



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1299130  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back       Conv. to GSW       Conv. to Producer
- 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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1299130

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Brenner Brothers 1-30
Doc ID	1299130

Tops

Name	Top	Datum
Anhydrite	1521	704
Heebner	3685	-1460
Lansing	3732	-1507
Base Kansas City	4001	-1776
Pawnee	4104	-1879
Ft. Scott	4187	-1962
Cherokee	4206	-1981
Mississippian	4275	-2050
RTD	4300	-2075





# **Geological Report**

**Brenner Brother #1-30**

1090' FNL & 700' FEL

Sec. 30 T17s R21w

Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Brenner Brothers #1-30  
1090' FNL & 700' FEL  
Sec. 30 T17s R21w  
Ness County, Kansas  
API # 15-135-25884-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #3

Geologist: Jason T Alm

Spud Date: October 22, 2015

Completion Date: November 2, 2015

Elevation: 2217' Ground Level  
2225' Kelly Bushing

Directions: Bazine KS, East ½ mi. to EE Rd. North 5 ½ mi.  
East into location.

Casing: 223' 8 5/8" surface casing  
4299' 5 1/2" production casing

Samples: 10' wet and dry, 3900' to RTD

Drilling Time: 3600' to RTD

Electric Logs: None

Drillstem Tests: Trilobite Testing, Inc. "Ken Swinney"

Problems: None

Remarks: None

## Formation Tops

	<b>American Warrior, Inc.</b> <b>Brenner Brothers #1-30</b> Sec. 30 T17s R21w 1090' FNL & 700' FEL
<b>Formation</b>	
Anhydrite	<b>1521', +704</b>
Base	<b>1554', +671</b>
Heebner	<b>3685', -1460</b>
Lansing	<b>3732', -1507</b>
BKC	<b>4001', -1776</b>
Pawnee	<b>4104', -1879</b>
Fort Scott	<b>4187', -1962</b>
Cherokee	<b>4206', -1981</b>
Mississippian	<b>4275', -2050</b>
Osage	<b>4284', -2059</b>
RTD	<b>4300', -2075</b>

## Sample Zone Descriptions

- Fort Scott (4187', -1962): Not Tested**  
 Ls – Fine to sub-crystalline with pinpoint inter-crystalline porosity, very light spotted oil stain, mostly barren and tite, fair yellow fluorescents, 56 units hotwire.
- Mississippian Osage (4284', -2059): Covered in DST #1 & 2**  
 Dolo – Δ – Fine sucrosic crystalline with poor inter-crystalline porosity, very heavy slightly triptolic chert, partially weathered with good vuggy porosity, light to fair oil stain with light scattered saturation in porosity, fair scattered yellow fluorescents, 55 units hotwire.

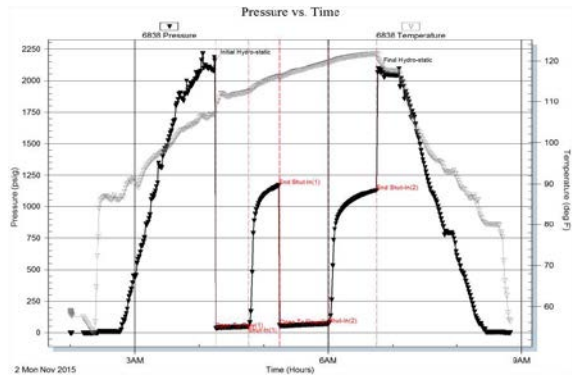


**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Ken Swinney"

**DST #1      Mississippian Osage**

Interval (4291' – 4300') Anchor Length 9'

IHP	- 2158 #	
IFP	- 30" – Built to 6 in.	33-48 #
ISI	- 30" – Dead	1172 #
FFP	- 45" – Built to 9 in.	57-69 #
FSI	- 45" – V.W.S.B.	1130 #
FHP	- 2097 #	
BHT	- 121°F	



