



KANSAS CORPORATION COMMISSION 1095262  
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 # 4058  
Name: American Warrior, Inc.  
Address 1: 3118 Cummings Rd  
Address 2: PO BOX 399  
City: GARDEN CITY State: KS Zip: 67846 +  
Contact Person: Scott Corsair  
Phone: ( 785 ) 398-2270  
CONTRACTOR: License # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Jason Alm  
Purchaser: NCRA

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 #: \_\_\_\_\_  
06/20/2012    06/29/2012    08/17/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-135-25399-00-00  
Spot Description: \_\_\_\_\_  
SW\_NW\_NE\_SW Sec. 25 Twp. 19 S. R. 22  East  West  
2301 Feet from  North /  South Line of Section  
1525 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Ness  
Lease Name: Deighton Well #: 1  
Field Name: Schaben  
Producing Formation: Mississippian  
Elevation: Ground: 2273 Kelly Bushing: 2279  
Total Depth: 4393 Plug Back Total Depth: 4392  
Amount of Surface Pipe Set and Cemented at: 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1444 Feet  
If Alternate II completion, cement circulated from: 1444  
feet depth to: 0 w/ 120 sx cm.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 26000 ppm Fluid volume: 160 bbls  
Dewatering method used: Evaporated  
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: NAOMI JAMES Date: 10/01/2012



1095262

Operator Name: American Warrior, Inc. Lease Name: Deighton Well #: 1  
 Sec. 25 Twp. 19 S. R. 22  East  West County: Ness

**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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name Attached	Top Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
Dual Induction, Dual Compensated Porosity Dual Receiver Cement Bond			

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	223	Common	150	3% CC, 2% Gel
Production	7.875	5.5	15.5	4392	EA-2	175	1/4# Flocele

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-1444	SMD	120	1/4# Flocele

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
4	4382-92, 4372-82		

TUBING RECORD:	Size: <u>2.375</u>	Set At: <u>4386</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>08/24/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u>	Gas Mcf	Water Bbls. <u>150</u>	Gas-Oil Ratio <u>40</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>4382-4392</u> <u>4372-4382</u>
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Deighton 1
Doc ID	1095262

Tops

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)

Time Tool Opened: 17:24:43

Time Test Ended: 23:10:43

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 42

Interval: 4262.00 ft (KB) To 4316.00 ft (KB) (TVD)

Total Depth: 4316.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2279.00 ft (KB)

2273.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6625

Inside

Press@RunDepth: 64.37 psig @ 4265.00 ft (KB)

Start Date: 2012.06.27

End Date:

2012.06.27

Capacity: 8000.00 psig

Last Calib.: 2012.06.27

Start Time: 14:10:48

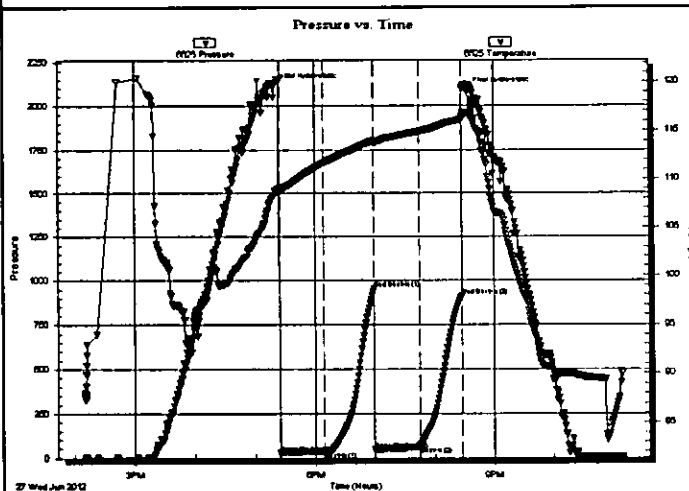
End Time:

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 (Mc/d)



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

25-19s-22w Ness,KS

PO Box 399  
Garden City KS 67846

Deighton #1

Job Ticket: 47428

DST#: 1

ATTN: Cecil O'Brate

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:

bbf

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 bbf
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 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

