



KANSAS CORPORATION COMMISSION 1089667  
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: Joe Smith  
Phone: ( 620 ) 275-2963  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co., Inc.  
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 #: \_\_\_\_\_

<u>11/02/2010</u>	<u>11/09/2010</u>	<u>12/30/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-083-21681-00-00  
Spot Description: \_\_\_\_\_  
NE\_NE\_NW\_SE Sec. 22 Twp. 21 S. R. 25  East  West  
2705 Feet from  North /  South Line of Section  
1399 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Hodgeman  
Lease Name: LEHMAN Well #: 1-22  
Field Name: \_\_\_\_\_  
Producing Formation: Mississippian  
Elevation: Ground: 2407 Kelly Bushing: 2366  
Total Depth: 4670 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 223 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1611 Feet  
If Alternate II completion, cement circulated from: 1611  
feet depth to: 0 w/ 150 sx cmt.

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content: 14000 ppm Fluid volume: 60 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: Deanna Garbar Date: 08/10/2012



1089667

Operator Name: American Warrior, Inc. Lease Name: LEHMAN Well #: 1-22  
 Sec. 22 Twp. 21 S. R. 25  East  West County: Hodgeman

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  CNL/CDL,DIL,MEL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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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	12.250	8.625	23	223	Common	150	3%CC, 2%gel
Production	7.875	5.50	15.5	4595	EA-2	125	

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 (Amount and Kind of Material Used)	Depth
4	4519' to 4526'		

<b>TUBING RECORD:</b>		Size: <u>2.375</u>	Set At: <u>4567</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/08/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	20	0	20		36

<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 checked="" 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 (Specify) _____	<b>PRODUCTION INTERVAL:</b> <u>4519 to 4526</u>
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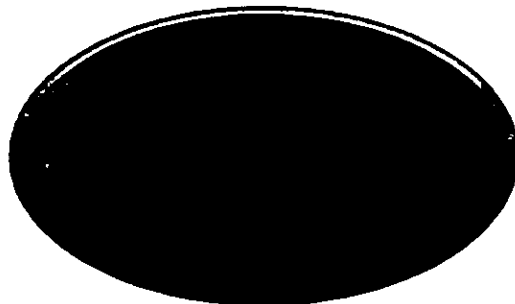
Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	LEHMAN 1-22
Doc ID	1089667

Tops

Anhy	1649	+767
B/Anhy	1678	+738
Heebner	3829	-1413
Lansing	3874	-1458
B/KC	4256	-1840
Marmaton	4282	-1866
Ft. Scott	4410	-1994
Cherokee	4434	-2018
Mississippian	4516	-2100

# **Geological Report**

**American Warrior Inc.**  
**Lehman #1-22**  
**2650' FNL & 1410' FEL**  
**Sec. 22 T21s R25w**  
**Hodgeman County, Kansas**



**American Warrior, Inc.**

## General Data

**Well Data:** American Warrior, Inc.  
Lehman #1-22  
2650' FNL & 1410' FEL  
Sec. 22 T21s R25w  
Hodgeman County, Kansas  
API # 15-083-21681-0000

**Drilling Contractor:** Duke Drilling Co. Rig #5

**Geologist:** Jason Alm

**Spud Date:** November 2, 2010

**Completion Date:** November 9, 2010

**Elevation:** 2405' Ground Level  
2416' Kelly Bushing

**Directions:** Ness City KS, South on Hwy 283 to Ave X, West  
on Ave X for 7 mi to 210 rd. South 2 ½ mi. on 210  
rd. West into location.

**Casing:** 223' 8 5/8" surface casing  
4599' 5 1/2" production casing

**Samples:** 10' wet and dry, 4100' to RTD

**Drilling Time:** 3700' to RTD

**Electric Logs:** Log-Tech, Inc. "Jared Long"  
CNL/CDL, DIL, MEL

**Drillstem Tests:** One, Trilobite Testing, Inc. "Shane McBride"

**Problems:** None

**Remarks:** None

## Formation Tops

Formation	American Warrior, Inc. Lehman #1-22 Sec. 22 T21s R25w 2450' FNL & 1410' FEL
Anhydrite	1649', +767
Base	1678', +738
Heebner	3829', -1413
Lansing	3874', -1458
Stark	4155', -1739
BKc	4256', -1840
Marmaton	4282', -1866
Pawnee	4363', -1947
Fort Scott	4410', -1994
Cherokee	4434', -2018
Mississippian	4516', -2100
LTD	4600', -2184
RTD	4600', -2184

## Sample Zone Descriptions

**Mississippian** (4516, -2100): Covered in DST #1  
 Dolo – Fine to medium sucrosic crystalline with fair to good inter-crystalline and vugular porosity, light to fair oil stain and saturation in porosity, fair to good show of free oil, bright yellow fluorescents, good odor, 60 units hotwire.