Recovery:      63' GIP  
                   31' MWCO    80% Oil, 10% Water  
                   31' MCWO    40% Oil, 40% Water  
                   63' OCMW    5% Oil, 75% Water

**Structural Comparison**

	<b>American Warrior, Inc. Brenner Brothers #1-30 Sec. 30 T17s R21w 1090' FNL &amp; 700' FEL</b>		William N Bucklin Brenner #1 Sec. 30 T17s R21w 660' FNL & 560' FEL		William N Bucklin Brenner #6 Sec. 30 T17s R21w 1650' FNL & 600' FEL	
<b>Formation</b>						
Anhydrite	<b>1521', +704</b>		NA	<b>NA</b>	NA	<b>NA</b>
Base	<b>1554', +671</b>		NA	<b>NA</b>	NA	<b>NA</b>
Heebner	<b>3685', -1460</b>	3686', -1458	<b>(-2)</b>	3674', -1455	<b>(-5)</b>	
Lansing	<b>3732', -1507</b>	NA	<b>NA</b>	NA	<b>NA</b>	
BKC	<b>4001', -1776</b>	4006', -1778	<b>(+2)</b>	3992', -1773	<b>(-3)</b>	
Pawnee	<b>4104', -1879</b>	4106', -1878	<b>(-1)</b>	4094', -1875	<b>(-4)</b>	
Fort Scott	<b>4187', -1962</b>	4187', -1959	<b>(-3)</b>	4180', -1961	<b>(-1)</b>	
Cherokee	<b>4206', -1981</b>	4208', -1980	<b>(-2)</b>	4196', -1977	<b>(-4)</b>	
Mississippian	<b>4275', -2050</b>	4280', -2052	<b>(+2)</b>	4264', -2045	<b>(-5)</b>	
Osage	<b>4284', -2059</b>	NA	<b>NA</b>	NA	<b>NA</b>	

## Summary

The location for the Brenner Brothers #1-30 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which recovered commercial amounts of oil from the Mississippian Osage Formation. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Brenner Brothers #1-30 well.

### Recommended Perforations

**Primary:**

<b>Mississippian Osage</b>	<b>4288' – 4298'</b>	<b>DST #1</b>
----------------------------	----------------------	---------------

**Before Abandonment:**

<b>Fort Scott</b>	<b>4194' – 4198'</b>	<b>Not Tested</b>
-------------------	----------------------	-------------------

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.



## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399  
Garden City, KS 67846

ATTN: Jason Alm

### **Brenner Brother 1-30**

### **30-17s-21w Ness,KS**

Start Date: 2015.11.02 @ 02:00:00

End Date: 2015.11.02 @ 08:49:31

Job Ticket #: 61959                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.11.02 @ 11:20:16



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Jason Alm

**30-17s-21w Ness, KS**  
**Brenner Brother 1-30**  
 Job Ticket: 61959 **DST#: 1**  
 Test Start: 2015.11.02 @ 02:00:00

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 04:15:01  
 Time Test Ended: 08:49:31  
 Interval: **4291.00 ft (KB) To 4300.00 ft (KB) (TVD)**  
 Total Depth: 4300.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 58  
 Reference Elevations: 2225.00 ft (KB)  
 2217.00 ft (CF)  
 KB to GR/CF: 8.00 ft

