



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

9-22s-21w Hodgeman, KS
Cure-Ruff #1-9
 Job Ticket: 50354 **DST#: 1**
 Test Start: 2013.02.14 @ 22:35:51

GENERAL INFORMATION:

Formation: **Cher Sd , Miss Osage**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 01:19:16 Tester: Ray Schwager
 Time Test Ended: 05:46:15 Unit No: 42
 Interval: **4337.00 ft (KB) To 4384.00 ft (KB) (TVD)** Reference Elevations: 2159.00 ft (KB)
 Total Depth: 4384.00 ft (KB) (TVD) 2148.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

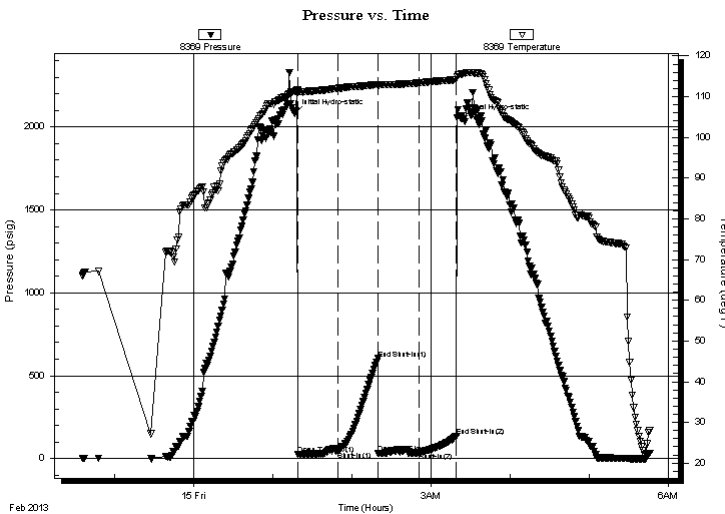
Serial #: 8369

Inside

Press @ Run Depth: 36.18 psig @ 4348.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.02.14 End Date: 2013.02.15 Last Calib.: 2013.02.15
 Start Time: 22:35:51 End Time: 05:46:15 Time On Btm: 2013.02.15 @ 01:16:46
 Time Off Btm: 2013.02.15 @ 03:23:00

TEST COMMENT: 30-IFP-w k bl 1/4" bl
 30-ISIP-no bl
 30-FFP-no bl
 30-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2082.87	111.30	Initial Hydro-static
3	24.21	110.92	Open To Flow (1)
33	44.85	112.05	Shut-In(1)
63	602.40	113.03	End Shut-In(1)
64	31.30	112.83	Open To Flow (2)
94	36.18	113.38	Shut-In(2)
123	133.79	114.15	End Shut-In(2)
127	2050.37	115.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 2%O98%M	0.05

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: Cecil O'Brate

9-22s-21w Hodgeman,KS
Cure-Ruff #1-9
Job Ticket: 50354 **DST#: 1**
Test Start: 2013.02.14 @ 22:35:51

Tool Information

Drill Pipe:	Length: 4093.00 ft	Diameter: 3.80 inches	Volume: 57.41 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 58.59 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4337.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	75.00 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			4310.00	
Shut In Tool	5.00			4315.00	
Hydraulic tool	5.00			4320.00	
Jars	5.00			4325.00	
Safety Joint	2.00			4327.00	
Packer	5.00			4332.00	28.00 Bottom Of Top Packer
Packer	5.00			4337.00	
Stubb	1.00			4338.00	
Perforations	10.00			4348.00	
Recorder	0.00	8369	Inside	4348.00	
Recorder	0.00	8700	Outside	4348.00	
Blank Spacing	33.00			4381.00	
Bullnose	3.00			4384.00	47.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

9-22s-21w Hodgeman,KS
Cure-Ruff #1-9
Job Ticket: 50354 **DST#: 1**
Test Start: 2013.02.14 @ 22:35:51