**Drill Stem Tests**  
**Trilobite Testing Inc.**  
**"Shane McBride"**

**DST #1**

**Mississippian**

Interval (4455' - 4525') Anchor Length 70'

IHP	- 2238 #	
IFP	- 45" - Built to 3 1/4 in.	19-56 #
ISI	- 45" - Dead	1129 #
FFP	- 45" - Built to 3 1/4 in.	61-88 #
FSI	- 45" - Dead	1099 #
FHP	- 2143 #	
BHT	- 118°F	

Recovery:    126' GIP  
                   60' GCO  
                   120' SGOCM            30% Oil

**Structural Comparison**

	<b>American Warrior, Inc.</b> <b>Lehman #1-22</b> <b>Sec. 22 T21s R25w</b> <b>2450' PNL &amp; 1410' FEL</b>		<b>Petroleum, Inc.</b> <b>Clark O #2</b> <b>Sec. 22 T21s R25w</b> <b>C NW SE</b>		<b>Kenosha Resources</b> <b>Clark #1</b> <b>Sec. 22 T21s R25w</b> <b>4620' FSL &amp; 660' FEL</b>	
<b>Formation</b>						
Anhydrite	1649', +767		NA	NA	1616', +769	(-2)
Base	1678', +738		NA	NA	NA	NA
Heebner	3829', -1413		3832', -1408	(-5)	3803', -1418	(+5)
Lansing	3874', -1458		3878', -1454	(-4)	3850', -1465	(+7)
Stark	4155', -1739		NA	NA	NA	NA
BKc	4256', -1840		NA	NA	4244', -1859	(+19)
Marmaton	4282', -1866		4294', -1870	(+4)	4266', -1881	(+15)
Pawnee	4363', -1947		NA	NA	NA	NA
Fort Scott	4410', -1994		NA	NA	4393', -2008	(+14)
Cherokee	4434', -2018		NA	NA	4420', -2035	(+17)
Mississippian	4516', -2100		4540', -2116	(+16)	4497', -2112	(+12)

# ALLIED CEMENTING CO., LLC. 042159

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

SERVICE POINT: \_\_\_\_\_

DATE <u>11-3-10</u>	SEC <u>72</u>	TWP. <u>21</u>	RANGE <u>25W</u>	CALLED OUT <u>2:00pm</u>	ON LOCATION <u>5:30pm</u>	JOB START	JOB FINISH
LEASE <u>10/1/10</u>	WELL # <u>122</u>	LOCATION <u>Saltwater</u>	COUNTY <u>Harvey</u>		STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Davis

TYPE OF JOB Water

HOLE SIZE 12 1/4 T.D. 223

CASING SIZE 9 1/8 DEPTH 223

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15

PERFS. \_\_\_\_\_

DISPLACEMENT 12 2000 Gallons

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 1500 A-139, 1720 B

EQUIPMENT

PUMP TRUCK CEMENTER 1500 Gallon

# 370 HELPER 1500 Gallon

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER T. S.

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 152 @ 15.15 2307.50

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL 3 @ 20.50 61.50

CHLORIDE 6 @ 50.10 300.60

ASC \_\_\_\_\_ @ \_\_\_\_\_

HANDLING 150 @ 2.00 300.00

MILEAGE 150 @ 5.00 750.00

REMARKS:

2000 Gallon Cementer

1500 Gallon Bulk Truck

1500 Gallon Bulk Truck

1500 Gallon Bulk Truck

1500 Gallon Bulk Truck

SERVICE

DEPTH OF JOB 223

PUMP TRUCK CHARGE 900.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 5 @ 7.00 35.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Harvey Cementing Co.

