



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1163114  
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: \_\_\_\_\_

1163114

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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# ALLIED OIL & GAS SERVICES, LLC 059227

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Buckley Drill  
Crown Beauty  
1-1-13

DATE <u>1-1-13</u>	SEC <u>7.6</u>	TWP <u>19.5</u>	RANGE <u>09W</u>	CALLED OUT	ON LOCATION <u>6:00AM</u>	JOB START <u>2:00AM</u>	JOB FINISH <u>3:00AM</u>
LEASE <u>Buckley</u>	WELL # <u>2611</u>	WELL # <u>1-18</u>	LOCATION <u>Chase N rd Rd D</u>	COUNTY <u>Rice</u>	STATE <u>KS</u>		
OLD OR (NEW) (Circle one)			<u>1st 1/2 N E 1st</u>				

CONTRACTOR <u>Duke Dalling #8</u>	OWNER
TYPE OF JOB <u>54r Seal</u>	
HOLE SIZE <u>12 1/4</u>	T.D.
CASING SIZE <u>4 5/8</u>	DEPTH <u>326.25</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15 FT</u>	
PERFS.	
DISPLACEMENT <u>19.62 bbls</u>	
EQUIPMENT	

CEMENT	
AMOUNT ORDERED <u>225 sks class A</u>	
<u>24 cc Zyn gel</u>	

PUMP TRUCK # <u>366</u>	CEMENTER <u>Dustin Chambers</u>
	HELPER <u>Josh Isaac</u>
BULK TRUCK # <u>314170</u>	DRIVER <u>Kevin Weighous</u>
BULK TRUCK #	DRIVER

COMMON	<u>225</u>	@ <u>17.90</u>	<u>4027.50</u>
POZMIX		@	
GEL	<u>4</u>	@ <u>23.40</u>	<u>93.60</u>
CHLORIDE	<u>8</u>	@ <u>64.00</u>	<u>512.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>243.20</u>	@ <u>2.48</u>	<u>603.20</u>
MILEAGE	<u>11.1 X 25 X</u>	<u>2.40</u>	<u>221.20</u>
			TOTAL <u>5.957.20</u>

REMARKS:  
Break circulation with 400 lbs  
pour 5 bbls Freshwater ahead  
with 225 sks class A 24 cc Zyn gel  
show down & Release plug  
Displace = 19.62 bbls Freshwater  
behind D.I. circulation  
plug down 2:45 AM 1-1-13  
plug down 8hr wait etc

CHARGE TO: American Warrior Eng.  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

277.5

SERVICE	
DEPTH OF JOB	<u>326</u>
PUMP TRUCK CHARGE	<u>1572.25</u>
EXTRA FOOTAGE	@
MILEAGE	<u>NUM 25 @ 7.70</u> <u>192.50</u>
MANIFOLD	@
	<u>LUM 25 @ 4.40</u> <u>110.00</u>
	@
TOTAL <u>1.814.25</u>	

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 Y Stock Stephens  
SIGNATURE [Signature]  
Thank You!

PLUG & FLOAT EQUIPMENT	
	@
	@
	@
	@
	@
	@
TOTAL _____	
SALES TAX (If Any)	<u>338.21</u>
TOTAL CHARGES	<u>7.772.45</u>
DISCOUNT	<u>25% 1.943.20</u>
	IF PAID IN 30 DAYS
<u>5.829.25</u>	

**JAMES C. MUSGROVE**

Petroleum Geologist  
212 Main Street  
P.O. Box 215  
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

American Warrior Inc.  
Buckley-Doll #1-18  
2530' FNL & 807' FWL  
Section 18-19s-9w  
Rice County, Kansas  
Page 1

