



**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: \_\_\_\_\_



1095262

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 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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Deighton 1
Doc ID	1095262

Tops

Name	Top	Datum
Anhydrite	1493	786
Chase	2360	-81
Heebner	3732	-1453
Lansing	3780	-1501
Base Kansas City	4125	-1846
Pawnee	4202	-1923
Ft. Scott	4279	-2000
Cherokee	4302	-2023
Mississippian	4367	-2088
TD	4393	-2114



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

**25-19s-22w Ness, KS**  
**Deighton #1**  
 Job Ticket: 47428 **DST#: 1**  
 Test Start: 2012.06.27 @ 14:10:48

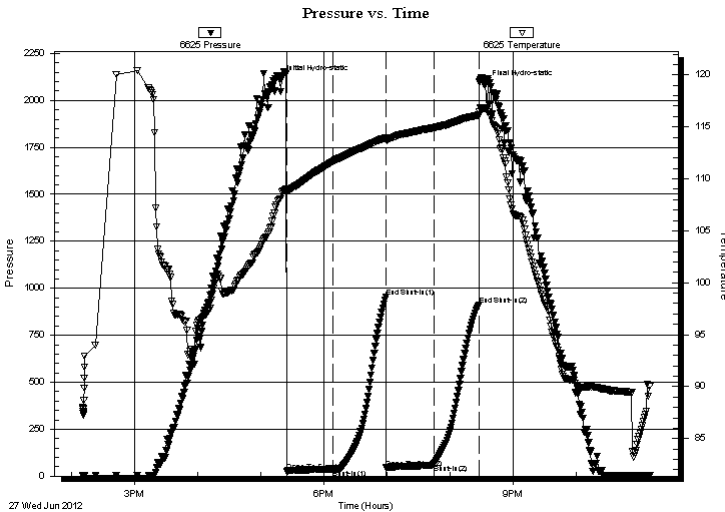
## GENERAL INFORMATION:

Formation: **Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 17:24:43 Tester: Ray Schwager  
 Time Test Ended: 23:10:43 Unit No: 42  
 Interval: **4262.00 ft (KB) To 4316.00 ft (KB) (TVD)** Reference Elevations: 2279.00 ft (KB)  
 Total Depth: 4316.00 ft (KB) (TVD) 2273.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

**Serial #: 6625 Inside**  
 Press @ Run Depth: 64.37 psig @ 4265.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.06.27 End Date: 2012.06.27 Last Calib.: 2012.06.27  
 Start Time: 14:10:48 End Time: 23:10:43 Time On Btm: 2012.06.27 @ 17:18:43  
 Time Off Btm: 2012.06.27 @ 20:33:12

**TEST COMMENT:** 45-IFP-w k bl , surface to 3" bl  
 45-ISIP-no bl bk  
 45-FFP-fr bl 3" to 4 1/2" bl  
 45-FSIP-no bl bk

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2109.43	108.11	Initial Hydro-static
6	26.03	108.73	Open To Flow (1)
51	38.54	111.67	Shut-In(1)
101	953.06	113.94	End Shut-In(1)
101	43.85	113.75	Open To Flow (2)
146	64.37	114.91	Shut-In(2)
189	910.03	116.12	End Shut-In(2)
195	2084.24	116.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	400'GIP	0.00
30.00	O&GCM 5%G15%O80%M	0.15
60.00	GMO 35%G30%M35%O	0.30

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**25-19s-22w Ness, KS**  
**Deighton #1**  
Job Ticket: 47428      **DST#: 1**  
Test Start: 2012.06.27 @ 14:10:48

## 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: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.93 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4900.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	400'GIP	0.000
30.00	O&GCM 5%G15%O80%M	0.148
60.00	GMO 35%G30%M35%O	0.295

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:

Serial #: 6625

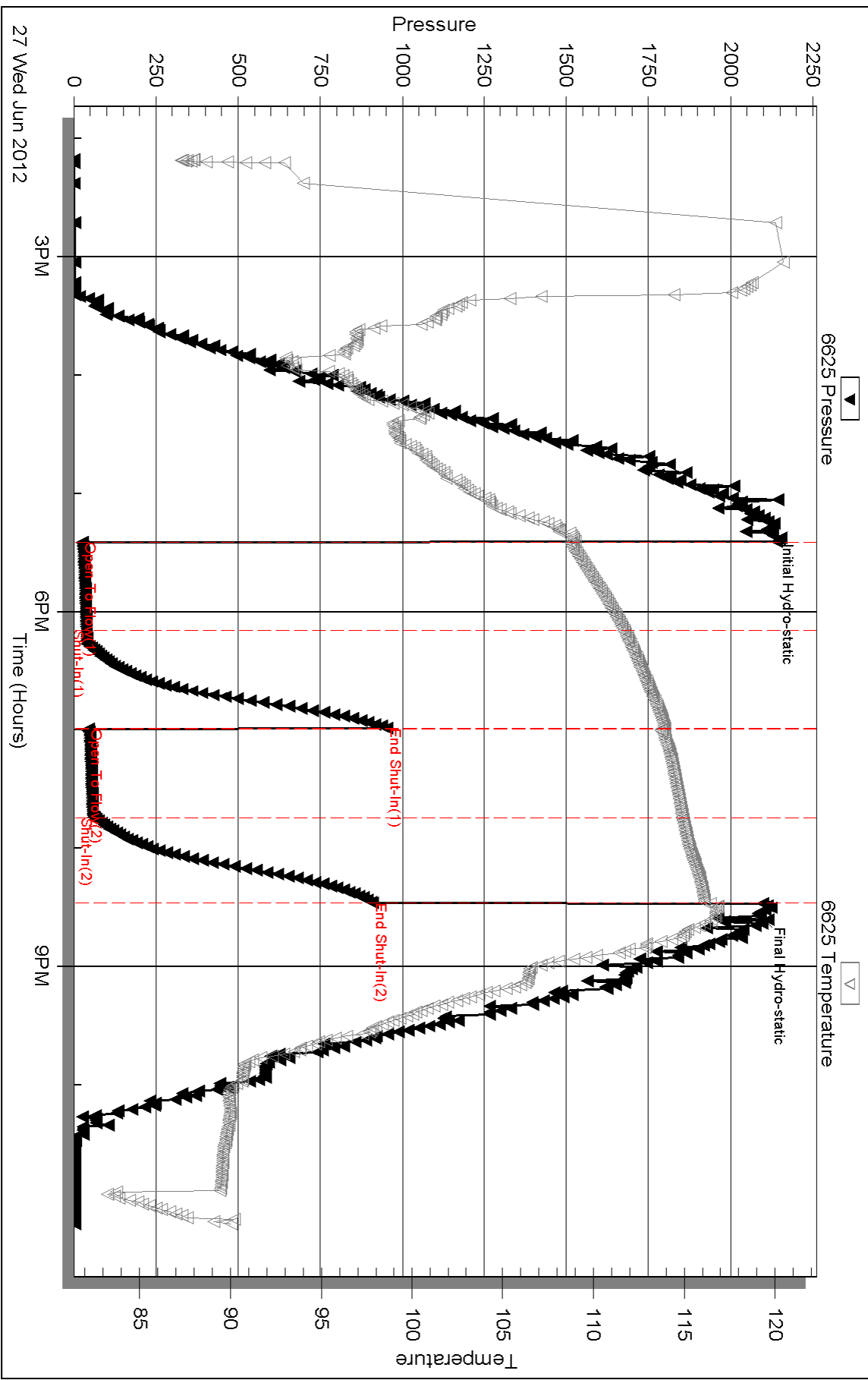
Inside

American Warrior Inc

Deighton #1

DST Test Number: 1

### Pressure vs. Time





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

**25-19s-22w Ness, KS**  
**Deighton #1**  
 Job Ticket: 47429 **DST#: 2**  
 Test Start: 2012.06.28 @ 09:50:06

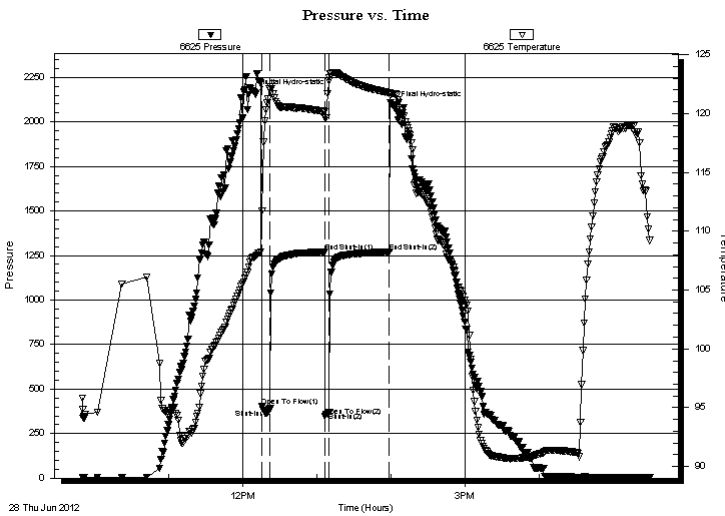
## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:15:31  
 Time Test Ended: 17:30:00  
 Interval: **4328.00 ft (KB) To 4395.00 ft (KB) (TVD)**  
 Total Depth: 4395.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 42  
 Reference Elevations: 2279.00 ft (KB)  
 2273.00 ft (CF)  
 KB to GR/CF: 6.00 ft