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

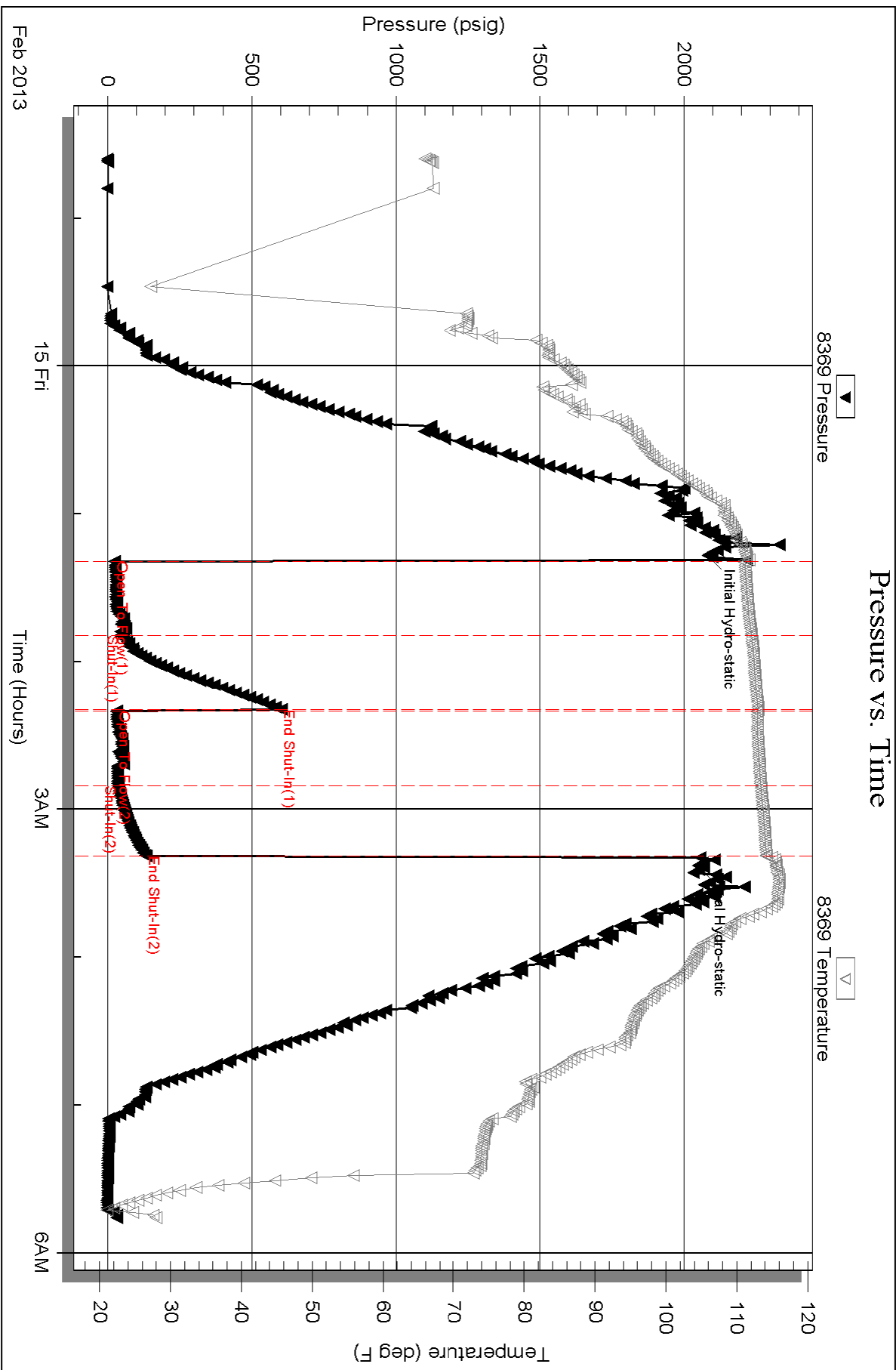
Length ft	Description	Volume bbl
10.00	SOCM2%O98%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