**5 1/2" Production Casing Set**

**Contractor:** Duke Drilling Co. (Rig #8)  
**Commenced:** January 2, 2013  
**Completed:** January 9, 2013  
**Elevation:** 1748' K.B; 1746' D.F; 1740' G.L.  
**Casing program:** Surface; 8 5/8" @ 326'  
Production; 5 1/2" @ 3383'  
**Sample:** Samples saved and examined 2600' to the Rotary Total Depth.  
**Drilling time:** One (1) foot drilling time recorded and kept 2600 ft. to the Rotary Total Depth.  
**Measurements:** All depths measured from the Kelly Bushing.  
**Drill Stem Tests:** There were two (2) Drill Stem Tests ran by Trilobite Testing Co.  
**Electric Log:** By Pioneer Energy Services; Dual Induction, Compensated Neutron/Density and Microlog.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	399	+1349
Base Anhydrite	413	+1335
Heebner	2776	-1028
Toronto	2798	-1050
Douglas	2809	-1061
Douglas Sand	2810	-1062
Brown Lime	2901	-1153
Lansing	2931	-1183
Base Kansas City	3217	-1469
Conglomerate	3229	-1481
Arbuckle	3267	-1519
Rotary Total Depth	3384	-1636
Log Total Depth	3366	-1618

(All tops and zones corrected to Electric Log measurements).

**SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.**

**TORONTO SECTION**

2798-2808' Limestone; gray, brown, finely crystalline, dolomitic, poor porosity, no shows.

**DOUGLAS SECTION**

2809-2823' Sand; gray, grayish green, very fine grained, micaceous, friable, scattered porosity, trace poor light brown stain, show of free oil and no odor in fresh samples.

**LANSING SECTION**

- 2931-2948' Limestone; white, brown, finely crystalline, fossiliferous, chalky, poor porosity, trace poor stain, no free oil and no odor.
- 2950-2955' Limestone; white, gray, finely crystalline, fossiliferous, chalky, no shows.
- 2970-2975' Limestone; white/gray, finely crystalline, sub oomoldic, few oolitic, brown stain, trace of free oil and no odor.
- 2985-3000' Limestone; as above, fair to good odor in fresh samples.
- 3018-3034' Limestone; gray, white, oomoldic, good oomoldic porosity, trace brown and golden brown stain, show of free oil and fair to good odor in fresh samples.
- 3071-3079' Limestone; white, gray, finely crystalline, few fossiliferous, chalky, poor visible porosity, questionable stain, no show of free oil and faint to fair odor in fresh samples.
- 3090-3095' Limestone; white, fossiliferous, oolitic, chalky, trace brown stain, trace of free oil and odor in fresh samples.
- 3114-3128' Limestone; tan, oomoldic, good oomoldic porosity, trace brown stain, show of free oil and faint odor in fresh samples.
- 3150-3160' Limestone; white, gray, fossiliferous, oolitic, chalky, scattered porosity, no shows.
- 3185-3194' Limestone; white, gray, fossiliferous, chalky, questionable stain, no free oil and no odor in fresh samples.

**ARBUCKLE SECTION**

3266-3276' Dolomite; tan, brown, finely crystalline, sucrosic in part, poor visible porosity, trace poor stain, weak show of free oil and faint odor in fresh samples.

**Drill Stem Test #1** **3210-3276'**

Times: 30-30-45-45

Blow: Weak

Recovery: 5' oil spotted mud

Pressures: ISIP 216 psi  
FSIP 102 psi  
IFP 17-19 psi  
FFP 18-19 psi  
HSH 1563-1570 psi

3276-3284' Dolomite; tan, brown, finely crystalline, sucrosic, scattered porosity, brown stain, show of free oil and odor in fresh samples.

Drill Stem Test #2 3274-3284'

Times: 30-30-45-45

Blow: Strong

Recovery: 196' gassy oil  
186' slightly mud cut gassy oil  
(10% gas, 85% oil, 5% mud)  
62' gas and mud cut watery oil  
(10% gas, 60% oil, 25% water, 50% mud)

Pressures: ISIP 472 psi  
FSIP 465 psi  
IFP 43-133 psi  
FFP 136-233 psi  
HSH 1630-1534 psi

3284-3300' Dolomite; tan, brown, fine and medium crystalline, fair to good intercrystalline and vuggy porosity, light brown stain, show of free oil and faint odor.

3300-3320' Dolomite; as above, good vuggy porosity, brown and golden brown stain, show of free oil and odor in fresh samples.

3320-3350' Dolomite; as above, plus gray and white, oolitic chert, dolomite, as above, plus tan, finely crystalline, dense, no shows.

3350-3384' Dolomite; gray, white, tan, finely crystalline, sandy, slug white/gray opaque chert, plus iron pyrite.

Rotary Total Depth 3384  
Log Total Depth 3366

**Recommendations:**

5 1/2" production casing was set and cemented on the Buckley-Doll #1-18.