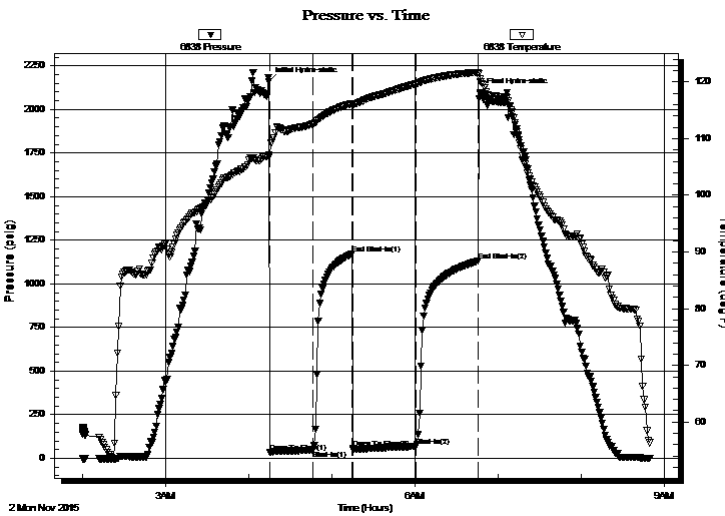
## Serial #: 6838

Inside

Press@RunDepth: 68.87 psig @ 4296.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.11.02 End Date: 2015.11.02 Last Calib.: 2015.11.02  
 Start Time: 02:00:01 End Time: 08:49:31 Time On Btm: 2015.11.02 @ 04:14:16  
 Time Off Btm: 2015.11.02 @ 06:46:31

TEST COMMENT: IFP 30 Minutes/Fair blow built to 6"  
 ISI 30 Minutes/No blow back  
 FFP 45 Minutes/Fair blow built to 9"  
 FSI 45 Minutes/Very weak surface blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2158.09	107.05	Initial Hydro-static
1	33.24	106.95	Open To Flow (1)
32	47.94	112.55	Shut-In(1)
60	1171.54	116.19	End Shut-In(1)
61	57.84	115.68	Open To Flow (2)
106	68.87	119.65	Shut-In(2)
151	1130.47	121.69	End Shut-In(2)
153	2096.56	120.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	OCMW Oil 5%/Mud 20%/Water 75%	0.61
31.00	MCWO Mud 20% Water 40% Oil 40%	0.43
31.00	MWCO Mud 10% Water 10% Oil 80%	0.43
0.00	63' GIP	0.00

## 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: Jason Alm

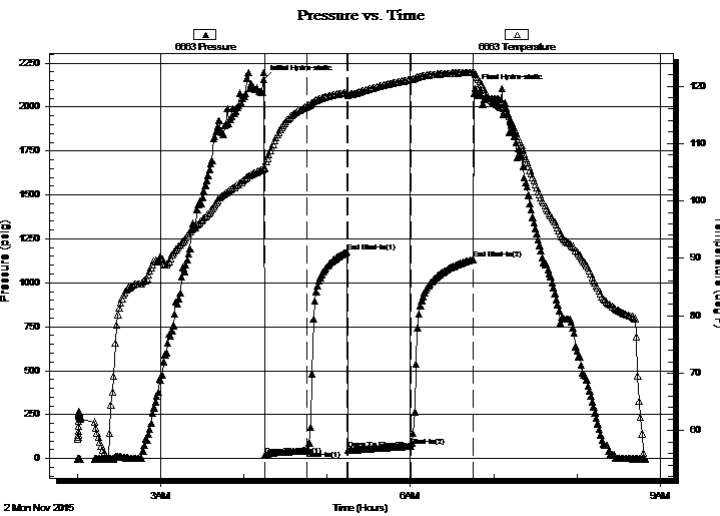
**30-17s-21w Ness, KS**  
**Brenner Brother 1-30**  
Job Ticket: 61959 **DST#: 1**  
Test Start: 2015.11.02 @ 02:00:00

## GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 04:15:01  
Time Test Ended: 08:49:31  
Interval: **4291.00 ft (KB) To 4300.00 ft (KB) (TVD)**  
Total Depth: 4300.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Ken Swinney  
Unit No: 58  
Reference Elevations: 2225.00 ft (KB)  
2217.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 6663 Outside**  
Press@RunDepth: 1133.95 psig @ 4297.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2015.11.02 End Date: 2015.11.02 Last Calib.: 2015.11.02  
Start Time: 02:00:01 End Time: 08:49:31 Time On Btm: 2015.11.02 @ 04:14:16  
Time Off Btm: 2015.11.02 @ 06:46:31

