



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1310049  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1310049

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<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 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 <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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CHARGE TO: American Warrior  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET 29218

PAGE 1 OF 1

SERVICE LOCATIONS 1. Ness City KS WELL/PROJECT NO. 1-26 LEASE Nairn COUNTY/PARISH Stanton STATE KS CITY Johnson DATE may 25 16 OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.  
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Cement deep surface pipe WELL PERMIT NO. WELL LOCATION 26-28-41  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			U/M				
575		1			MILEAGE	120	mi		5.00	600.00	
576D		1			Pump Charge	1	ea		1250.00	1250.00	
409		1			Turbolizer	8 7/8	in	2	ea	95.00	190.00
410		1			Top Plug	8 7/8	in	1	ea	120.00	120.00
412		1			Baffle Plate	8 7/8	in	1	ea	110.00	110.00
330		1			SMD cement	650	sk		15.75	10237.50	
276		1			flocele	150	lb		2.25	337.50	
290		1			D'AR	3	gal		42.00	126.00	
221		1			KCL liquid	2	gal		25.00	50.00	
		1			Service charge	650	sk			975.00	
		1			Drayage	4681	lb	3880.89	TM	2910.67	

**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.  
21 40

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	16906.67
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	18170.92

Stanton County TAX 15%

**JOB LOG**

**SWIFT Services, Inc.**

DATE 25 APR 16 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 1-26 LEASE Nairn JOB TYPE Cement cap surface TICKET NO. 29218

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								650 sk SMD cement w/ 1/4" Flacela 8 5/8" 24" casing 41jts 1745' Sheet 4225'
	1600							on loc TRK 114
	1730							start 8 5/8" casing in well
	1930							circulate well
	1955	4	20				200	Pump 20 bbl KCL flush
	2000	5 1/2	67				200	Mix SMD cement 150 sk @ 11.8 ppg
		5 1/2	170				200	Mix SMD cement 300 sk @ 12.5 ppg
		5 1/2	221				200	Mix SMD cement 100 sk @ 13.5 ppg
		5 1/2	250				200	Mix SMD cement 100 sk @ 14.5 ppg
								650 sk total
	2045							Release plug
		6					200	Displace plug Cement to surface
		6	95				400	{ 60 sk to pit }
	2115	6	108				1200	Kickout - shot in 8 5/8" - collar standing fall of cement -
	2120							wash truck Rack up
	2155							job complete Thanks Blaine, Flint, Preston & John



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

TICKET 29222

PAGE 1 OF 7

1. SERVICE LOCATIONS: Ness City, KS  
 WELL/PROJECT NO: 1-26  
 LEASE: Marin  
 COUNTY/PARISH: stanton  
 STATE: KS  
 CITY: Johnson City  
 DATE: 1 Jun 16  
 OWNER:  
 2. TICKET TYPE:  SERVICE  SALES  
 CONTRACTOR:  
 RIG NAME/NO.:  
 SHIPPED VIA: CT  
 DELIVERED TO: Location  
 ORDER NO.:  
 3. WELL TYPE: oil  
 WELL CATEGORY: PTA  
 JOB PURPOSE: Plug to Abandon  
 WELL PERMIT NO.:  
 WELL LOCATION: 26-28-41  
 4. REFERRAL LOCATION:  
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE TRK 114	120	mi			5.00	600.00	
576P		1			Pump Charge	1	ea			800.00	800.00	
323-4		1			60/40 pozmix (40%gel)	160	sk			10.25	1640.00	
290		1			D-AIR	2	gal			42.00	84.00	
581		1			Service charge	160	sk			1.50	240.00	
583		1			Drayage	13412	16	804.72	TM	0.75	603.54	

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: 2020

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	3967.54
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	4205.11

Stanton County Tax 7.5% 297.57

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

SWIFT OPERATOR: APPROVAL:

*[Signature]*

Thank You!

160 sk 60/40 pozmix (4% gel)  
 4 1/2" Drillpipe 8 1/2" to 17 1/2"

on loc TRK 114

250 1st plug 50 sk - 1770' @ 13.1 ppg  
 Displace H2O  
 pull to 590'

2nd plug 40 sk - 590' @ 13.1 ppg  
 Displace H2O  
 pull to 60'

3rd plug 20 sk - 60' @ 13.1 ppg  
 Plg R4 30 sk  
 H4 20 sk

160 sk total

Used truck

Rec'd up

job complete

Thanks

Blaine, Flint, & Preston

1705 1743 1912 1940 1950 2000 2020

13 16 11 4

# **Geological Report**

American Warrior, Inc.

## **Nairn #1-26**

1859' FSL & 1942' FWL

Sec. 26, T28s, R41w

Stanton County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Nairn #1-26  
1859' FSL & 1942' FWL  
Sec. 26, T28s, R41w  
Stanton County, Kansas  
API # 15-187-21328-00-00

Drilling Contractor: Duke Drilling Co. Rig #1

Geologist: Kevin Timson

Spud Date: May 24, 2016

Completion Date: June 2, 2016

Elevation 3354' G.L.  
3366' K.B.

Directions: From the NW side of Johnson City, KS, at the intersection of Hwy 27 and Rd 12. Go West on Rd 12 one mile. Go North 1/2 mile and East into.

Casing: 1745' 8 5/8" #24 Surface Casing

Samples: 5500' to RTD Kelly Down Wet

Drilling Time: None

Electric Logs: Pioneer Energy Services "J. Long"  
Stacked-Micro

Drillstem Tests: None

Problems: Loggers hit bridge at 4960'



## Formation Tops

Nairn #1-26

Sec. 25, T28s, R41w

1859' FSL & 1942' FWL

Heebner	3704' -338
Lansing	3762' -396
Bkc	4356' -990
Marmaton	4392' -1026
Cherokee	4564' -1198
Morrow	5102' -1736
St. Gen	5484' -2118
RTD	5650' -2284
LTD	5654' -2288

## Sample Zone Descriptions

**Upper Keyes (5373', -2007): No DST**

Ss. Off white/clear. Glauconitic. Medium to coarse grain. Fair to well cementation. Well rounded. Poor to fair sorted. No stain. No saturation. No odor.

## Structural Comparison

	American Warrior, Inc. Nairn #1-26 Sec. 26, T28s, R41w 1859' FSL & 1942' FWL		J M Huber Corp Nairn #26-1 Sec. 26, T28s, R41w 2000' FSL & 3180' FEL		J M Huber Corp Nairn #26-2 Sec 26, T28s, R41w 2970' FSL & 3130' FEL
<b>Formation</b>					
Heebner	3704' -338	-3	3710' -335	+10	3715' -348
Lansing	3762' -396	+3	3774' -399	+11	3774' -407
BKC	4356' -990	NA	NA	NA	NA
Marmaton	4392' -1026	-31	4370' -995	+7	4400' -1033
Cherokee	4564' -1198	-10	4563' -1188	+18	5583' -1216
Morrow	5102' -1736	-13	5098' -1723	+22	5125' -1758
St. Gen	5484' -2118	+120	5613' -2238	+51	5536' -2169

### Summary

The location for the Nairn #1-26 well was found via 3-D seismic survey. The new well ran structurally as expected. After all the gathered data had been examined, the decision was made to plug and abandon the Nairn #1-26 well.

Respectfully Submitted,

Kevin Timson  
American Warrior, Inc.

