



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



1084041

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	LaForce 2-31
Doc ID	1084041

Tops

Name	Top	Datum
Anhy	1627	+790
B/Anhy	1653	+754
Heebner	3861	-1444
Lansing	3913	-1496
Stark	4186	-1769
B/KC	4285	-1868
Marmaton	4311	-1894
Pawneee	4402	-1985
Ft.Scott	4436	-2019
Cherokee	4461	-2044
Mississippian	4538	-2121
Osage	4588	-2171

# ALLIED OIL & GAS SERVICES, LLC 053620

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Great Bend, KS

DATE <u>5/24/12</u>	SEC. <u>31</u>	TWP. <u>21s</u>	RANGE <u>24w</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00</u>	JOB FINISH <u>10:00</u>
LEASE <u>Laforce</u>		WELL # <u>2-31</u>		LOCATION <u>Jennings 3W 6N 21W</u>		COUNTY <u>Hodgson</u>	STATE <u>Kansas</u>
OLD OR <u>NEW</u> (Circle one)				<u>N. into</u>			

CONTRACTOR <u>Duke Drilling Co</u>	OWNER _____
TYPE OF JOB <u>Barrel Plug</u>	CEMENT
HOLE SIZE <u>12 1/4</u> T.D.	AMOUNT ORDERED <u>250 SK 60% Class A</u>
CASING SIZE <u>6 5/8</u> DEPTH	<u>40% 22 4% gel 1% EPO-seal</u>
TUBING SIZE _____ DEPTH	
DRILL PIPE <u>4 1/2</u> DEPTH <u>1650</u>	
TOOL _____ DEPTH	
PRES. MAX _____ MINIMUM	
MEAS. LINE _____ SHOE JOINT	
CEMENT LEFT IN CSG. <u>A11</u>	
PERFS. _____	
DISPLACEMENT <u>Freshwater</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Dustin C</u>	
# <u>366</u> HELPER <u>Kerry R</u>	
BULK TRUCK	
# <u>378</u> DRIVER <u>Kevin E</u>	
BULK TRUCK	
# _____ DRIVER	

COMMON <u>150</u>	@ <u>16.25</u>	<u>2,437.50</u>
POZMIX <u>100</u>	@ <u>8.50</u>	<u>850.00</u>
GEL <u>9</u>	@ <u>21.25</u>	<u>191.25</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
<u>Flt seal 62</u>	@ <u>2.70</u>	<u>167.40</u>
HANDLING <u>269</u>	@ <u>2.10</u>	<u>567.90</u>
MILEAGE <u>11.23 x 20 x</u>	<u>2.35</u>	<u>527.81</u>
TOTAL		<u>4,738.86</u>

**REMARKS:**

Gill Hole with Rb Mud  
1st 1650 - 50 SK  
2nd 540 - 50 SK  
3rd 250 - 50 SK  
4th 60 - 20 SK  
RD 70 SK  
MH 20 SK  
Plug Run 10:00

**SERVICE**

DEPTH OF JOB <u>1650</u>	
PUMP TRUCK CHARGE _____	<u>1250.00</u>
EXTRA FOOTAGE _____	@ _____
MILEAGE <u>Hum 20</u>	@ <u>2.00</u> <u>170.00</u>
MANIFOLD _____	@ _____
<u>Hum 20</u>	@ <u>4.00</u> <u>80.00</u>
TOTAL <u>1470.00</u>	

CHARGE TO: American Way  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
TOTAL		_____

To: Allied Oil & Gas Services, 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 MCGUIRE  
 SIGNATURE Kenneth McGuire

SALES TAX (If Any) _____
TOTAL CHARGES <u>6,208.86</u>
DISCOUNT <u>25%</u> <u>1,552.21</u>
TOTAL <u>4,656.65</u>

IF PAID IN 30 DAYS

Thank You!!

# ALLIED OIL & GAS SERVICES, LLC 053610

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Leasehead, KS

DATE <u>5-17-12</u>	SEC. <u>31</u>	TWP. <u>21S</u>	RANGE <u>24W</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30</u>	JOB FINISH <u>12:00</u>
LEASE <u>Loforce</u>		WELL # <u>2-31</u>		LOCATION <u>Jarvis, KS 3w 6N</u>		COUNTY <u>Hodgeman</u>	STATE <u>Kansas</u>
OLD OR <u>(NEW)</u> (Circle one)			<u>2 1/2 W N into</u>				

CONTRACTOR Duke Drilling Rig #5 OWNER \_\_\_\_\_

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. \_\_\_\_\_ CEMENT \_\_\_\_\_

CASING SIZE 6 5/8 DEPTH 222.72 AMOUNT ORDERED 150 GALS class A 3% CC

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_ 27-9e1

DRILL PIPE 4 1/2 DEPTH \_\_\_\_\_

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

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

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

CEMENT LEFT IN CSG. 15 ft

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

DISPLACEMENT 13,236 1/2 Freshners

**EQUIPMENT**

PUMP TRUCK CEMENTER Paul C

# 398 HELPER Kerry R

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

# 378 DRIVER Kelvin

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

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

**REMARKS:**

Pipe on bottom

See cement log

CHARGE TO: American Wellco

STREET \_\_\_\_\_

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

To: Allied Oil & Gas Services, 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 X KENNETH M GURE

SIGNATURE X Kenneth M Gure

Thank You!!