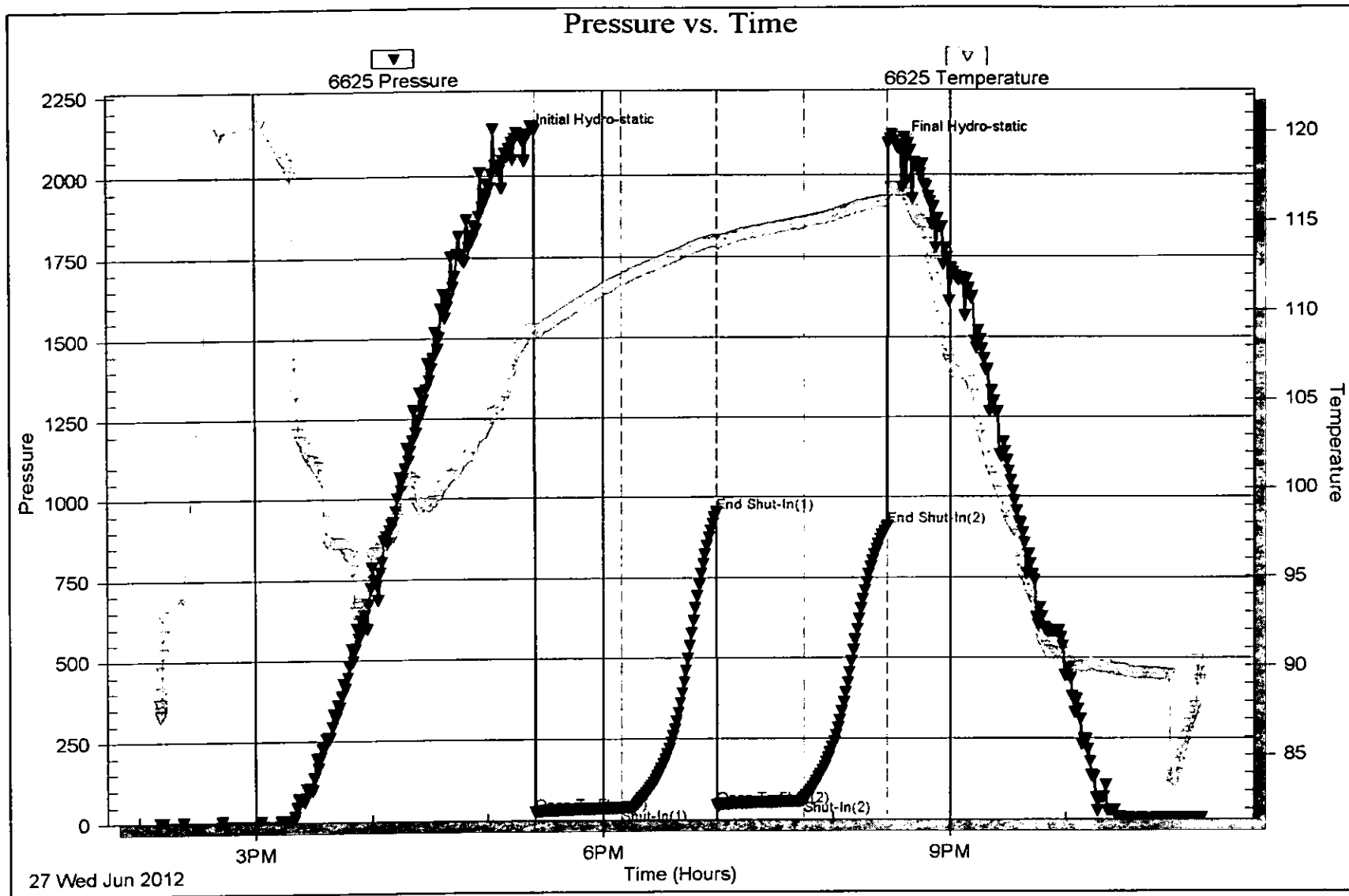
Recovery Comments:

