

ORIGINAL

1/19/14

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
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: P.O. Box 399  
Address 2: \_\_\_\_\_  
City: Garden City State: Ks. Zip: 67846 + \_\_\_\_\_  
Contact Person: Jody Smith  
Phone: ( 620 ) 272-2963  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co.Inc.  
Wellsite Geologist: Harley Sayles  
Purchaser: NCRA

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SLOW
- 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>8/29/11</u>	<u>9/5/11</u>	<u>1/17/12</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 057-20743 · 00 · 00

Spot Description: \_\_\_\_\_

NE NE NW SE Sec. 14 Twp. 27 S. R. 22  East  West

2,499 Feet from  North /  South Line of Section

1,536 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County: Ford

Lease Name: Linlor Well #: A-4

Field Name: Konda Southeast

Producing Formation: Mississippian

Elevation: Ground: 2411' Kelly Bushing: 2422'

Total Depth: 5170' Plug Back Total Depth: 5138'

Amount of Surface Pipe Set and Cemented at: 428' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1442' Feet

If Alternate II completion, cement circulated from: 1442'

feet depth to: surface w/ 135sx sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 14,000 ppm Fluid volume: 40# bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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JAN 19 2014

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]

Title: Foreman Date: 1/18/12

KCC Office Use ONLY

Letter of Confidentiality Received  
Date: 1-19-12 - 1-19-14 RECEIVED

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: [Signature] Date: JAN 19 2014

Operator Name: American Warrior Inc. Lease Name: Linlor Well #: A-4  
 Sec. 14 Twp. 27 S. R. 22  East  West County: Ford

**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: <b>Dual Induction, Mico, Porosity and sonic.</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhy</td> <td>1455'</td> <td>+967</td> </tr> <tr> <td>B/Anhy</td> <td>1482'</td> <td>+940</td> </tr> <tr> <td>Heebner</td> <td>4176'</td> <td>-1754</td> </tr> <tr> <td>Lansing</td> <td>4311'</td> <td>-1889</td> </tr> <tr> <td>B/KC</td> <td>4693'</td> <td>-2271</td> </tr> <tr> <td>Cherokee</td> <td>4867'</td> <td>-2445</td> </tr> <tr> <td>Mississippian</td> <td>4980'</td> <td>-2748</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Anhy	1455'	+967	B/Anhy	1482'	+940	Heebner	4176'	-1754	Lansing	4311'	-1889	B/KC	4693'	-2271	Cherokee	4867'	-2445	Mississippian	4980'	-2748
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Mississippian	4980'	-2748																										

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	121/4	85/8	23#	428'	Common	300sx	3%CC,2%gel
Production	77/8	51/2	17#	5169'	EA-1	125sx	

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				

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	5026' to 5034	500 gal 15%MCA	

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TUBING RECORD: Size: <u>27/8</u> Set At: <u>None</u> Packer At: <u>None</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>NA</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 Bbls. <u>24</u> Gas Mcf <u>25MCF</u> Water Bbls. <u>0</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" 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)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5026' to 5034'</u> <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED                      JAN 19 2012</div>
--	--	---

# ALLIED CEMENTING CO., LLC. 037384

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

SERVICE POINT:  
Great Bend, KS

DATE <u>8-29-11</u>	SEC. <u>14</u>	TWP. <u>27</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>3:45 pm</u>	JOB FINISH <u>4:15 pm</u>
LEASE <u>Unit A</u>	WELL # <u>4</u>	LOCATION <u>Spearsville, KS 10 South</u>			COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>3 east 1/2 South West into</u>					

CONTRACTOR Duke #5 OWNER American Warrior

TYPE OF JOB <u>Sur Face</u>	CEMENT		
HOLE SIZE <u>12 1/4</u> T.D. <u>430</u>	AMOUNT ORDERED <u>300 sks Class A</u>		
CASING SIZE <u>7 5/8</u> DEPTH <u>478</u>	<u>30% cc 20% gel</u>		
TUBING SIZE DEPTH	COMMON <u>300</u> @		
DRILL PIPE <u>4 1/2</u> DEPTH	POZMIX @		
TOOL DEPTH	GEL <u>6</u> @		
PRES. MAX MINIMUM	CHLORIDE <u>11</u> @		
MEAS. LINE SHOE JOINT	ASC @		
CEMENT LEFT IN CSG. <u>15 FT</u>	DISPLACEMENT <u>Freshwater</u>		