STREET \_\_\_\_\_

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

TOTAL 1050.00

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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 Kevin M. Davis

SIGNATURE Kevin M. Davis

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \$ 5155.70

DISCOUNT \$ 1031.14 IF PAID IN 30 DAYS

\$ 4124.56





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

TICKET  
19861

PAGE 1 OF 1

1. SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			UM			
515		1			MILEAGE 4116	30	nil		5 <sup>00</sup>	150 <sup>00</sup>
518		1			TURP OIL	18	4534	FT	140 <sup>00</sup>	1400 <sup>00</sup>
500		1			REGULAR OIL	250	15	%	1 <sup>00</sup>	350 <sup>00</sup>
235		1			INHIB-1	1	gal		35 <sup>00</sup>	35 <sup>00</sup>
256		1			HALAD-1	30	lbs		6 <sup>00</sup>	180 <sup>00</sup>
290		1			D AM	2	gal		35 <sup>00</sup>	70 <sup>00</sup>
216		1			FUEL	25	lbs		17 <sup>00</sup>	52 <sup>00</sup>
105		1			TRUCK MILEAGE	1	mi		300 <sup>00</sup>	300 <sup>00</sup>
220		1			SPARE PARTS	140	gal		15 <sup>00</sup>	2100 <sup>00</sup>
225		1			SPARE PARTS	75	gal		12 <sup>00</sup>	900 <sup>00</sup>
3-1		1			SPARE PARTS	250	gal		1 <sup>00</sup>	315 <sup>00</sup>
5-33		1			DREGS	24434	lbs	31	1.71	71 <sup>00</sup>

**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 Joe  
 DATE SIGNED: 24 Nov 10 TIME SIGNED: 1:50  
 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
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			

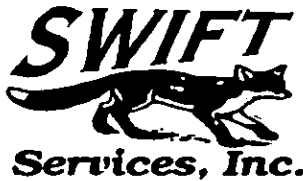
PAGE TOTAL	6279	01
TAX	7.45	
TOTAL	6347	46

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR: Steve E. Ruff APPROVAL: \_\_\_\_\_

Thank You!





CHARGE TO: Midwest Drilling  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET  
**19167**  
 PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Midwest Drilling</u>	WELL/PROJECT NO. <u>1-22</u>	LEASE <u>Lohman</u>	COUNTY/PARISH <u>Holt</u>	STATE <u>KS</u>	CITY <u>Ness City</u>	DATE <u>9 Nov 10</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>DOC</u>	RIG NAME/NO. <u>15</u>	SHIPPED <u>FACT</u>	DELIVERED TO <u>location</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>development</u>	JOB PURPOSE <u>concrete ring string</u>	WELL PERMIT NO.	WELL LOCATION <u>22-215 2 SW HC</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE	30		mi		5.00	150	00
576		1			Pump Charge	1		ea		1100.00	1100	00
412		1			Controlizers	58	9	ea	ea	55.00	495	00
413		1			Control Buckets	5 1/2	2	ea	ea	200.00	400	00
414		1			Part Collar	5 1/2	1	ea	ea	1900.00	1900	00
416		1			Latch Arm plus 1/2" hole	5 1/2	1	ea	ea	325.00	325	00
417		1			Insert street shoe 4 1/4" to 6.11	5 1/2	1	ea	ea	275.00	275	00
419		1			Retaining Head (10.11)	5 1/2	1	ea	ea	150.00	150	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 \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  A.M.  P.M.

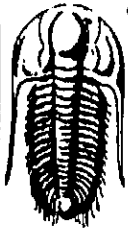
**REMIT PAYMENT TO:**  
**SWIFT SERVICES, INC.**  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	475	00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					4582	38
WE UNDERSTOOD AND MET YOUR NEEDS?					7577	38
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL		
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES This document is hereby signed and acknowledged by the material provider on 11/9/10

SWIFT OPERATOR AB Cowbell APPROVAL \_\_\_\_\_

**Thank You!**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc

**Lehman #1-22**

p.o. box 399  
Garden City, Ks  
67846

**22-21s-25w Ness, Ks**

Job Ticket: 039693 **DST#: 1**

ATTN: Jason Alm

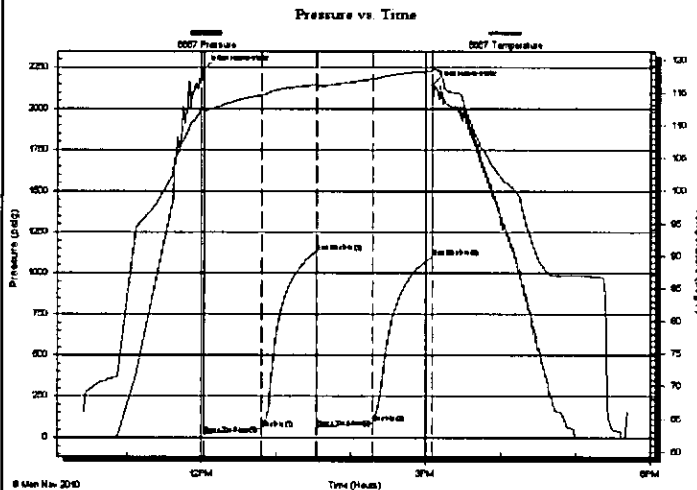
Test Start: 2010.11.08 @ 10:25:46

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: 12:02:16  
 Time Test Ended: 18:00:16  
 Interval: **4455.00 ft (KB) To 4525.00 ft (KB) (TVD)**  
 Total Depth: **4525.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole**  
 Tester: **Shane McBride**  
 Unit No: **40**  
 Reference Elevations: **2416.00 ft (KB)**  
**2405.00 ft (CF)**  
 KB to GR/CF: **11.00 ft**