COMMON 150 @ 16.25 2,437.<sup>50</sup>

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

GEL 3 @ 21.25 63.75

CHLORIDE 5 @ 58.20 291.00

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

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

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

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

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

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

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

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

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

HANDLING 161 @ 2.10 338.10

MILEAGE 2.48 x 20x @ 2.35 351.80

TOTAL 3,481.21

**SERVICE**

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

PUMP TRUCK CHARGE 1125.<sup>00</sup>

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

MILEAGE Hum 20 @ 7.00 140.00

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

Hum 20 @ 4.00 80.00

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

TOTAL 1,345.<sup>00</sup>

**PLUG & FLOAT EQUIPMENT**

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

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

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

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

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

TOTAL \_\_\_\_\_

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

TOTAL CHARGES 4826.91

DISCOUNT 25% 1206.22

3,620.19 IF PAID IN 30 DAYS

# **Geological Report**

American Warrior Inc.

**LaForce #2-31**

2200' FNL & 1100' FEL

Sec. 31 T21s R24w

Hodgeman County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
LaForce #2-31  
2200' FNL & 1100' FEL  
Sec. 31 T21s R24w  
Hodgeman County, Kansas  
API # 15-083-21760-0000

Drilling Contractor: Duke Drilling Co. Rig #5

Geologist: Harley Sayles

Spud Date: May 17, 2011

Completion Date: May 24, 2011

Elevation: 2406' Ground Level  
2417' Kelly Bushing

Directions: Jetmore KS, West on Hwy 156 3.2 mi to 215 Rd.  
North on 215 Rd 6 mi. Then West 2.6 mi on S Rd.  
North and Northeast 1.2 mi into location.

Casing: 24# 8 5/8" surface casing @ 222 with 150 sacks  
Class A, 3% CC, 2% gel, Allied ticket #53616

Samples: 10' wet and dry, 3850' to RTD

Drilling Time: 3750' to RTD

Electric Logs: Dual Induction, Microresistivity, Dual  
Compensated Porosity

Drillstem Tests: Two, "Brad Walter"

Problems: None

Remarks: None

## Formation Tops

Formation	American Warrior, Inc. LaForce #2-31 Sec. 31 T21s R24w 2200' FNL & 1100' FEL
Anhydrite	1627', +790
Base	1653', +754
Heebner	3861', -1444
Lansing	3913', -1496
Stark	4186', -1769
BKc	4285', -1868
Marmaton	4311', -1894
Pawnee	4402', -1985
Fort Scott	4436', -2019
Cherokee	4461', -2044
Mississippian	4538', -2121
Osage	4588', -2171
LTD	4673', -2256

## Sample Zone Descriptions

**Mississippian Warsaw (4538', -2121):** Covered in DST #1 & #2

Dolo- Lt gray to cream, fine to sub crystalline, poor vuggy porosity, poor to fair sucrosic intercrystalline porosity, good show of free oil, good odor, partial to complete saturation and stain, yellow florescence, very slightly glauconitic, 12 unit gas kick



**Drill Stem Tests**  
 Trilobite Testing Inc.  
 "Brad Walter"

**DST #1**      **Mississippian Warsaw**  
 Interval (4539' – 4550') Anchor Length 11'  
 IHP    – 2297 #  
 IFP    – 30" – Surface blow died in 5 min      19-22 #  
 ISI    – 30" – No blow back      27 #  
 FFP    – 10" – No blow      21-22 #  
 FHP    – 2292 #  
 BHT    – 123°F

Recovery:    1'      Mud

**DST #2**      **Mississippian Warsaw**  
 Interval (4549' – 4563') Anchor Length 14'  
 IHP    – 2313 #  
 IFP    – 30" – Surface blow died in 28 min      26-30 #  
 ISI    – 30" – No blow back      317 #  
 FFP    – 10" – No blow      32-32 #  
 FHP    – 2332 #  
 BHT    – 121°F

Recovery:    5'      Mud w/oil spots

**Structural Comparison**

	American Warrior, Inc. LaForce #2-31 Sec. 31 T21s R24w 2200' FNL & 1100' FEL	American Warrior, Inc. LaForce #1-31 Sec. 31 T21s R24w 950' FNL & 597' FEL		Beardmore Oil, Co. Wright 'B' #3 Sec. 31 T21s R24w 1949' FNL & 2085' FEL	
<b>Formation</b>					
Anhydrite	1627', +790	1611', +777	(+13)	1590', +790	flat
Base	1653', +754	1647', +741	(+13)	1622', +758	(-2)
Heebner	3861', -1444	3831', -1443	(-1)	3819', -1439	(-5)
Lansing	3913', -1496	3882', -1494	(-2)	3871', -1491	(-5)
Stark	4186', -1769	4155', -1767	(-2)	4147', -1767	(-2)
BKc	4285', -1868	4252', -1864	(-4)	4251', -1871	(+3)
Marmaton	4311', -1894	4276', -1888	(-6)	4280', -1900	(+6)
Pawnee	4402', -1985	4367', -1979	(-6)	4369', -1989	(+4)
Fort Scott	4436', -2019	4400', -2012	(-7)	4403', -2023	(+4)
Cherokee	4461', -2044	4427', -2039	(-5)	4429', -2049	(+5)
Mississippian	4538', -2121	4498', -2110	(-11)	4512', -2132	(+11)
Osage	4588', -2171	4537', -2149	(-12)	4555', -2175	(+4)
LTD	4673', -2256				

## **Summary**

The location for the LaForce #2-31 well was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Two drill stem tests were conducted, both of which were negative. After all gathered data had been examined the decision was made to plug and abandon the LaForce #2-31 well.

**Respectfully Submitted,**

**Harley K. Sayles  
American Warrior Inc.**