**Serial #: 6625 Inside**  
 Press @ Run Depth: 371.64 psig @ 4331.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.06.28 End Date: 2012.06.28 Last Calib.: 2012.06.28  
 Start Time: 09:50:06 End Time: 17:30:00 Time On Btm: 2012.06.28 @ 12:10:31  
 Time Off Btm: 2012.06.28 @ 14:02:31

**TEST COMMENT:** 5-IFP-strg bl in 1 min  
 45-ISIP-no bl  
 5-FFP-strg bl in 1 min  
 45-FSIP-no bl

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.39	107.89	Initial Hydro-static
5	405.15	111.73	Open To Flow (1)
12	389.29	122.10	Shut-In(1)
56	1268.88	120.16	End Shut-In(1)
56	347.39	119.61	Open To Flow (2)
60	371.64	123.06	Shut-In(2)
108	1269.02	121.76	End Shut-In(2)
112	2093.45	121.71	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	GW&MCO 20%G45%O30%W5%M	0.61
124.00	GW&MCO 35%G30%O30%W5%M	1.23
248.00	GMO 35%G40%O5%W20%M	3.48
155.00	)&GCM 5%G15%O80%M	2.17

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

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

**25-19s-22w Ness,KS**  
**Deighton #1**  
Job Ticket: 47429      **DST#: 2**  
Test Start: 2012.06.28 @ 09:50:06

## 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: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.92 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4900.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	GW&MCO 20%G45%O30%W5%M	0.610
124.00	GW&MCO 35%G30%O30%W5%M	1.229
248.00	GMO 35%G40%O5%W20%M	3.479
155.00	)&GCM 5%G15%O80%M	2.174

Total Length: 651.00 ft      Total Volume: 7.492 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:



Serial #: 6625

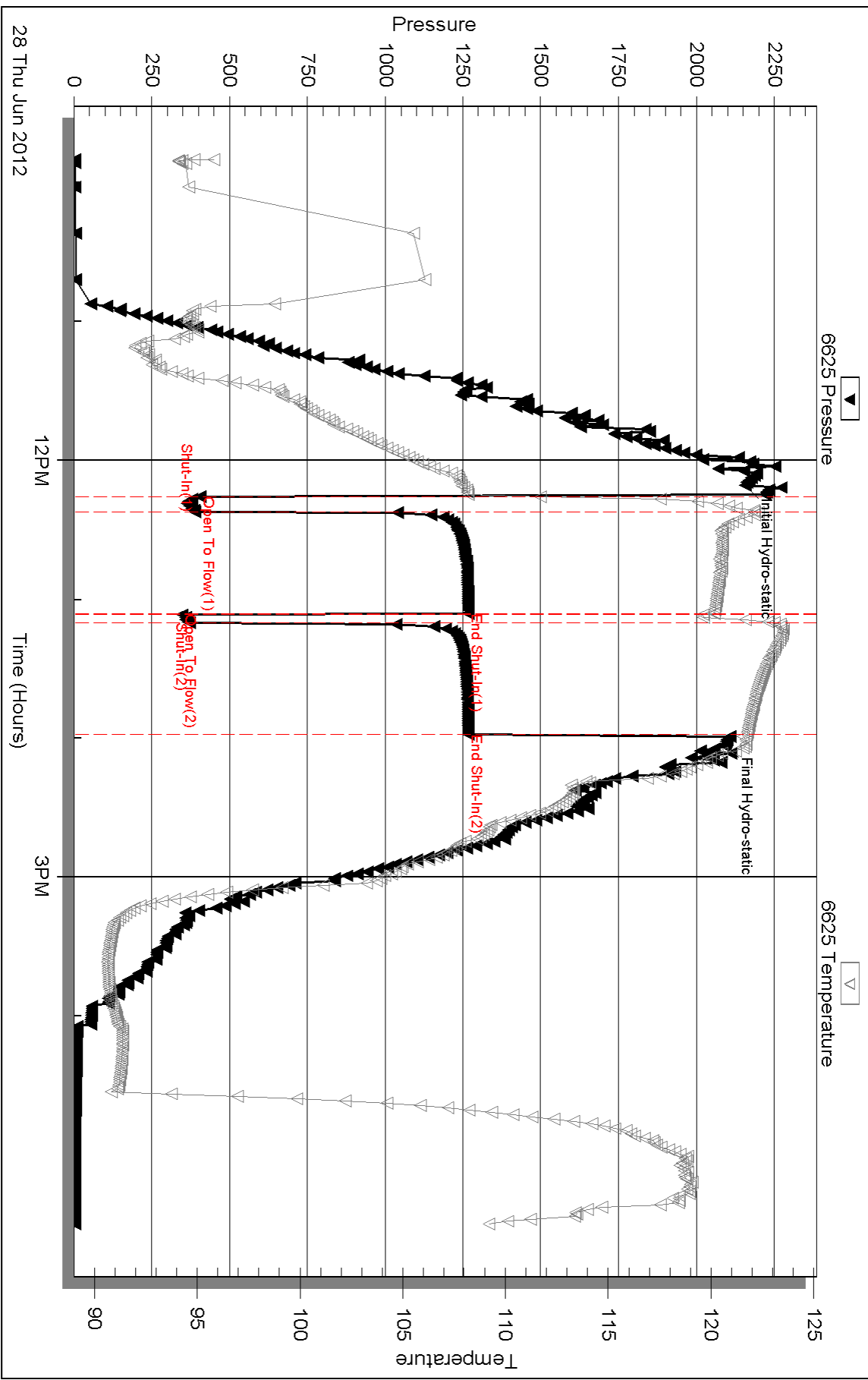
Inside

American Warrior Inc

Deighton #1

DST Test Number: 2

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 47429

Printed: 2012.07.30 @ 14:15:28

# **Geological Report**

American Warrior, Inc.  
**Deighton #1**  
2301' FSL & 1525' FWL  
Sec. 25 T19s R22w  
Ness County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Deighton #1  
2301' FSL & 1525' FWL  
Sec. 25 T19s R22w  
Ness County, Kansas  
API # 15-135-25399-0000

Drilling Contractor: Petromark Drilling, LLC Rig #1

Geologist: Jason T Alm

Spud Date: June 20, 2012

Completion Date: June 29, 2012

Elevation: 2273' Ground Level  
2279' Kelly Bushing

Directions: Bazine KS, from West side of town at the intersection of Hwy 96 and Austin St. South 6 mi. to 70 Rd. West  $\frac{3}{4}$  mi. North into location.

Casing: 222' 8  $\frac{5}{8}$ " surface casing  
4392' 5  $\frac{1}{2}$ " production casing

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

Drilling Time: 3600' to RTD

Electric Logs: Log-Tech, Inc. "Daylan Kerr"

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

Problems: Geolograph had issues during the latter part of well.

Remarks: After DST #1, gas detector wasn't reading accurately due to high background caused from fluid dumped during first test.

## Formation Tops

<b>Formation</b>	<b>American Warrior, Inc. Deighton #1 Sec. 25 T19s R22w 2301' FSL &amp; 1525' FWL</b>
Anhydrite	<b>1493', +786</b>
Base	<b>1526', +753</b>
Chase	<b>2360', -81</b>
Heebner	<b>3732', -1453</b>
Lansing	<b>3780', -1501</b>
BKc	<b>4125', -1846</b>
Pawnee	<b>4202', -1923</b>
Fort Scott	<b>4279', -2000</b>
Cherokee	<b>4302', -2023</b>
Mississippian	<b>4367', -2088</b>
LTD	<b>4393', -2114</b>
RTD	<b>4395', -2116</b>

## Sample Zone Descriptions

- Fort Scott (4279', -2000):**      **Covered in DST #1**  
 Ls – Fine crystalline with poor to fair inter-crystalline and scattered vuggy porosity, light to good oil stain in porosity, fair show of free oil, good odor, bright yellow fluorescents, 120 units hotwire.
- Mississippian Osage (4367', -2088):**      **Covered in DST #2**  
 Dolo – Δ – Fine sucrosic crystalline with poor to fair inter-crystalline and vuggy porosity, very heavy triptolitic chert, weathered with good vuggy porosity, light to fair oil stain in porosity, good show of free oil, strong odor, bright yellow fluorescents.