**TEST COMMENT:** IFP 30 Minutes/Fair blow built to 6"  
ISI 30 Minutes/No blow back  
FFP 45 Minutes/Fair blow built to 9"  
FSI 45 Minutes/Very weak surface blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.75	105.68	Initial Hydro-static
1	19.84	105.72	Open To Flow (1)
32	44.89	116.52	Shut-In(1)
60	1174.87	118.87	End Shut-In(1)
61	50.08	118.46	Open To Flow (2)
106	69.87	121.14	Shut-In(2)
151	1133.95	122.39	End Shut-In(2)
153	2104.13	122.19	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
63.00	OCMW Oil 5%/Mud 20%/Water 75%	0.61
31.00	MCWO Mud 20% Water 40% Oil 40%	0.43
31.00	MWCO Mud 10% Water 10% Oil 80%	0.43
0.00	63' GIP	0.00

## 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: Jason Alm

**30-17s-21w Ness, KS**  
**Brenner Brother 1-30**  
Job Ticket: 61959 **DST#: 1**  
Test Start: 2015.11.02 @ 02:00:00

## Tool Information

Drill Pipe:	Length: 4251.00 ft	Diameter: 3.80 inches	Volume: 59.63 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 59.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4291.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 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
------------------	-------------	------------	----------	------------	----------------

Shut-In Tool	5.00			4269.00	
Hydraulic tool	5.00			4274.00	
Jars	5.00			4279.00	
Safety Joint	2.00			4281.00	
Top Packer	5.00			4286.00	
Packer	5.00			4291.00	27.00 Bottom Of Top Packer
Anchor	4.00			4295.00	
Recorder	1.00	6838	Inside	4296.00	
Recorder	1.00	6663	Outside	4297.00	
Bullnose	3.00			4300.00	9.00 Anchor Tool
<b>Total Tool Length:</b>	<b>36.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc  
PO Box 399  
Garden City, KS 67846  
ATTN: Jason Alm

**30-17s-21w Ness, KS**  
**Brenner Brother 1-30**  
Job Ticket: 61959      **DST#: 1**  
Test Start: 2015.11.02 @ 02:00:00

