



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1170174  
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: \_\_\_\_\_



1170174

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# ALLIED OIL & GAS SERVICES, LLC 054818

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Russell KS

DATE <u>10-31-13</u>	SEC <u>34</u>	TWP <u>9</u>	RANGE <u>21</u>	CALLED OUT	ON LOCATION	JOB START <u>5:30am</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Dec years - Kuchol</u>		WELL # <u>1-34SWD</u>		LOCATION <u>Palco KS 15.5W 1/2 S E into</u>		COUNTY <u>Graham</u>	STATE <u>KS</u>
<input checked="" type="checkbox"/> OLD OR NEW (Circle one)							

CONTRACTOR Express  
 TYPE OF JOB squeezec  
 HOLE SIZE \_\_\_\_\_ TD. \_\_\_\_\_  
 CASING SIZE 5 1/2 14" DEPTH \_\_\_\_\_  
 TUBING SIZE 2 3/8 DEPTH 3797  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Packer DEPTH 3797  
 PRES. MAX 2500 MINIMUM 400  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. 3897 to 3893  
 DISPLACEMENT \_\_\_\_\_

OWNER Used 50stk 10" FI-10  
 CEMENT AMOUNT ORDERED 100 com 20" FI-10  
 COMMON 50 @ 17.90 895.00  
 POZMIX @ \_\_\_\_\_  
 GEL @ \_\_\_\_\_  
 CHLORIDE @ \_\_\_\_\_  
 ASC @ \_\_\_\_\_  
FI-10 10" @ 16.60 166.00  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 HANDLING 100.54 @ 2.48 249.54  
 MILEAGE 202.53 @ 2.60 526.58  
 TOTAL 1886.92

EQUIPMENT

PUMP TRUCK CEMENTER Robert Y  
 # 417 HELPER Woody O  
 BULK TRUCK  
 # 378 DRIVER Jesse C  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

put 400# on FS took rate 260/min 1400#  
mix FI-10 in 466l of water mixed 50stk  
com first 25 with FI-10 water displaced  
17 bbl and squeezed to 2000# 1/2 14"  
putting 17stk in formation wish clean in  
88 bbl of water pull 2jts pressure up to  
300# shot in

Thank you!!

SERVICE

DEPTH OF JOB 3797  
 PUMP TRUCK CHARGE 2600.47  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 43 @ 7.70 331.10  
 MANIFOLD @ \_\_\_\_\_  
43 @ 4.40 189.20  
 @ \_\_\_\_\_  
 TOTAL 3120.77

CHARGE TO: Spiral  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL 0

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.

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 4957.69  
 DISCOUNT 991.54 IF PAID IN 30 DAYS  
net \$ 3966.15

PRINTED NAME \_\_\_\_\_  
 SIGNATURE Tom Bevan





**JOB LOG**

**SWIFT Services, Inc.**

DATE 3-19-07 PAGE NO. 1

CUSTOMER American Warrior

WELL NO. 1-34

LEASE Deyong-Ruehl

JOB TYPE Long String

TICKET NO. 11447

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0550							on loc. Rig laying down D.P.
	0650							Start in hole with 5 1/2" Csg.
								Insert Float Shoe
								Latch down Baffle
								Cent. on #1, #3, #5, #7, #9, #11, #52
								Basket on #53
	0810							Part Collar #53 @ 1752'
	0820							Drop Ball
	0850							Circulate
	0900		12					Plug Mouse Hole & Rat Hole
			20					Pump 500gal Mud Flush
								20" #8 HCL Flush
	0925		36					Mix 150sk EA-2
								Finished mixing
								wash out pump line
	0945		96.6			1500		Displace latch down plug
								Plug down 1500psi building
								Release press. Float held
								wash and rack up truck
								Job Complete

RECEIVED  
KANSAS CORPORATION COMMISSION

Thank You JUN 08 2007

CONSERVATION DIVISION  
WICHITA, KS

Ray, Dan, John, Rob



CHARGE TO: *American Warrior Inc*

ADDRESS

CITY, STATE, ZIP CODE

TICKET

№ 11475

PAGE 1 OF 1

WELL/PROJECT NO. *#1-39* COUNTY/PARISH *Ci-raban* STATE *Ks* DATE *4-4-07* OWNER *Sam*

TICKET TYPE  SERVICE CONTRACTOR *Delaney-Kehal* RIG NAME/NO. *5902*

SALES *Express Well Service* JOB PURPOSE *Cement Port Collar*

WELL TYPE *oil* DEVELOPMENT *Cement Port Collar* DELIVERED TO *location* WELL PERMIT NO.