**Serial #: 6667** **Inside**  
 Press@RunDepth: **88.45 psig @ 4456.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2010.11.08** End Date: **2010.11.08** Last Calib.: **2010.11.08**  
 Start Time: **10:25:46** End Time: **17:42:16** Time On Btm: **2010.11.08 @ 12:02:01**  
 Time Off Btm: **2010.11.08 @ 15:05:46**

**TEST COMMENT:** 3 1/4" in blow  
 No return  
 3" in blow  
 No return



## PRESSURE SUMMARY

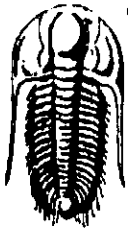
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2237.92	112.47	Initial Hydro-static
1	19.84	111.97	Open To Flow (1)
46	55.84	114.57	Shut-in(1)
90	1129.69	116.13	End Shut-in(1)
91	61.87	115.87	Open To Flow (2)
136	88.45	116.98	Shut-in(2)
183	1099.32	118.19	End Shut-in(2)
184	2142.52	118.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	c g o 2%g 98%o	0.30
120.00	s g o c m 5%g 30%o 65%m	0.59
0.00	126' weak gas in pipe	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior Inc

**Lehman #1-22**

p.o. box 399  
Garden City, Ks  
67846

**22-21s-25w Ness, Ks**

Job Ticket: 039693

**DST#: 1**

ATTN: Jason Alm

Test Start: 2010.11.08 @ 10:25:46

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	37 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

**Recovery Table**

Length ft	Description	Volume bbl
60.00	c g o 2%g 98%o	0.295
120.00	s g o c m 5%g 30%o 65%m	0.590
0.00	126' weak gas in pipe	0.000

Total Length: 180.00 ft      Total Volume: 0.885 bbl

Num Fluid Samples: 0

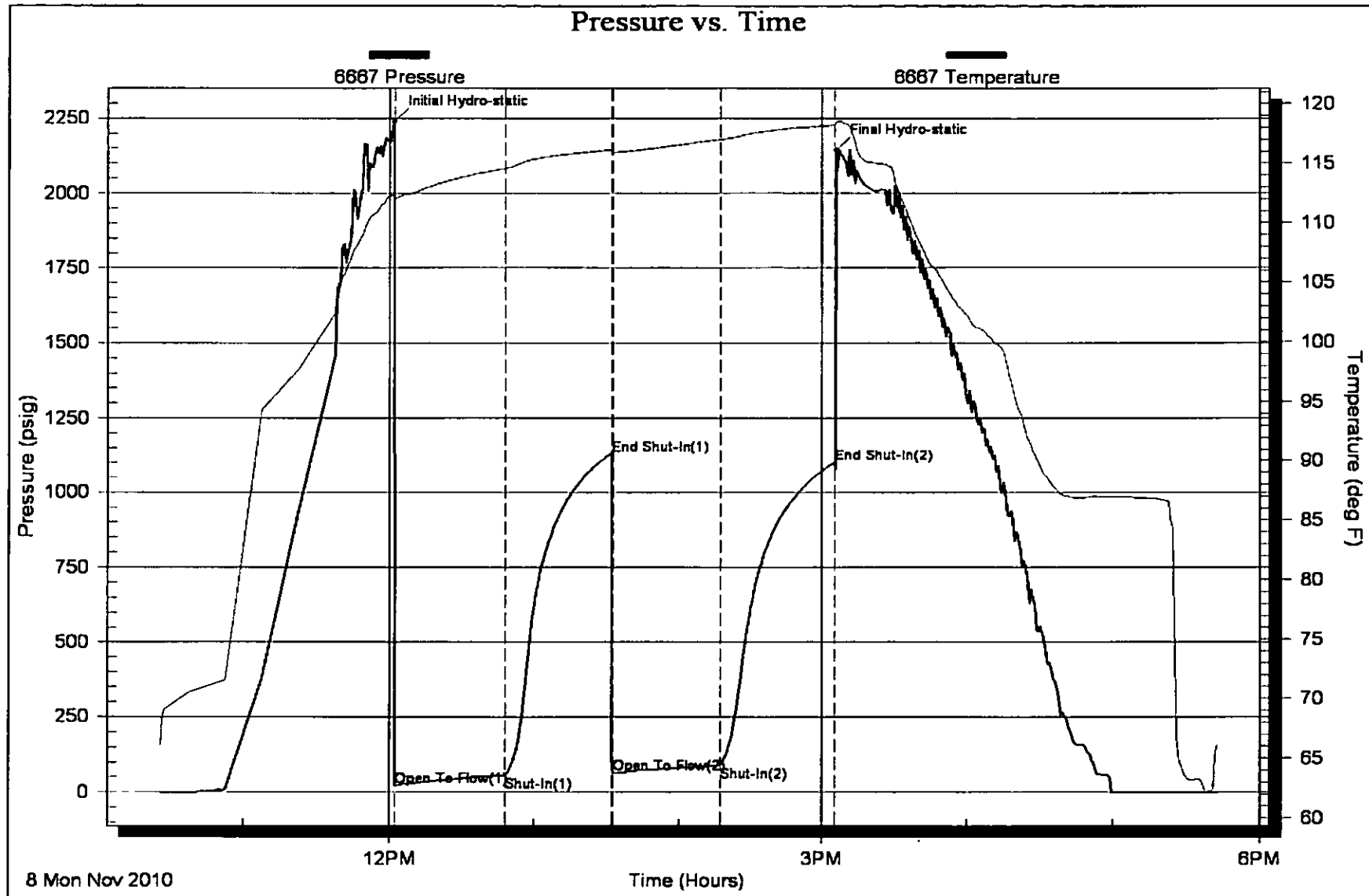
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