EQUIPMENT

PUMP TRUCK # <u>398</u>	CEMENTER <u>Greg R</u>
BULK TRUCK # <u>482/108</u>	HELPER <u>Johnie</u>
BULK TRUCK #	DRIVER <u>Kevin W</u>
BULK TRUCK #	DRIVER

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REMARKS:  
Pipe in bottom - Break circ with  
blamed with 300 sks Class A  
30% cc 20% gel  
Start displacement  
Displace with 26 1/4 lbs  
freshwater  
Cement sid circulate

CHARGE TO: American Warrior

STREET \_\_\_\_\_

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

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 KENNETH M. McNEIL

SIGNATURE Kenneth M. McNeil

Thank you!

HANDLING MILEAGE \_\_\_\_\_ TOTAL \_\_\_\_\_

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

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

MILEAGE @ \_\_\_\_\_

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

TOTAL \_\_\_\_\_

RECEIVED

JAN 19 2012 @ \_\_\_\_\_

KCC WICHITA @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAY



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

RECEIVED  
 JAN 19 2012  
 KCC WICHITA

TICKET  
**21054**  
 PAGE 1 OF 2

1. SERVICE LOCATIONS <b>NESS CITY, KS</b>	WELL/PROJECT NO. <b>A-54</b>	LEASE <b>LINLOR</b>	COUNTY/PARISH <b>FORD</b>	STATE <b>Ks</b>	CITY	DATE <b>9-6-11</b>	OWNER <b>SAME</b>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>DUKE DRIG. #5</b>	RIG NAME/NO.	SHIPPED VIA <b>CT</b>	DELIVERED TO <b>LOCATZON</b>	ORDER NO.		
3. WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>5 1/2" LONGSTR26</b>	WELL PERMIT NO.	WELL LOCATION <b>FORD, KS - 1 1/2, 3 1/2 E, 2 1/4 W.</b>			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #113	70	ME			6.00	420.00
578		1			PUMP CHARGE	1	JOB	5170	FT	1500.00	1500.00
221		1			LIT OIL KCL	2	GAL			25.00	50.00
281		1			MUD FRESH	500	GAL			1.25	625.00
402		1			CENTRALIZAS	9	EA	5 1/2"		70.00	630.00
403		1			CONCRETE BASKETS	2	EA			250.00	500.00
406		1			LATCH DOWN PUMP - RAFFLE	1	EA			250.00	250.00
407		1			INSERT FLOAT SHOE W/AUTO FILL	1	EA			350.00	350.00
404		1			PORT COLLAR TOPT #104	1	EA	1442	FT	2400.00	2400.00
419		1			ROTATING HEAD RENTAL	1	JOB			200.00	200.00

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 JAN 18 2014  
 KCC

**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 *Kenneth McNamee*  
 DATE SIGNED **9-6-11** TIME SIGNED **1400**

A.M.  
 P.M.

**REMIT PAYMENT TO:**

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

<b>SURVEY</b>	AGREE	UN-DECIDED	DIS-AGREE	<b>PAGE TOTAL</b>	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				#1	6925.00
WE UNDERSTOOD AND MET YOUR NEEDS?				#2	4952.63
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	11,877.63
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	712.82
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			Ford 7.95%	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				<b>TOTAL</b>	<b>12,590.45</b>