Serial #: 6625

Inside American Warrior Inc

Deighton #1

DST Test Number: 1





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

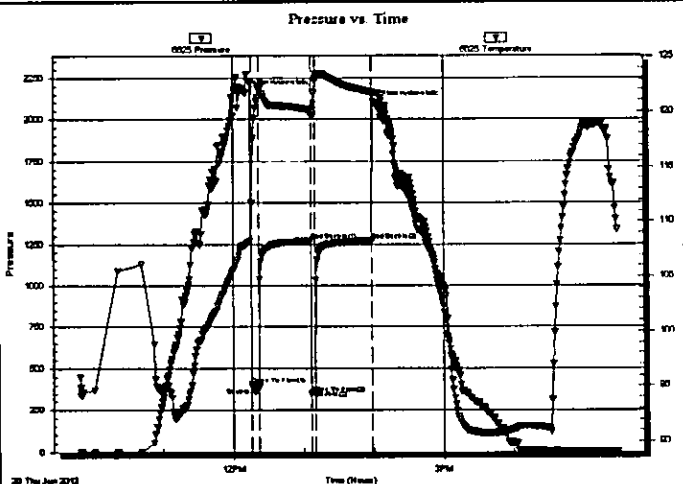
**25-19s-22w Ness,KS**  
**Deighton #1**  
 Job Ticket: 47429 **DST#: 2**  
 Test Start: 2012.06.28 @ 09:50:06

## 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@RunDepth: **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

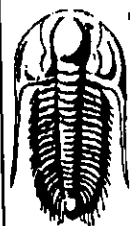
## Recovery

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	J&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

25-19s-22w Ness,KS

PO Box 399  
Garden City KS 67846

Deighton #1

Job Ticket: 47429

DST#: 2

ATTN: Cecil O'Brate

Test Start: 2012.06.28 @ 09:50:06

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 62.00 sec/qt  
Water Loss: 7.92 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4900.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: ppm