## Mud and Cushion Information

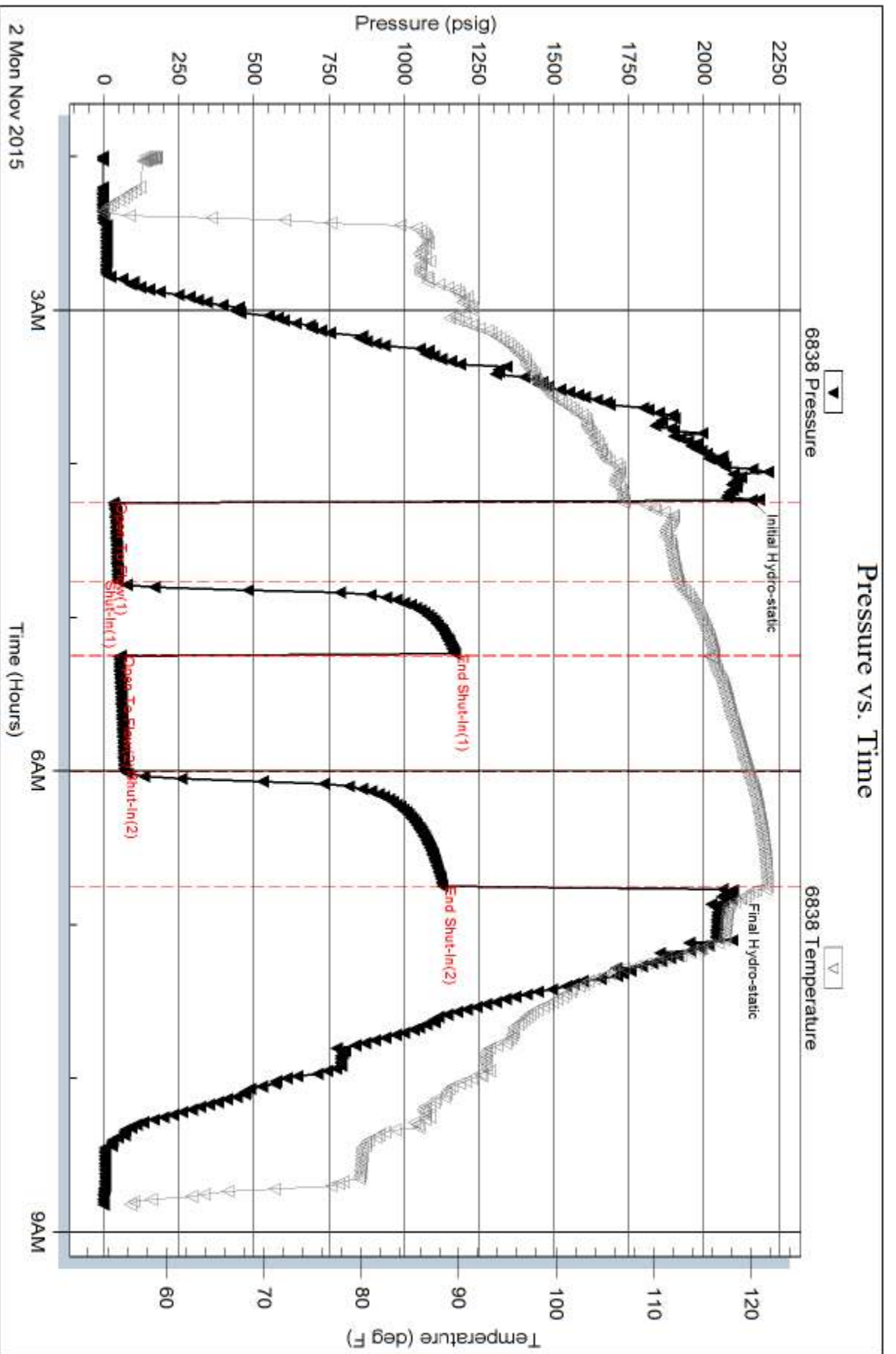
Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 14000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4400.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