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR **WAYNE WILSON** APPROVAL

**Thank You!**



**JOB LOG**

**SWIFT Services, Inc.**

DATE 9-6-11 PAGE NO. 1

CUSTOMER AMERICAN WOODRIDGE INC WELL NO. A-# 4 LEASE LINIOR JOB TYPE S/D LONGSTRING TICKET NO. 21054

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1400							ON LOCATION
	1500							START 5 1/2" CASING TO WELL
								TD-5170' SET= 5169'
								TP-5170' 5 1/2" * 17
								ST-21'
								CENTRALIZERS - 1, 3, 5, 7, 9, 11, 13, 15, 103
								CONTR. BSPTS - 8, 104
								POST COLLAR = 1442 TOP JT # 104
	1750							DROP BALL - CIRCULATE ROTATE
	1840	6	12		✓	450		PUMP 500 GAL MWD FLUSH "
	1842	6	20		✓	450		PUMP 20 BBLs KCl - FLUSH "
	1855		7.5					PLUG RH - MH (30 SKS - 20 SKS)
	1905	6	30		✓	350		MAX CEMENT - 125 SKS EA-2 @ 15.4 PPG "
	1910							WASH OUT PUMP - LINES
	1910							RELEASE CATCH DOWN PLUG
	1912	8	0		✓			DISPLACE PLUG " <b>CONFIDENTIAL</b> JAN 19 2014
		8	109			800		SHUT OFF ROTATING <b>KCC</b>
	1930	7	119 1/2			1500		PLUG DOWN - PSE UP CATCH IN PLUG
	1932					OK		RELEASE PSE - HEW <b>RECEIVED</b> JAN 19 2012
								WASH TRUCK <b>KCC WICHITA</b>
	2030							JOB COMPLETE THANK YOU WAKE, DON, ROB, BRADON, BRADAN



CHARGE TO: <i>AMERICAN WARRIOR INC</i>
ADDRESS
CITY, STATE, ZIP CODE

RECEIVED  
 JAN 19 2012  
 KCC WICHITA

TICKET  
**21066**

PAGE 1 OF 1

SERVICE LOCATIONS 1. <i>Ness City, Ks</i>	WELL/PROJECT NO. <i>A-4</i>	LEASE <i>LINLOR</i>	COUNTY/PARISH <i>Ford</i>	STATE <i>Ks</i>	CITY	DATE <i>9-19-11</i>	OWNER <i>SAME</i>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>CoTools</i>	RIG NAME/NO.	SHIPPED via <i>CT</i>	DELIVERED TO <i>LOCATION</i>	ORDER NO.	
3.	WELL TYPE <i>OIL</i>	WELL CATEGORY <i>DEVELOPMENT</i>	JOB PURPOSE <i>SQUEEZE PORES / PORT COLLAR</i>	WELL PERMIT NO.	WELL LOCATION <i>N / FORD, Ks</i>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.	UM	
575		1			MILEAGE # 114	60	MI		6.00	360.00
578		1			PUMP CHARGE	1	JOB	5051	1.50	1500.00
105		1			PORT COLLAR OPS/236 TOOL	1	JOB		350.00	350.00
300		1			REGULAR ACID	250	Gal	15.96	1.40	350.00
235		1			TWINE-1	1	Gal		35.00	35.00
325		1			STANDARD CEMENT	75	SKS		13.50	1012.50
330		1			SWIFT MUD - DENSOY STANDARD	135	SKS		16.50	2227.50
276		1			FLOCELE	50	LBS		2.00	100.00
286		1			HLAD-1	25	LBS		7.50	187.50
290		1			D-ADD	3	Gal		35.00	105.00
581		1			SERVICE CHARGE CEMENT	250	SKS		2.00	500.00
583		1			DRAINAGE - CEMENT	24465	LBS	733.95	1.00	733.95

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

X *Joe*

DATE SIGNED *9-19-11* TIME SIGNED *0830*  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?					7461.45
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	7778.06

*Ford TAX 7.95%* 316.61

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *Whitney Wilson* APPROVAL

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 9-19-11 PAGE NO. 7

CUSTOMER American Wireline Inc WELL NO. A-11 LEASE LINLOR JOB TYPE SQUEEZE PERFORATIONS TICKET NO. 21066

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION
								2 3/8 x 5 1/2
								PERFS = 5051
								PUR = 4915' SQUEEZE
	0840	2	20/6	✓		600		SPOT 250 ACRES = 5051 - PUR = 4915' ZWT RATE
	0930	2	16	✓		0		MAX COMST - 75 SKS STANDARD W/ 25# HALL 1ST
	0938							WASH OUT PUMP - LEAKS
	0940	2	0	✓		0		DISPLACE COMST
		2	8	✓		0		"
		1	10	✓		1200		"
		1	15	✓		1500		"
	0955	1/2	17	✓		1500		" SHUT DOWN
	1000					1500		HOLDING (5051 PERFS)
	1010					1500		RELEASE - HELD (TOC = 4915')
	1015	2 1/2	25		✓		700	REVERSE CLEAN - PULL 4 JTS
	1035			✓		1500		PSE SQUEEZE - HOLDING WASH TRUCK
	1115					1500		RELEASE - HELD PULL PACKER OUT WELL
								RW PORT COLLAR OPENING TOOL
	1315				✓		1000	PSE TEST - HELD
	1320	3	3	✓		300		OPEN PORT COLLAR - ZWT RATE
	1325	3 1/2	75	✓		300		MAX COMST 135 SKS SMD = 11.2 PPG
	1350	3 1/2	5	✓		450		DISPLACE COMST
	1400			✓		1000		CLOSE PORT COLLAR - PSE TEST - HELD
								CIRCULATED SKS 15 COMST TO PIT
	1415	4	25		✓		400	RW 6 JTS - CIRCULATE CLEAN
								WASH TRUCK
	1500							JOB COMPLETE