## 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	J&GCM 5%G15%O80%M	2.174

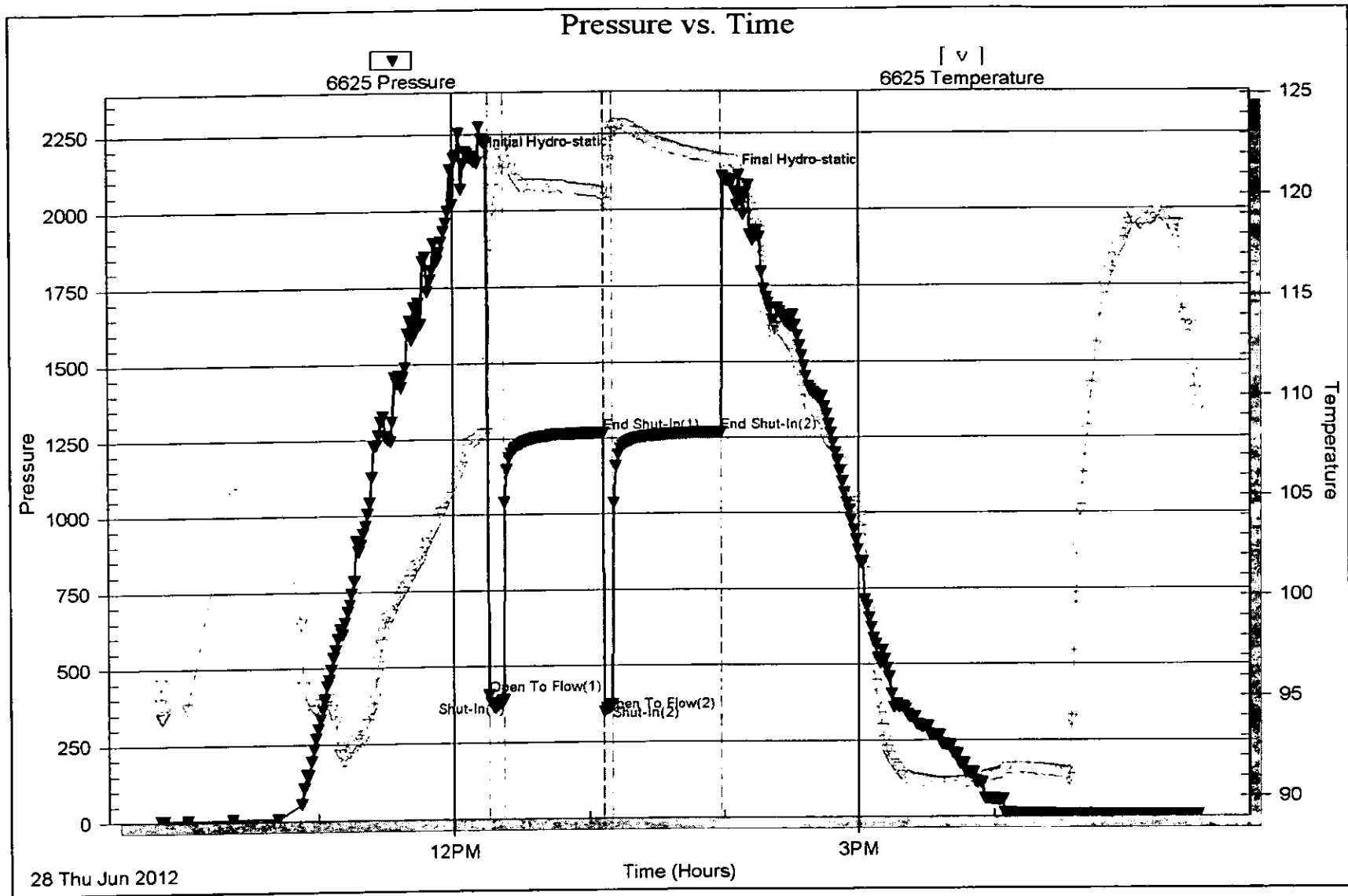
Total Length: 651.00 ft      Total Volume: 7.492 bbl

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

Laboratory Name:      Laboratory Location:

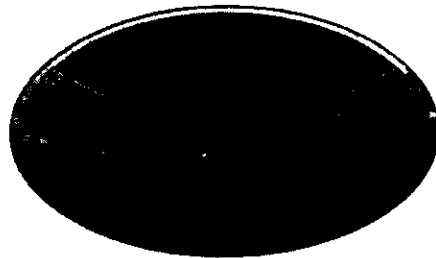
Recovery Comments:





# **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 ¾ mi. North into location.

Casing: 222' 8 5/8" surface casing  
4392' 5 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

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

## 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 1/2 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	1493', +786	1494', +782	(+4)	1501', +776	(+10)
Base	1526', +753	NA	NA	NA	NA
Chase	2360', -81	NA	NA	NA	NA
Heebner	3732', -1453	3738', -1462	(+9)	3741', -1464	(+11)
Lansing	3780', -1501	3784', -1508	(+7)	3790', -1513	(+12)
BKc	4125', -1846	NA	NA	NA	NA
Pawnee	4202', -1923	4204', -1928	(+5)	4186', -1909	(+14)
Fort Scott	4279', -2000	4290', -2014	(+14)	4285', -2008	(+8)
Cherokee	4302', -2023	4316', -2040	(+17)	4308', -2031	(+8)
Mississippian	4367', -2088	4382', -2106	(+18)	4375', -2098	(+10)

## 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

<b>Primary:</b>		
<b>Mississippian Osage:</b>	(4382' – 4390')	<b>DST #2</b>
<b>Secondary:</b>		
<b>Mississippian Osage:</b>	(4367' – 4374')	<b>DST #2</b>
<b>Before Abandonment:</b>		
<b>Fort Scott:</b>	(4286' – 4291')	<b>DST #1</b>

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.