Respectfully submitted;

*James C. Musgrove* & *Wyatt Urban*  
James C. Musgrove and  
Wyatt Urban,  
Petroleum Geologists



CHARGE TO: American Warrior Inc  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET  
 N<sup>o</sup> 23034

PAGE 1 OF 2

SERVICE LOCATIONS  
 1. Hays, Ks.  
 2. Ness City, Ks.  
 3. \_\_\_\_\_  
 4. \_\_\_\_\_

WELL/PROJECT NO. #1-18 LEASE Buckley-Doll COUNTY/PARISH Rice STATE Ks CITY \_\_\_\_\_ DATE 1-10-13 OWNER Same

TICKET TYPE  SERVICE  SALES CONTRACTOR Duke Drlg #8 RIG NAME/NO. \_\_\_\_\_ SHIPPED VIA ET DELIVERED TO Location ORDER NO. \_\_\_\_\_

WELL TYPE oil WELL CATEGORY development JOB PURPOSE longstring WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION \_\_\_\_\_

REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #111	70		mi		6 <sup>00</sup>	420 <sup>00</sup>
578		1			Pump Charge (Longstring)	1		ea	3384'	1500 <sup>00</sup>	1500 <sup>00</sup>
221		1			KCL	2		gal		25 <sup>00</sup>	50 <sup>00</sup>
281		1			Mud Flush	500		gal		1 <sup>25</sup>	625 <sup>00</sup>
290		1			D-Air	2		gal		35 <sup>00</sup>	70 <sup>00</sup>
402		1			Centralizers	6		ea	5 1/2"	70 <sup>00</sup>	420 <sup>00</sup>
403		1			Basket	1		ea		250 <sup>00</sup>	250 <sup>00</sup>
406		1			LD Plug & Baffle	1		ea		250 <sup>00</sup>	250 <sup>00</sup>
407		1			Insert Float Shoe w/ fill	1		ea		350 <sup>00</sup>	350 <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 [Signature]  
 DATE SIGNED 1-10-13 TIME SIGNED 0705  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?				PAGE TOTAL 1 3935 <sup>00</sup>
WE UNDERSTOOD AND MET YOUR NEEDS?				page 2 4882 <sup>50</sup>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal 8827 <sup>50</sup>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Rice TAX 7.3% 431 <sup>16</sup>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 9248 <sup>16</sup>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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

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

Thank You!



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

TICKET CONTINUATION

TICKET No. 23034

CUSTOMER American Warrior Inc WELL #1-18 Buckley-Doll DATE 1-10-73 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	U/M	QTY.	U/M			
325		2				Standard Cement	175	sk			13.50	2362	50
276		2				Flocele	50	#	34	#/sk	2.00	100	00
283		2				Salt	900	#	10	%	.20	180	00
284		2				Calseal	8	sk	5	%	35.00	280	00
282		2				Halad-322	125	#	34	%	7.75	968	75
581		2				SERVICE CHARGE	175	sk			2.00	350	00
583		2				MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES			1.00	641	25
							18325	70	641.25				

CONTINUATION TOTAL 4882.50



JOB LOG

SWIFT Services, Inc.

DATE 1-10-13 PAGE NO. 1

CUSTOMER American Warrior Inc WELL NO. # 1-18 LEASE Buckley-Dell JOB TYPE Longstring TICKET NO. 23034

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0300							07 loc su/FE
								RTD 3384'
								5 1/2" x 14# x 3381' x 23'
								Cent. 2, 5, 7, 9, 11, 13
								Back 4
	0330							Start FE
	0500							Break Circ.
	0605	2.5	7/4					Plug RH+MH 30/15 sks EA-2
	0615	5	0			200		Start 500 gal Mud flush
	0617	5	12/0			200		Start 20 bbl KCL flush
	0621	5	20/0			200		Start 130 sks EA-2 Cement
	0627		32					End Cement
								Wash P+L
								Dr-P & D, Plug
	0630	6	0			200		Start Displacement
	0640	5	58			250		Catch Cement
	0645		82			650/1500		Land Plug
								Release Pressure
								Float Held

Thank you  
Nick, David E. &



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc.  
 PO Box 399  
 Garden City KS 67846  
 ATTN: Jim Musgrove