**Drill Stem Tests**  
Trilobite Testing, Inc.  
"Ray Schwager"

**DST #1**

**Fort Scott**

Interval (4262' – 4316') Anchor Length 50'

IHP	– 2109 #	
IFP	– 45" – Built to 3 in.	26-38 #
ISI	– 45" – Dead	953 #
FFP	– 45" – Built to 4 ½ in.	43-64 #
FSI	– 45" – Dead	910 #
FHP	– 2084 #	
BHT	– 116°F	

Recovery:	400' GIP	
	30' O&GCM	15% Oil
	60' GMCO	35% Oil

**DST #2**

**Mississippian Osage**

Interval (4328' – 4395') Anchor Length 67'

IHP	– 2175 #	
IFP	– 5" – B.O.B. 1 min.	405-389 #
ISI	– 45" – Dead	1268 #
FFP	– 5" – B.O.B. 1 min.	347-371 #
FSI	– 45" – Dead	1269 #
FHP	– 2093 #	
BHT	– 123°F	

Recovery:	155' O&GCM	15% Oil
	248' SWGMCO	40% Oil, 5% Water
	124' GWMCO	30% Oil, 30% Water
	124' GWMCO	45% Oil, 30% Water

**Structural Comparison**

	American Warrior, Inc. Deighton #1 Sec. 25 T19s R22w 2301' FSL & 1525' FWL	American Warrior, Inc. Wagner #4 Sec. 25 T19s R22w 1980' FSL & 1270' FWL	Mid-Continent Res. Borger #3 Sec. 25 T19s R22w 2970' FSL & 920' FWL	
<b>Formation</b>				
Anhydrite	<b>1493', +786</b>	1494', +782	1501', +776	<b>(+10)</b>
Base	<b>1526', +753</b>	NA	NA	<b>NA</b>
Chase	<b>2360', -81</b>	NA	NA	<b>NA</b>
Heebner	<b>3732', -1453</b>	3738', -1462	3741', -1464	<b>(+11)</b>
Lansing	<b>3780', -1501</b>	3784', -1508	3790', -1513	<b>(+12)</b>
BKc	<b>4125', -1846</b>	NA	NA	<b>NA</b>
Pawnee	<b>4202', -1923</b>	4204', -1928	4186', -1909	<b>(+14)</b>
Fort Scott	<b>4279', -2000</b>	4290', -2014	4285', -2008	<b>(+8)</b>
Cherokee	<b>4302', -2023</b>	4316', -2040	4308', -2031	<b>(+8)</b>
Mississippian	<b>4367', -2088</b>	4382', -2106	4375', -2098	<b>(+10)</b>

## Summary

The location for the Deighton #1 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. Two drill stem tests were conducted both of which recovered commercial amounts of oil. After all gathered data had been examined the decision was made to run 5 1/2 inch production casing to further evaluate the Deighton #1 well.

### Recommended Perforations

**Primary:**

**Mississippian Osage:** (4382' – 4390') **DST #2**

**Secondary:**

**Mississippian Osage:** (4367' – 4374') **DST #2**

**Before Abandonment:**

**Fort Scott:** (4286' – 4291') **DST #1**

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.



# Geologic Report

## Drilling Time and Sample Log

Operator **American Warrior, Inc.**  
 Lease **Deighton** No. 1  
 API # **15-135-25399-0000**  
 Field **Schaben**  
 Location **2301' FSL & 1525' FWL**  
 Sec. **25** Twp. **19s** Rge. **22w**  
 County **Ness** State **Kansas**

Elevation **2279'**  
 KB  
 DF  
 GL **2273'**  
 Casing Record Surface  
**8 5/8" @ 222'**  
 Production  
**5 1/2" @ 4392'**  
 Electrical Surveys  
 CNL/CDL, DIL