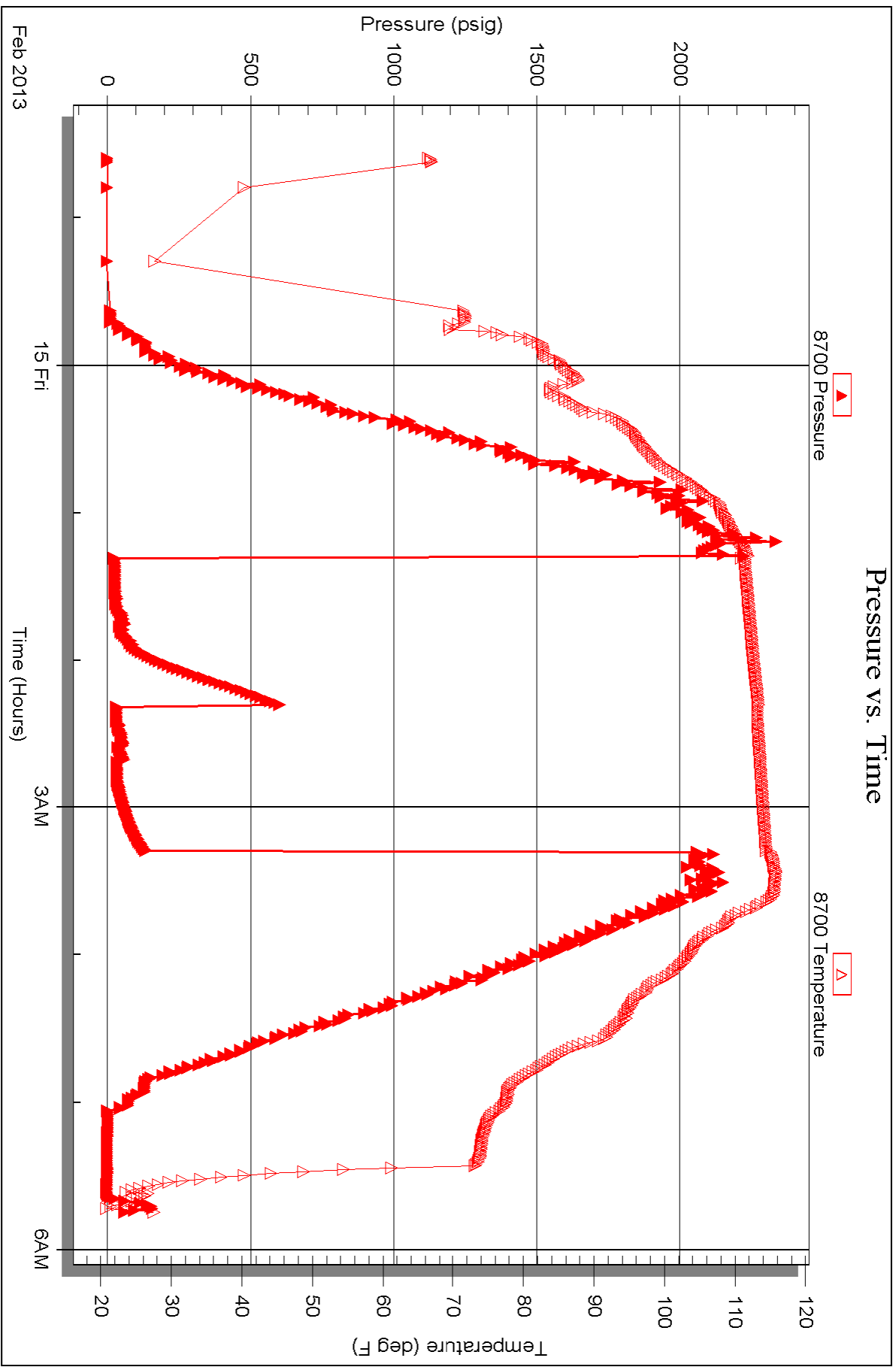


Serial #: 8700

Outside American Warrior Inc

Cure-Ruff #1-9

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50354

Well Name & No. Cure-Ruff #1-9 Test No. 1 Date 2-14-13
 Company AMERICAN WARRIOR, Inc Elevation 2159 KB 2148 GL
 Address PO Box 399 Garden City, Ks 67846
 Co. Rep / Geo. Cecil O'BRATE, Kevin Timson Rig Duke rig 5
 Location: Sec. 9 Twp. 22^s Rge. 21^w Co. Hodgeman State Ks

Interval Tested 4337-4384 Zone Tested Cher. Sl., Miss Osage
 Anchor Length 47 Drill Pipe Run 4093 Mud Wt. 9.4
 Top Packer Depth 4332 Drill Collars Run 270 Vis 50
 Bottom Packer Depth 4337 Wt. Pipe Run - WL 8.8
 Total Depth 4384 Chlorides 6300 ppm System LCM TR