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JAN 19 2012

KCC WICHITA

THANK YOU  
WAYNE, DAVE K., JOE M



# Geological Report

American Warrior Inc.  
**Linlor "A" #4**  
2499' FSL & 1536' FEL  
Sec. 14 T27s R22w  
Ford County, Kansas



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**American Warrior, Inc.**

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## General Data

Well Data: American Warrior, Inc.  
Linor " A" #4  
2499' FSL & 1536' FEL  
Sec. 14 T27s R22w  
Ford County, Kansas  
API # 15-057-20743-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Harley Sayles

Spud Date: August 29, 2011

Completion Date: September 5, 2011

Elevation: 2411' Ground Level  
2422' Kelly Bushing

Directions: Ford KS, North on Hwy 400 1.9 mi to Rodge Rd.  
East on Ridge Rd 3.5 mi to 129 Rd. North on 129  
Rd 2.4 mi. West 0.3 mi into location.

Casing: 23# 8 5/8" surface casing @ 428 with 300 sacks  
Class A, 3% CC, 2% gel, Allied ticket #37384, 5  
1/2" production casing @ 5169 with 125 sacks EA-  
2, Swift ticket # 21054

Samples: 10' wet and dry, 4150' to RTD

Drilling Time: 4100' to RTD

Electric Logs: Dual Induction, Microresistivity, Dual  
Compensated Porosity, Compensated Sonic

Drillstem Tests: One, "Mike Slep"

Problems: None

Remarks: None

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JAN 19 2012  
KCC WICHITA

## Formation Tops

	American Warrior, Inc.
	Linlor "A" #4
	Sec. 14 T27s R22w
	2499' FSL & 1536' FEL
<b>Formation</b>	
Anhydrite	1455', +967
Base	1482', +940
Heebner	4176', -1754
Lansing	4311', -1889
Stark	4612', -2190
BKc	4693', -2271
Cherokee	4867', -2445
Mississippian	4980', -2558
TD	5170', -2748

## Sample Zone Descriptions

**Mississippian Warsaw (5026', -2604):** Covered in DST #1

Dolo- Tan, fine crystalline, good intercrystalline porosity, very good show of free oil, strong odor, complete saturation and stain, good yellow florescence, gas bubbles, bleeding oil

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**Drill Stem Tests**  
**Trilobite Testing Inc.**  
 "Mike Slempp"

**DST #1**

**Mississippian**

Interval (5027' – 5060') Anchor Length 33'

IHP	- 2600 #	
IFP	- 30" – BOB in 2 min	279-593 #
ISI	- 45" – BOB blow back GTS	1271 #
FFP	- 60" – BOB ASAO GTS TSTM	621-993 #
FSIP	- 90" – BOB blow back	1273 #
FHP	- 2491#	
BHT	- 127°F	

Recovery: 1240' GCO (25% Gas, 75% Oil)  
 992' W

**Structural Comparison**

	<b>American Warrior, Inc.</b> Linlor "A" #4 Sec. 14 T27s R22w 2499' FSL & 1536' FEL		Donald C. Slawson Linlor "A" #1 Sec. 14 T27s R22w 2068' FSL & 330' FEL		Donald C. Slawson Linlor "A" #3 Sec. 14 T27s R22w 1980' FNL & 660' FEL
<b>Formation</b>					
Anhydrite	1455', +967		1444', +969	(-2)	1456', +958
Base	1482', +940		1471', +942	(-2)	1483', +931
Heebner	4176', -1754		4164', -1751	(-3)	4167', -1753
Lansing	4311', -1889		4298', -1885	(-4)	4308', -1894
Stark	4612', -2190		4600', -2187	(-3)	4602', -2188
BKc	4693', -2271		4681', -2268	(-3)	4688', -2274
Cherokee	4867', -2445		4856', -2443	(-2)	4866', -2452
Mississippian	4980', -2558		4968', -2555	(-2)	4974', -2560
TD	5170', -2748		5174', -2761		(+2)

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## Summary

The location for the Linlor "A" #4 well was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One drill stem test was conducted which was positive. After all gathered data had been examined the decision was made to run 5 ½ inch production casing to further evaluate the Linlor "A" #4 well.