**18-19S-9W Rice**  
**Buckley-Doll 1-18**  
 Job Ticket: 49647 **DST#: 2**  
 Test Start: 2013.01.08 @ 23:17:48

## GENERAL INFORMATION:

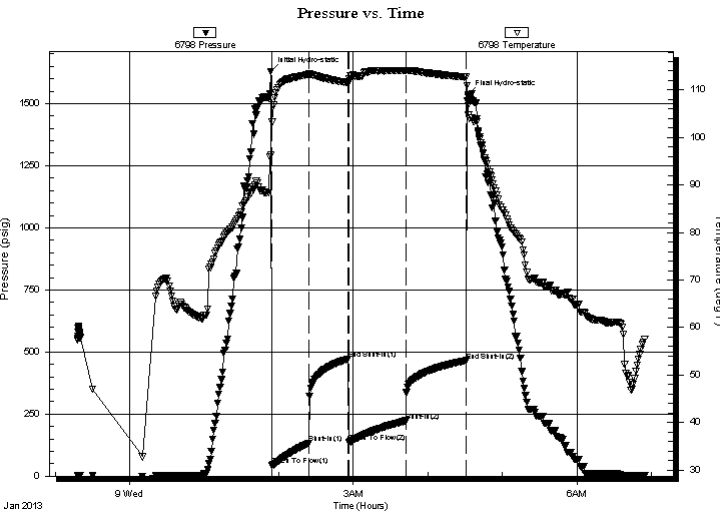
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 01:54:33 Tester: Leal Cason  
 Time Test Ended: 06:54:33 Unit No: 45  
 Interval: **3274.00 ft (KB) To 3284.00 ft (KB) (TVD)** Reference Elevations: 1750.00 ft (KB)  
 Total Depth: 3284.00 ft (KB) (TVD) 1742.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

## Serial #: 6798

Inside

Press @ Run Depth: 222.72 psig @ 3275.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.01.08 End Date: 2013.01.09 Last Calib.: 2013.01.09  
 Start Time: 23:17:49 End Time: 06:54:33 Time On Btm: 2013.01.09 @ 01:53:33  
 Time Off Btm: 2013.01.09 @ 04:32:18

**TEST COMMENT:** IF: Fair Blow , BOB in 14 minutes  
 IS: Weak Surface Blow Back  
 FF: Fair Blow , Built to 7 1/2 inches  
 FS: Weak Surface Blow Back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1630.02	96.30	Initial Hydro-static
1	43.04	103.27	Open To Flow (1)
31	133.32	113.30	Shut-In(1)
63	471.93	111.53	End Shut-In(1)
63	136.00	111.66	Open To Flow (2)
109	222.72	114.10	Shut-In(2)
157	464.94	112.74	End Shut-In(2)
159	1534.52	106.71	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	Water	1.74
62.00	GMWCO 10%G 5%M 25%W 60% O	0.87
186.00	GMCO 10%G 5%M 85%O	2.61
196.00	Gassy Oil 15%G 85%O	2.75

\* 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.  
PO Box 399  
Garden City KS 67846  
ATTN: Jim Musgrove