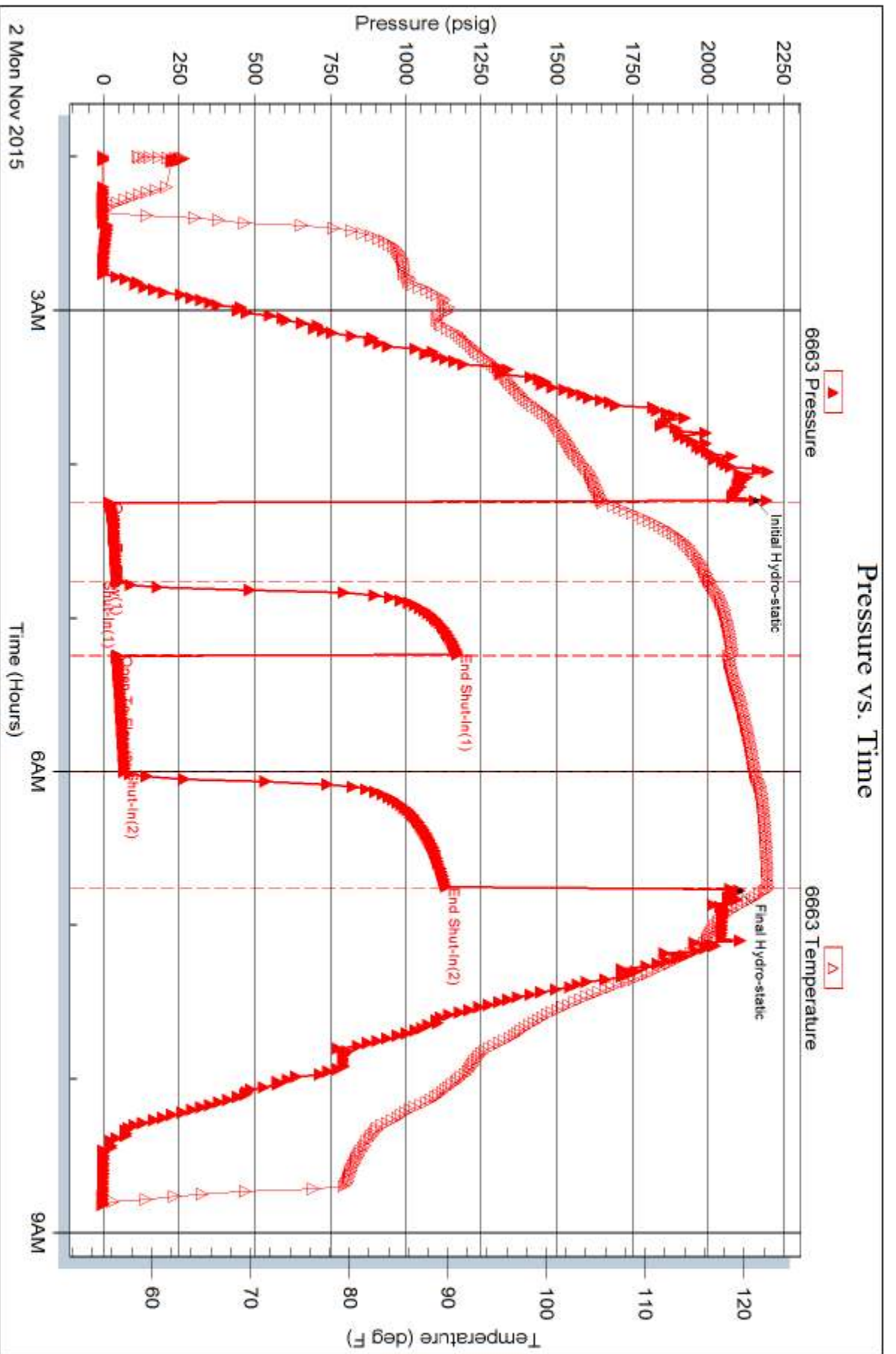
Recovery Table

Length ft	Description	Volume bbl
63.00	OCMW Oil 5%/Mud 20%/Water 75%	0.610
31.00	MCWO Mud 20% Water 40% Oil 40%	0.435
31.00	MWCO Mud 10% Water 10% Oil 80%	0.435
0.00	63' GIP	0.000

Total Length: 125.00 ft      Total Volume: 1.480 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: .56 ohms @ 55 deg.









# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61959

Well Name & No. Brenner Brothers #1-30 Test No. 1 Date 2 NOV 15  
 Company American Warrior Incorporated Elevation 2225 KB 2217 GL  
 Address 3118 Cummings Road PO Box 399 Garden City, Kansas 67846  
 Co. Rep / Geo. Jason Alm Rig Discovery Rig 3  
 Location: Sec. 30 Twp. 17S Rge. 21W Co. Ness State KS

Interval Tested 4291-4300 Zone Tested Mississippi  
 Anchor Length 9 Drill Pipe Run 4251 Mud Wt. 9.3  
 Top Packer Depth 4286 Drill Collars Run 30 Vis 50  
 Bottom Packer Depth 4291 Wt. Pipe Run — WL 8.8  
 Total Depth 4300 Chlorides 4400 ppm System LCM 1#

Blow Description Fair blow / Blow built to 6 inches  
No blow back  
Fair blow / Blow built to 9 inches  
Very weak blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>63</u>	<u>Oil cut Muddy Water</u>	<u>5</u>	<u>75</u>	<u>20</u>	<u>—</u>
<u>31</u>	<u>Mud cut Watery Oil</u>	<u>40</u>	<u>40</u>	<u>20</u>	<u>—</u>
<u>31</u>	<u>Mud and Water cut Oil</u>	<u>80</u>	<u>10</u>	<u>10</u>	<u>—</u>
<u>63</u>	<u>Gas in pipe</u>	<u>100</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Rec Total 125 BHT 121 Gravity 35 API RW .56 @ 55 °F Chlorides 14,000 ppm