## Recommended Perforations

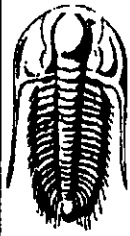
**Mississippian:** (5026' – 5034') **DST #1**

**Perf and Squeeze:** (5050' – 5052')

Respectfully Submitted,

Harley K. Sayles  
American Warrior Inc.

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**TRILOBITE TESTING, INC.**

### DRILL STEM TEST REPORT

American Warrior  
PO Box 399  
Garden City Ks, 67846  
ATTN: Harley Sayles

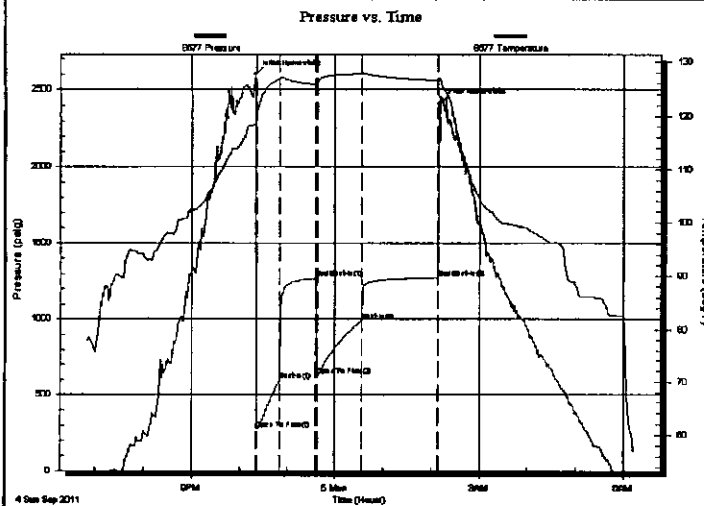
Linlor 'A' #4  
14/27s/22w  
Job Ticket: 42262      DST#: 1  
Test Start: 2011.09.04 @ 18:50:23

#### GENERAL INFORMATION:

Formation: **Miss**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 22:21:08  
Time Test Ended: 06:12:08  
Interval: **5027.00 ft (KB) To 5060.00 ft (KB) (TVD)**  
Total Depth: **5060.00 ft (KB) (TVD)**  
Hole Diameter: **7.78 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Mike Slemp**  
Unit No: **53**  
Reference Elevations: **2422.00 ft (KB)**  
**2412.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

Serial #: **8677**      Inside  
Press@RunDepth: **992.74 psig @ 5029.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2011.09.04**      End Date: **2011.09.05**      Last Calib.: **2011.09.05**  
Start Time: **18:50:24**      End Time: **06:12:08**      Time On Btrc: **2011.09.04 @ 22:19:38**  
Time Off Btrc: **2011.09.05 @ 02:12:08**

TEST COMMENT: F- BOB in 2 min  
IS- BOB blow back GTS  
FF- BOB ASAO GTS ASAO TSTM  
FS- BOB blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2600.72	118.68	Initial Hydro-static
2	279.03	119.33	Open To Flow (1)
30	593.45	126.78	Shut-In(1)
77	1270.62	125.80	End Shut-In(1)
78	620.53	126.04	Open To Flow (2)
134	992.74	127.79	Shut-In(2)
230	1273.31	126.57	End Shut-In(2)
233	2420.92	125.98	Final Hydro-static

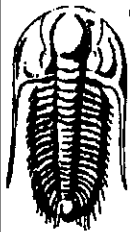
Recovery		
Length (ft)	Description	Volume (bbl)
1240.00	GCO 25%gas75%oil	14.08
992.00	w ater100%w ater	13.92

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

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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