Blow Description IFP - WEAK Blow 1/4" Blow
ISTP - NO Blow
FFP - NO Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>50 CM</u>		<u>2</u>		<u>98</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 10 BHT 114 Gravity - API RW - @ - ° F Chlorides - ppm

- (A) Initial Hydrostatic 2082
- (B) First Initial Flow 24
- (C) First Final Flow 44
- (D) Initial Shut-In 602
- (E) Second Initial Flow 31
- (F) Second Final Flow 36
- (G) Final Shut-In 133
- (H) Final Hydrostatic 2050

- Test 1250
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 140 RT 217
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1792

- T-On Location 2020
- T-Started 2235
- T-Open 0115
- T-Pulled 0315
- T-Out 0546

- Comments _____
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 0
- Total 1792
- MP/DST Disc't _____

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

Approved By _____

Our Representative RAY Schwager *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.

ALLIED OIL & GAS SERVICES, LLC 059261

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: West Bend, Ks

DATE <u>2-9-13</u>	SEC. <u>9</u>	TWP. <u>23</u>	RANGE <u>21</u>	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>11:30 AM</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Cure-Ruff</u>	WELL # <u>1-9</u>		LOCATION <u>Burditt, west to 233 Rd.</u>		COUNTY <u>Hodgson</u>	STATE <u>Ks</u>	
OLD OR <u>(NEW)</u> (Circle one)			1 south, 3/4 west, north/into		1-01	7.45	

CONTRACTOR Life 5 OWNER Same

TYPE OF JOB <u>Surface</u>	CEMENT
HOLE SIZE <u>12 1/4"</u>	AMOUNT ORDERED <u>450 lbs Cement + 35 cc</u>
CASING SIZE <u>8 5/8"</u>	<u>2 1/2" H₂O</u>
TUBING SIZE	
DRILL PIPE	
TOOL	

PRES. MAX <u>300'</u>	MINIMUM	COMMON <u>450</u>	@ <u>17.90</u>	<u>8,055.00</u>
MEAS. LINE	SHOE JOINT	POZMIX	@	
CEMENT LEFT IN CSG. <u>20'</u>		GEL	@ <u>23.40</u>	<u>210.60</u>
PERFS.		CHLORIDE <u>16</u>	@ <u>64.00</u>	<u>1024.00</u>
DISPLACEMENT <u>62</u>		ASC	@	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Tom Neuhum 1</u>
# <u>316</u>	HELPER <u>Charles Kinyard, Kevin Gilly 2</u>
BULK TRUCK	
# <u>344-120</u>	DRIVER <u>Joel Morahan 2</u>
BULK TRUCK	
#	DRIVER

HANDLING <u>487.00</u>	@ <u>2.48</u>	<u>1209.00</u>
MILEAGE <u>22.23 x 37 x 2.60</u>	@ <u>2.60</u>	<u>2,138.22</u>
TOTAL		<u>12,637.12</u>

REMARKS:
Ran 1014' of 8 5/8" casing. Back circulation.
Mixed 450 lbs cement + 35 cc 2 1/2" H₂O.
Released Plug. Replaced with fresh H₂O.
Cement did circulate.

CHARGE TO: American Union
STREET _____
CITY _____ STATE _____ ZIP _____

822.50

SERVICE

DEPTH OF JOB <u>1014'</u>		
PUMP TRUCK CHARGE	<u>2213.75</u>	
EXTRA FOOTAGE	@	
MILEAGE <u>Hum 37</u>	@ <u>7.70</u> <u>284.20</u>	
MANIFOLD <u>Hum 37</u>	@ <u>4.40</u> <u>162.80</u>	
TOTAL		<u>2,661.75</u>

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

<u>2- 8 5/8 Centralizers</u>	@ <u>74.88</u>	<u>149.76</u>
<u>1- 8 5/8 Basket</u>	@ <u>559.26</u>	<u>559.26</u>
<u>1- 8 5/8 Rubber Plug</u>	@ <u>131.04</u>	<u>131.04</u>
TOTAL		<u>840.06</u>

SALES TAX (if Any) 754.65
TOTAL CHARGES 16,138.93
DISCOUNT 4,034.65 IF PAID IN 30 DAYS
12,103.92