(A) Initial Hydrostatic <u>2158</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1:07 am</u>
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2:10 am</u>
(C) First Final Flow <u>47</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>4:15 am</u>
(D) Initial Shut-In <u>1171</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>6:45 am</u>
(E) Second Initial Flow <u>57</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>8:50 am</u>
(F) Second Final Flow <u>68</u>	<input checked="" type="checkbox"/> Mileage <u>94</u> <u>94</u>	Comments
(G) Final Shut-In <u>1130</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2096</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1569</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1569</u>	

Approved By [Signature] 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.



CHARGE TO: American Harcor  
 ADDRESS: [Blank]  
 CITY, STATE, ZIP CODE: [Blank]

TICKET 28862

PAGE 1 OF 1

SERVICE LOCATIONS: 1. 16001 KS WELL/PROJECT NO. 1-30 LEASE Brewer Bunkers COUNTY/PARISH Neos STATE KS CITY Bazine DATE 26 OCT 15 OWNER  
 2. [Blank] CONTRACTOR [Blank] RIG NAME/NO. [Blank] SHIPPED location DELIVERED TO [Blank] ORDER NO. [Blank]  
 3. [Blank] WELL TYPE [Blank] WELL CATEGORY Drum Unit JOB PURPOSE comit surface prep WELLS PERMIT NO. [Blank] WELL LOCATION 30-17-21  
 4. [Blank] INVOICE INSTRUCTIONS [Blank]

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT								
575				TRK 114	30	mi				5.00	1.00.00
5765				Pump/brake	1	ea				400.00	800.00
325				Shovel cement	150	sk				12.25	1837.50
279				Bentonite gel	300	lb		3	sk	25.00	75.00
210				<del>Drum Unit</del>	1	sk				40.00	360.00
583	582			Drum (min)	1	ea				270.00	270.00
581				Drum change	150	sk				1.50	225.00
278				Calcium chloride	7	sk				40.00	280.00

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 DATE SIGNED [Blank] TIME SIGNED [Blank] AM/PM [Blank]

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

SURVEY  
 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?  
 ARE YOU SATISFIED WITH OUR SERVICE?  
 CUSTOMER DID NOT WISH TO RESPOND

AGREE UN-DECIDED DIS-AGREE

PAGE TOTAL [Blank] TAX [Blank] TOTAL [Blank]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 APPROVAL [Signature] Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 06/07/15 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 1-30 LEASE Bronco Billies JOB TYPE concrete surface pipe TICKET NO. 28862

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								150SK STANDARD cement 20% oil 30% CC 8 7/8" x 28" casing TD = 223 5 jts 222 ft pipe
	2130							on loc TRK 114
	2220							start 8 7/8" x 28" casing in well
	2257							circulate well
	2306	3 1/2	37			100		Mix STD 2 1/2 3/8 cement @ 14.7 pps 150sk
	2322	4 1/2				100		Displace w/ fresh H <sub>2</sub> O
			13					———— cement to surface ———— shot in 28"
	2330							Release pump to truck
	2334							used truck Pick up
								(150sk mix) 20 100' S
06/07	10/10							job complete Flint, Blank & ...



Services, Inc.

CHARGE TO: AMERICAN JARIDR  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET 28999

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. NESS CITY, KS  
 2. LEASE BREWER BRAS 1-30  
 3. TICKET TYPE  SERVICE  SALES DISCOVERY DRILLING # 3  
 WELL TYPE OIL  
 RIG NAME/NO. NESS  
 WELL CATEGORY DEVELOPMENT  
 JOB PURPOSE SHAHOGSTRING  
 CONTRACTOR  
 COUNTY/ANALYST  
 STATE KS  
 CITY BAZINE KS.  
 DATE 2/20/15  
 ORDER NO.  
 WELL PERMIT NO.  
 WELL LOCATION 1E, 10 3/4 N, W 10 E