WELL LOCATION

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1			40	mi			4.00	160.00
578		1		MILEAGE #103 Pump Charge (Port Collar)	1.00				1250.00	1250.00
330		2		SMD Cement	150	cks			14.00	2100.00
226		2		Floccs	40	pk			1.00	40.00
581		2		Cement Service Charge	175	shs			1.10	192.50
583		2		Drayage	342.8	TM			1.10	377.08

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]* TIME SIGNED *0945*

DATE SIGNED *4-4-07*

REMIT PAYMENT TO:

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

SURVEY

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?  YES  NO

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?  YES  NO

AGREE UN-DECIDED DIS-AGREE

PAGE TOTAL 4095 46

Graham TAX 5.55%

TOTAL 4214 79

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

APPROVAL *[Signature]*

SWIFT OPERATOR

CUSTOMER DID NOT WISH TO RESPOND

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

**JOB LOG**

**SWIFT Services, Inc.**

DATE 3-19-07 PAGE NO. 1

CUSTOMER American Warrior WELL NO. 1-34 LEASE Deynag-Ruehnl JOB TYPE Long String TICKET NO. 11447

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0550							on loc. Rig laying down D.P.
	0650							Start in hole with 5 1/2" Cog.
								Insert Float Shoe
								Latch down Baffle
								Cent. on #1, #3, #5, #7, #9, #11, #52
								Basket on #53
	0810							Port Collar #53 @ 1752'
	0820							Drop Ball
	0850							Circulate
	0900		12					Plug Mouse Hole & Rat Hole
			20					Pump 500 gal Mud Flush
								20" #8 KCL Flush
								Mix 150 sks EA-2
	0925		36					Finished mixing
								wash out pump line
	0945		96.6				1500	Displace latch down plug
								Plug down 1500 psi backing
								Release press. Float held
								wash and rack up track
								Job Complete

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 JUN 08 2007  
 CONSERVATION DIVISION  
 WICHITA, KS

Thank You  
 Roger, Don, John, Rob

# ALLIED CEMENTING CO., INC.

33093

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

SERVICE POINT:

Russell

DATE <u>3-13-07</u>	SEC. <u>34</u>	TWP. <u>9S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>8:00pm</u>	JOB START <u>8:45pm</u>	JOB FINISH <u>9:15pm</u>
LEASE <u>Dehans Kuehnl</u>	WELL # <u>1-34</u>	LOCATION <u>1 W Church of (w) 1/2 S 1/2 E</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>Into</u>			

CONTRACTOR Discovery #1

TYPE OF JOB Surface Job

HOLE SIZE \_\_\_\_\_ T.D. 212

CASING SIZE 8 5/8 23ft DEPTH 211.00

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

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

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

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

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

CEMENT LEFT IN CSG. 15'

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

DISPLACEMENT 12 1/2 Bk

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Craig

# 409 HELPER Adrian

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

# 345 DRIVER Doug

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

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

REMARKS:  
Cement Circulated!

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 150 com 30% cc 2% gel

COMMON	<u>150</u>	@	<u>10.65</u>	<u>1597.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>5</u>	@	<u>46.60</u>	<u>233.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>1.90</u>	<u>285.00</u>
MILEAGE	<u>94/SK</u>	MILE		<u>853.20</u>
TOTAL				<u>3033.65</u>

SERVICE

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

PUMP TRUCK CHARGE \_\_\_\_\_ 815.00

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

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 08 2007

CONSERVATION DIVISION  
WICHITA, KS

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

November 25, 2013

Ron Amini  
Spiral Energy Corp  
300 N MARIENFELD  
MIDLAND, TX 79701

Re: ACO1  
API 15-065-23288-00-01  
DeYoung/Kuehnl 1-34  
NW/4 Sec.34-09S-21W  
Graham 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,  
Ron Amini