# ALLIED CEMENTING CO. LLC. 042524

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>R2W</u>	CALL NO. <u>1750</u>	ON LOCATION	JOB START <u>9:00 PM</u>	JOB FINISH <u>9:45 PM</u>
LEAD <u>WELL</u>	WELL # <u>10</u>	LOCATION <u>Bazine US DORO</u>	COUNTY <u>Ness</u>	STATE <u>KS</u>			
JOB OR NEW (Circle one) <u>NEW</u>							
CONTRACTOR <u>Detonant R. J.</u>				OWNER <u>American Wagon</u>			
CEMENT AMOUNT ORDERED <u>150 SK CLASS A</u>							
CEMENT + 3% <u>2966</u>							
DEPTH <u>223</u>							
DISPLACEMENT <u>13.25 BA 2 fresh water</u>							
EQUIPMENT							
PUMP TRUCK CEMENTER <u>Wayse</u>							
HELPER <u>Ke-y</u>							
BULK TRUCK							
DRIVER <u>machin S.</u>							
DRIVER							

REMARKS:  
Pipe on bottom break circulation  
mix 150 sk class A + 3% + 2966  
Displace 13.25 BA 2 fresh water  
did circulate  
Charges to American Wagon

HANDLING MILEAGE	TOTAL
DEPTH OF JOB <u>223</u>	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	
MILEAGE	
MANIFOLD	
TOTAL	

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PUC & FLOAT EQUIPMENT	
TOTAL	
SALES TAX (If Any)	
TOTAL CHARGES	
DISCOUNT	
IF PAID IN 30 DAYS	

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Don J. Owens

I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.



Date 6-21-12 District G-east Bend Ticket No. 42524  
 Company American American Rig PTA-10001  
 Lease Deighton Well No. 6  
 County NCS State KS  
 Location 25-195-2Pw Field Bazine  
00 RD 7 South West North of 00 RD  
 CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Antimicrobial  Production  Liner   
 Size 8 5/8 Type NEW Weight 24 Collar 8 RD  
Heavy H&S

CEMENT DATA:  
 Spacer Type: fresh water  
 Amt. 5 Sls Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG  
 LEAD: Pump Time 41 hrs. Type CLASSICAL  
+ 330' AZ 8 RD Excess 100 SK  
 Amt. 750 Sls Yield 1.34 ft<sup>3</sup>/sk Density 15.2 PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sls Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls

Casing Depth: Top KB Bottom 224  
Deighton

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

Drill Pipe: Size 4 1/2 Weight 16.6 options x hole  
 Open Hole: Size 12 7/8 T.P. 224 ft P.B. to 14 ft  
 CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70  
 Open Hole: 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 \_\_\_\_\_ Plug Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type fresh Amt. 13.25 Bbls. Weight 8.34 PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Douglas 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 Ritz mud Run 5 Bbls Ahead Hook up mix 150SK CLASSICAL + 220SK
9:45			54.04	13.25	3	Displace 13.25 Bbls fresh water Cement circulated Shut in



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

TICKET  
 N° 29138

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Ness City KS WELL/PROJECT NO. #18 LEASE American Warrior COUNTY/PARISH Neosho STATE KS CITY Bazine DATE 27 JUN 12 OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR Petrochem RIG NAME/NO. 1 SHIPPED NET DELIVERED TO Location ORDER NO.  
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE concret long string WELL PERMIT NO. WELL LOCATION 25-19-22W  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			UM		UM		
575		1			MILEAGE TRK 114	20	mi		6.00	120.00	
578		1			Pump Charge	1	ea		1500.00	1500.00	
402		1			Centralizer	5	in	5	ea	70.00	350.00
403		1			Concret Baskets	5	in	2	ea	250.00	500.00
404		1			Port Collar	5	in	1	ea	2400.00	2400.00
406		1			Latch down plug: be/pe	5	in	1	ea	250.00	250.00
407		1			Insert float shoe w/ auto fill	5	in	1	ea	350.00	350.00
419		1			Rotating head rental	5	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.

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

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				

JOB LOG

SWIFT Services, Inc.