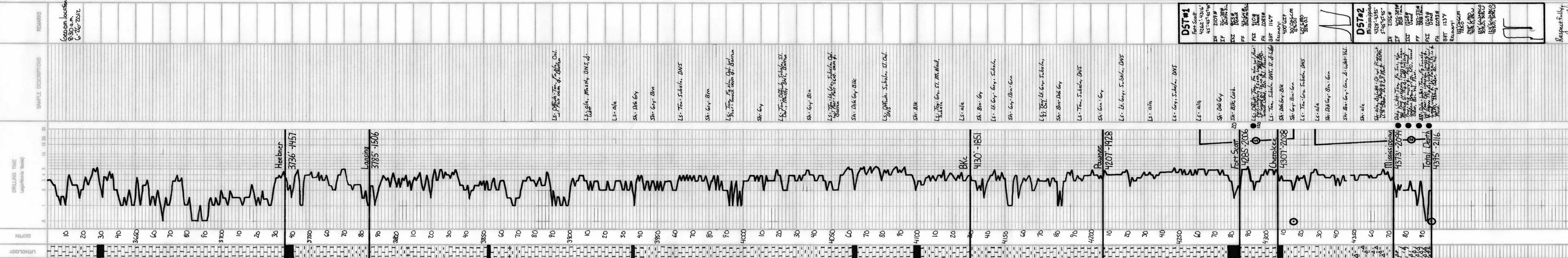
Drilling Contractor **Petromark Drilling, LLC. Rig #1**  
 Comm. **6-20-2012** Complete **6-29-2012** RTD **4395'** LTD **4393'**  
 Samples Saved From **3900'** To **RTD**  
 Drilling Time Kept From **3600'** To **RTD**  
 Samples Examined From **3900'** To **RTD**  
 Geological Supervision From **4000'** To **RTD**  
 Mud Up **3500'** Type **Chemical**

Formation	Log Tops	Sample Tops	Struct Comp
Anhydrite	1493', +786	1495', +784	+4
Base	1526', +753	1533', +746	NA
Chase	2360', -81	NA	NA
Heebner	3732', -1453	3736', -1457	+9
Lansing	3780', -1501	3785', -1506	+7
BKc	4125', -1846	4130', -1851	NA
Pawnee	4202', -1923	4207', -1928	+5
Fort Scott	4279', -2000	4285', -2006	+14
Cherokee	4302', -2023	4307', -2028	+17
Mississippian	4367', -2088	4373', -2094	+18
Total Depth	4393', -2114	4395', -2116	

Reference Well For Structural Comparison **American Warrior, Inc. Wagner #4**

**LEGEND**

- Delomaha
- Chart
- Oil/Lime
- Oil/Lime
- Chart
- Delomaha
- Shale
- Sensations
- Salt
- Anhydrite



Location  
 8:30 a.m.  
 6-26-2012

DST #1		DST #2	
Fort Scott	4285'	Mississippian	4373'
4279'	4316'	4328'	4395'
45'	45'	5'	45'
2109 #	26'	2109 #	26'
IF	38 #	IF	38 #
ISI	953 #	ISI	953 #
FF	43'	FF	43'
FSI	910 #	FSI	910 #
FH	2084 #	FH	2084 #
BHT	116 °F	BHT	116 °F
Recovery:	400' GIP	Recovery:	400' GIP
	30' 0.16 CM		30' 0.16 CM
	98' 0.16 CM		98' 0.16 CM
	38% OI		38% OI

Respectfully,  
 Wagner #4  
 6-23-2012

# ALLIED CEMENTING CO., LLC. 042524

Federal Tax ID # 20-5975864

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Great Bend

DATE <u>6-21-12</u>	SEC. <u>25</u>	TWP. <u>19S</u>	RANGE <u>22W</u>	CALL FOOT	ON LOCATION	JOB START <u>9:00 PM</u>	JOB FINISH <u>9:45 PM</u>
LEASE <u>Deighton</u>	WELL # <u>40</u>	LOCATION <u>Bazine US DORO</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>7 South East North 4 1/2</u>			

CONTRACTOR Patnam Rig OWNER American Warrior

TYPE OF JOB Surface CEMENT AMOUNT ORDERED 150 SX CLASS A

HOLE SIZE 12 1/4 TD. 224 + 3 3/4" + 2 3/4" GEL

CASING SIZE 8 1/2 DEPTH 223

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

RRPS MAKE MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSO. 15

PERFS.

DISPLACEMENT 13.25 fresh water

**EQUIPMENT**

PUMP TRUCK CEMENTER Wayne

# 316 HELPER Kevin

BULK TRUCK

# 341 DRIVER Marvin S.

BULK TRUCK

# DRIVER

COMMON	<input type="checkbox"/>
POZMIX	<input type="checkbox"/>
GEL	<input type="checkbox"/>
CHLORIDE	<input type="checkbox"/>
ASC	<input type="checkbox"/>
HANDLING	<input type="checkbox"/>
MILEAGE	<input type="checkbox"/>

**REMARKS:**

Pipe on Bottom. Best circulation

with Rig mud

Mix 150 SX Class A + 3 3/4" + 2 3/4" GEL

Displace 13.25 BBL fresh water

Shut in.