American Warrior  
PO Box 399  
Garden City Ks, 67846  
ATTN: Harley Sayles

Linlor 'A' #4  
14/27s/22w  
Job Ticket: 42262      DST#: 1  
Test Start: 2011.09.04 @ 18:50:23

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.17 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5600.00 ppm		
Filter Cake: inches		

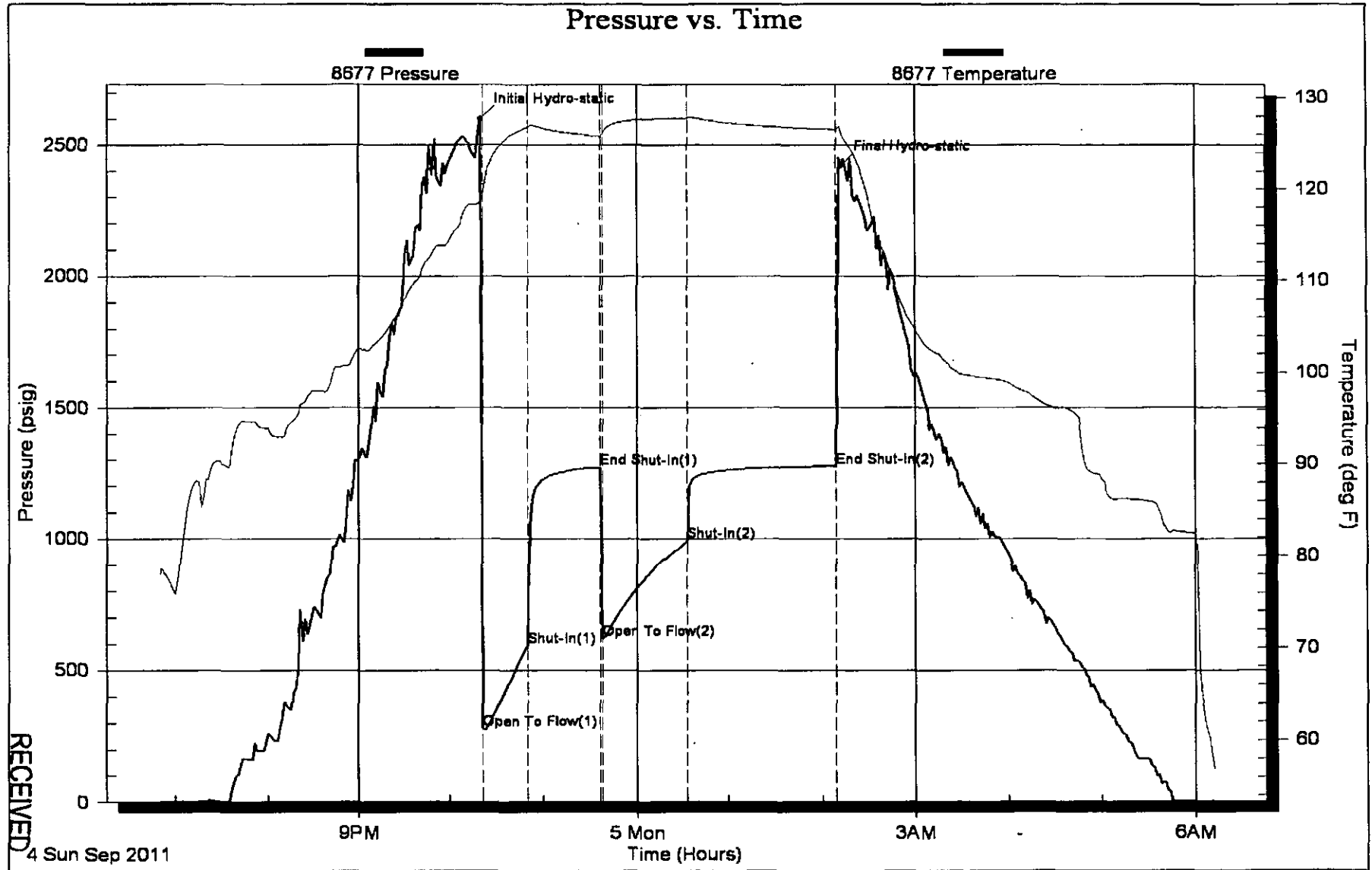
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1240.00	GCO 25%gas75%oil	14.078
992.00	water100%w ater	13.915

Total Length: 2232.00 ft      Total Volume: 27.993 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

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