DATE: 10/12/12 PAGE NO.

CUSTOMER: American Union Oil WELL NO. 46 LEASE: DeSoto 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	
								1755k EA-2 w/ 4 <sup>#</sup> floccle
								105,15 5" - 15.5" casing thru pipe 4398'
								Shoejt 4242' RTD 4395'
								Continue 1, 2, 3, 4, 6, 9 Bar. lat 5, 7, 0
								Per Center "70 1444" 31" - 10" cut
	0530							on loc TRK 114
	0615							Start 52" - 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 305 <sup>6</sup>
	0903	4 <sup>3</sup> / <sub>4</sub>	34				250	mix EA-2 cement 145 <sup>5</sup> / <sub>8</sub> @ 15.3 <sup>1</sup> / <sub>8</sub>
	0913							Drop latch down plug
								wash out pump & line
	0917	6 <sup>3</sup> / <sub>4</sub>					200	Displace plug
		6 <sup>3</sup> / <sub>4</sub>	40				800	
	0930	6 <sup>3</sup> / <sub>4</sub>	103				1500	Land plug
								Release pressure to truck - drilled up
	0934							wash truck
								Rack up
	1010							job complete
								Thanks
								ISAAC Dade & Blaine



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

TICKET CONTINUATION

TICKET No. 23133

CUSTOMER American Warrior WELL *Detonator / 26* DATE 29 Jun 12 PAGE 2 OF 2

325	1		STANDARD cement (4-4-c)	175 sk		13.50	2362.50
284	1		calsonc	800 lb	8 sk	35.00	280.00
283	1		salt	900 lb		0.20	180.00
292	1		baked 322	125 lb		7.75	968.75
276	1		flake	50 lb		2.00	100.00
281	1		mid flush	500 gal		1.25	625.00
221	1		KCL liquid	2 gal		25.00	50.00
290	1		D-one	2 gal		35.00	70.00
582	1		D-one (min)	1 ea		250.00	250.00
581	1		SERVICE CHARGE	175		2.00	350.00
TOTAL WEIGHT				18375	LOADED MILES	20	
					TON MILES		



CHARGE TO: American Waiver  
 ADDRESS:  
 CITY, STATE, ZIP CODE: Danaher

TICKET NO: **23145**  
 PAGE 1 OF 1

SERVICE LOCATIONS: 1. Resort, KS WELD PRODUCT NO. #6 LEASE WACHAR COUNTY/PARISH ness STATE KS CITY Bazine DATE 13 Jul 12 OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR HD RIG NAME/NO. location SHIPPED NET DELIVERED TO location ORDER NO.  
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE connect port collar WELL PERMIT NO. WELL LOCATION 6-5 E-U 1 into  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UOM		UNIT PRICE	AMOUNT	
		LOC	ACCT	OF								
575		1			MILEAGE TRK 114	20		mi		6.00	120	00
576D		1			Pump/chem.		1	hr		1250.00	1250	00
330		1			Sand cement	120		sk		165.00	1980	00
276		1			fluo.		8	lb		2.00	16	00
290		1			D.A.D.		1	gal		35.00	35	00
581		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.  
 SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
 X Scott  
 DATE SIGNED TIME SIGNED 5:00 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	4085 00
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?	<input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	4218 25

7.55 TAX 6.3% 133 25

SWIFT OPERATOR ACampbell APPROVAL ACampbell Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 13 Jul 12 PAGE NO.

CUSTOMER American Warrior WELL NO. 6 LEASE Precision Cement port collar 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	
								175k SWD w/ 1/4" floccles 28" 5 1/2" Port Collar 1444'
	0830							on loc T 24 114
	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 flow to surface - cement to surface - { 205K mixt } { 20 to top } pump 5 bbl 1120 close port collar
		4	5			400		
		4	67			500		
	0915	4	5			500		test to 1000 psi - hold
	0920					1000	1000	Reverse cut - 2 cement plugs - hole clean
	0928		15					Use 400 truck Rack up job complete Thank Blaine Day & Dave