Cement did circulate

Rig Down

CHARGE TO: American Warrior

STREET

CITY STATE ZIP

TOTAL

**SERVICE**

DEPTH OF JOB 223

PUMP TRUCK CHARGE

EXTRA FOOTAGE

MILEAGE

MANIFOLD

TOTAL

**PLUG & FLOAT EQUIPMENT**

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT

IF PAID IN 30 DAYS

To Allied Cementing Co., 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

SIGNATURE Darren J. Ormeno



Date 6-21-12 District Great Bend Ticket No. 42524  
 Company American Well Rig Patrol 1  
 Lease Deighton Well No. 6  
 County NESS State KS  
 Location 25-195-2Pw Field Bazine  
00 RD 7 South West North  
 CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type new Weight 24 Collar 8 RD  
Heavy Wall

CEMENT DATA:  
 Spacer Type: fresh water  
 Amt. 5 Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG

LEAD: Pump Time \_\_\_\_\_ hrs. Type CLASSICAL  
+ 320' AZI Excess 100%  
 Amt. 150 Skys Yield 1.34 ft<sup>3</sup>/sk Density 15.2 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Pump Trucks Used 366 / Heavy  
 Bulk Equip. 341 / Martin

Casing Depths: Top KB Bottom 224  
Deighton

Drill Pipe: Size 4 1/2 Weight 16.6 Collars x hole  
 Open Hole: Size 12 7/8 T.D. 224 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0437 Lin. ft./Bbl. 15.70  
 Open Holes: Bbls/Lin. ft. .1458 Lin. ft./Bbl. 6.85  
 Drill Pipe: Bbls/Lin. ft. .1422 Lin. ft./Bbl. 70.32  
 Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.60  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type fresh Amt. 13.25 Bbls. Weight 8.34 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Danven A

CEMENTER Wayne Davis

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						on Job site
						Had safety meeting
						Spot Trucks
						Run casing
9:00			5	5	3	Circulated with Rig mud
			40.79	35.79		Run 5 BBLs Ahead
						Hook up mix 150SX CLASSAT 38 + 28661
9:45			54.04	13.25	3	Displace 13.25 BBLs fresh water
						Cement circulated
						Shut in



Services, Inc.

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

TICKET N° 23133

PAGE 1 OF 2

SERVICE LOCATIONS: 1. Well PROJECT NO. #16 LEASE: *Aggarden* COUNTY/PARISH: *Ada* STATE: *KS* CITY: *Bazine* DATE: *29 Jun 12* OWNER: *ORDER NO.*

2. TICKET TYPE:  SERVICE  SALES CONTRACTOR: *Development* RIG NAME/NO.: *1* SHIPPED: *WEST* DELIVERED TO: *Location*

3. WELL TYPE: *D-1* WELL CATEGORY: *Development* JOB PURPOSE: *connect lng string* WELL PERMIT NO.: *25-P-224*

4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					TRK 14	20 mi					6.00	120.00
578					Pump Charge	/ ea					1500.00	1500.00
402					Contractors	5 1/2 in		5 ea			70.00	350.00
403					Connect Baskets	5 1/2 in		2 ea			250.00	500.00
404					Part Collar	5 1/2 in		1 ea			2400.00	2400.00
406					Latch Down Plug's hexes	5 1/2 in		1 ea			250.00	250.00
407					Insert Flat shoe w/ Auto Fill	5 1/2 in		1 ea			350.00	350.00
419					Rotating head rental	5 1/2 in		1 ea			200.00	200.00

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.

DATE SIGNED: \_\_\_\_\_ TIME SIGNED: \_\_\_\_\_

SWIFT OPERATOR: \_\_\_\_\_

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  YES  NO

WE UNDERSTOOD AND MET YOUR NEEDS?  YES  NO

DID SERVICE WAS PERFORMED WITHOUT DELAY?  YES  NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  YES  NO

ARE YOU SATISFIED WITH OUR SERVICE?  YES  NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: \_\_\_\_\_ TAX: \_\_\_\_\_ TOTAL: \_\_\_\_\_

SWIFT OPERATOR: \_\_\_\_\_ CUSTOMER ACCEPTED: \_\_\_\_\_ APPROVAL: \_\_\_\_\_

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE Jun 12 PAGE NO.