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					20 MI						5.00	100.00
578					PUMP CHARGE	1.00					1850.00	1850.00
403					CEMENT BASKETS	2 EA.					250.00	500.00
404					PART COLLAR	1 EA.					250.00	250.00
406					LATCH DOWN PLUG & BACILE	1 EA.					225.00	225.00
407					INSERT FLOAT SUC W/ FILL	1 EA.					300.00	300.00
409					TURBOLIZER	1 EA.					75.00	375.00
281					MUD FLUSH	500 GAL					1.25	625.00
281					KEL	2 GAL					25.00	50.00

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  
 DATE SIGNED: 2/20/15 TIME SIGNED: 2:05 PM  
 REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300  
 SURVEY:  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?  ARE YOU SATISFIED WITH OUR SERVICE?  
 CUSTOMER DID NOT WISH TO RESPOND  
 TAX: 1018.60  
 TOTAL: 5995.50

SWIFT OPERATOR: [Signature]  
 APPROVAL: [Signature]  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]  
 Thank You!







CHARGE TO: American Wharfed  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET 29130

PAGE 1 OF 1

RESERVE LOCATION: \_\_\_\_\_

WELL PROJECT NO. 4-1-30 LEASE Brewer Brothers COUNTY/PARISH Adess STATE KS CITY Bazine DATE 12-3 OWNER \_\_\_\_\_

TICKET TYPE CONTRACTOR CONTRACTOR H.D. O'Neil RIG NAME NO. 2 SHIPPED VIA D DELIVERED TO Location ORDER NO. \_\_\_\_\_

WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Cement 5 1/2" Port collar WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION Bazine 15-64/16, 34/16

INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
<u>ST5</u>					<u>Trk #112</u>							
<u>ST6D</u>					<u>Pump Charge - Port Collar</u>							
<u>330</u>					<u>SMD Cement</u>							
<u>276</u>					<u>Flacole</u>							
<u>229</u>					<u>Brabant Gcl</u>							
<u>290</u>					<u>D-Air</u>							
<u>105</u>					<u>Port Collar Tool Rental</u>							
<u>102</u>					<u>Retrievable Bridge Plug Rental</u>							
<u>581</u>					<u>Service Charge Cement</u>							
<u>582</u>					<u>Minimum Drayage Charge</u>							

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

DATE SIGNED 12-3-15 TIME SIGNED 10:45 BY Scott

SWIFT OPERATOR David Kushn APPROVAL \_\_\_\_\_

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?		
OUR SERVICE WAS PERFORMED WITHOUT DELAY?		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?		
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
<input type="checkbox"/> CUSTOMER DID NOT WANT TO RESPOND		

PAGE TOTAL 6524 TOTAL 6825

NESS TAX 301

Thank You!



JOB LOG

SWIFT Services, Inc.

DATE 12-3-15 PAGE NO. 7

CUSTOMER American Warrior WELL NO. 1-30 LEASE Brenner Brothers JOB TYPE Cement 5 1/2" Port Collar TICKET NO. 29130

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							on Location 2 3/8 x 5 1/2
								P.C. - 1477 RBP - 3400
	0850	Ø 2	8		✓		1000	pressure Test *Hold*
	0900							open P.C.
	0905	3	5		✓		500	Injection Rate
	0910	3 1/2	60		✓		500	mix 20 sks Gel *circulate*
	0930	3 1/2	91		✓		400	mix 165 sks SMD w/ 1/4" flo @ 11.2 ppm
		3 1/2	5 1/2		✓		500	circulate cement to pit *20 sks* Displace Cement
	1015	Ø	Ø		✓		1000	close P.C. *Hold*
								Run 5 jts *165 sks total* *20 sks top*
	1020	3	20		✓		400	Reverse Clean
								wash up trucks Run tubing to plug
	1030							
	1110	2 1/2	30		✓		400	Reverse sand off Plug
								Rack up Truck
	1140							Job Complete

Thank You  
Duc John Tyler