**18-19S-9W Rice**  
**Buckley-Doll 1-18**  
Job Ticket: 49647      **DST#: 2**  
Test Start: 2013.01.08 @ 23:17:48

## Mud and Cushion Information

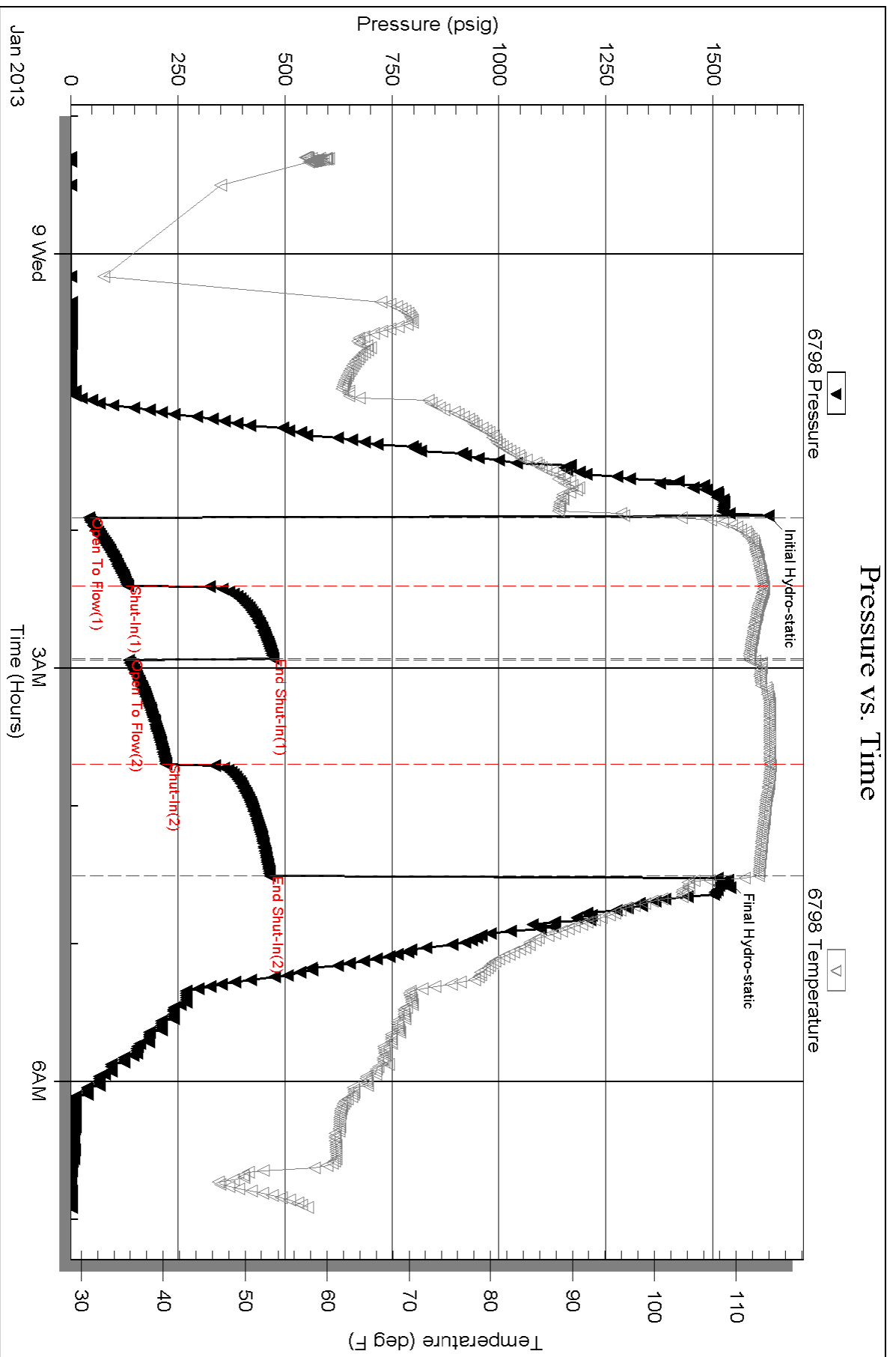
Mud Type: Gel Chem	Cushion Type:	Oil API: 48.4 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 26000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6500.00 ppm		
Filter Cake: 0.02 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	Water	1.739
62.00	GMWCO 10%G 5%M 25%W 60% O	0.870
186.00	GMCO 10%G 5%M 85%O	2.609
196.00	Gassy Oil 15%G 85%O	2.749

Total Length: 568.00 ft      Total Volume: 7.967 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: Gravity Was 47.2 @ 48 degrees  
                                  RW was .45 @ 42 degrees



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 15, 2013

Kevin Wiles SR.  
American Warrior, Inc.  
3118 Cummings Rd  
PO BOX 399  
GARDEN CITY, KS 67846

Re: ACO1  
API 15-159-22739-00-00  
Buckley-Doll 2-18 restake  
NW/4 Sec.18-19S-09W  
Rice County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Kevin Wiles SR.

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

December 13, 2013

Kevin Wiles SR.  
American Warrior, Inc.  
3118 Cummings Rd  
PO BOX 399  
GARDEN CITY, KS 67846

Re: ACO-1  
API 15-159-22739-00-00  
Buckley-Doll 2-18 restake  
NW/4 Sec.18-19S-09W  
Rice County, Kansas

Dear Kevin Wiles SR.:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 05/17/2013 and the ACO-1 was received on October 15, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department