CUSTOMER American Warrior WELL NO. # 16 LEASE DeWitt JOB TYPE Cement long string TICKET NO. 23133

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175sk EA-2 w/ 4# floccle
								105,15 52" x 15.5" casing total pipe 4398'
								Shoejt 4242' RTD 4395'
								Contin. are 1,2,3,4,6,9 Barlat 5,7,0
								Poe+Coker "70 1444" 31" 102' cut
	0530							on loc TRK 114
	0615							Start 52" x 15.5" casing in well
	0835							Drop ball - circulate - ROTATE
	0850		12					Pump 500 gal mix flush
			20					Pump 20 bbl KCH flush
	0855		7					Plug RH 30 sks
	0903	43	34			250		Mix EA-2 Cement 145 sks @ 15.3 sks
	0913							Drop latch down plug
								wash out pump & line
	0917	67				200		Displace plug
		67	40			800		
	0930	67	103			1500		Land plug
								Release pressure to truck - derrick up
	0934							wash truck
								Roll up
	1010							job complete
								Thanks
								ISAAC DAVE & Philine



Swifton, Inc.

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

TICKET CONTINUATION

TICKET No. 23133

CUSTOMER American Warrior

WELL *Atchafalaya*

DATE 24 Jun 12

PAGE 2 of 2

STATION	QUANTITY	UNIT	WELL	DATE	PRICE	TOTAL
385	1	STANDARD COMBAT (5-4-0)	175 SK	13.50	2362.50	
284	1	Calson C	800 lb	35.00	280.00	
283	1	SALT	900 lb	0.20	180.00	
292	1	hald 322	125 lb	7.75	968.75	
276	1	finale	50 lb	2.00	100.00	
281	1	mid flush	500 gal	1.25	625.00	
281	1	RCLiquid	2 gal	25.00	50.00	
290	1	D-air	2 gal	35.00	70.00	
582	1				250.00	250.00
581	1				2.00	32.00

Service Charge (via)

175

CUBIC FEET

250.00

32.00

TOTAL WEIGHT 18325

LOADED MILES 20

TON MILES



Services, Inc.

TICKET  
No 23145

PAGE 1 OF 1

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

1. SERVICE LOCATIONS: Well/PROJECT NO. **16** LEASE **Deeghston** COUNTY/PARISH **NOAA** STATE **LS** CITY **Bazine** DATE **13 Jun 12** OWNER  
 2. TICKET TYPE:  SERVICE CONTRACTOR **WACHNER** RIG NAME NO. **WCT** SHIPPED **WCT** DELIVERED TO **Location** ORDER NO.  
 3. WELL TYPE: **HD** WELL CATEGORY: **Development** JOB PURPOSE: **connect port collar** WELL PERMIT NO.  
 4. REFERRAL LOCATION: **0-1** INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.		
575		1			MILEAGE	20	mi.		6.00	120.00
576D		1			Pump Charge	1	hr		1250.00	1250.00
33D		1			SWD cement	120	SK		16.50	1980.00
276		1			Flacole	8	lb		2.00	16.00
29D		1			D-Air	1	hr		35.00	35.00
81		1			Service charge	175	SK		2.00	350.00
582		1			Drayage	1	hr		250.00	250.00

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.

DATE SIGNED: **Scott** TIME SIGNED: **1:00 P.M.**

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

PAGE TOTAL: **4085.00**

TOTAL: **4218.25**

SWIFT OPERATOR: **DR** APPROVAL: **DR**

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 13 Jul 12 PAGE NO.

CUSTOMER American Warrior WELL NO. 6 LEASE Deighton Job TYPE cement port collar TICKET NO. 23145

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175sk SWD w/ 1/4" Floccle 2 3/8" 5 1/2" Port Collar 1444'
	0830							on loc TRV 114
	0841					1000	1000	test to 1000 psi - hold open port collar
	0845	3	2			300		inj rate 3 bpm @ 300 psi
	0850	4				400		mix SWD cement @ 11.2 ppg fluid to surface - cement to surface -  { 120sk mix + 20 to pit }
		4	5			410		
		4	67			520		
	0915	4	5			520		plug 5 bbl 1120 close port collar
	0920					1000	1000	test to 1000 psi - hold
	0928		15					Reverse out - 2 cement plugs - hole clean
								used truck
								Rack up
								job complete
								Thanks Blaine Day & Dave