CHARGE TO: Anderson Staff DR  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET  
19167

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>NESS CITY, KS</u>	WELL/PROJECT NO. <u>1-22</u>	LEASE <u>Lohman</u>	COUNTY/PARISH <u>Hedrickman</u>	STATE <u>KS</u>	CITY <u>NESS CITY</u>	DATE <u>9 NOV 10</u>	OWNER
2.	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Drew</u>	RIG NAME/NO. <u>15</u>	SHIPPED VACT	DELIVERED TO <u>Lohman</u>	ORDER NO.	
3.	WELL TYPE <u>oil</u>	WELL CATEGORY <u>development</u>	JOB PURPOSE <u>convert fire string</u>	WELL PERMIT NO.	WELL LOCATION <u>22-215 25W 1-</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UM		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE	30		mi		5.00	150	00
578		1			Pump Change	1		ea		1400.00	1400	00
412		1			Controlizers	5 1/2	9	in	ea	55.00	495	00
413		1			Controlizer	5 1/2	2	in	ea	200.00	400	00
404		1			Part Collar	5 1/2	1	in	ea	1900.00	1900	00
416		1			Latch Assembly & handle	5 1/2	1	in	ea	225.00	225	00
417		1			Insert direct shoe w/Ar to h-11	5 1/2	1	in	ea	275.00	275	00
419		1			Retracting Head Initial	5 1/2	1	in	ea	150.00	150	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 \_\_\_\_\_ 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	4195	00
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					4582	38
WE UNDERSTOOD AND MET YOUR NEEDS?					1577	79
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TAX		
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TOTAL		
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR AB [Signature] APPROVAL \_\_\_\_\_

Thank You!







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

TICKET CONTINUATION

TICKET No. 19167

CUSTOMER American Water Well  
WELL Bohannon 1-22  
DATE 9 Nov 10  
PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/INVOICE NUMBER	ACCOUNTING		TYPE	DESCRIPTION	QUANTITY		UNIT PRICE		TOTAL	
		AMOUNT	UNIT			QTY	UNIT	AMOUNT	UNIT		
325		1			STANDARD cement	175	sls	12	00	2100	00
84		1			calcium	4	sls	30	00	240	00
293		1			SALT	900	lb	0	15	135	00
280		1			Halod-322	125	lb	7	00	875	00
276		1			flocite	50	lb	1	50	75	00
281		1			MUD FLUSH	500	gal	1	00	500	00
221		1			KCL liquid	2	gal	25	00	50	00
290		1			D-AIR	2	gal	35	00	70	00
581		1			SERVICE CHARGE						
583		1			TOTAL WEIGHT	1635					
					LOADED MILES	30					
					TOTAL CUBIC FEET	175					
					TOTAL TON MILES	274.56					

CERTIFICATE NO. 4582.36