



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1185068  
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: \_\_\_\_\_

1185068

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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Form	ACO1 - Well Completion
Operator	Tri United, Inc
Well Name	STREMEL 3
Doc ID	1185068

Tops

Name	Top	Datum
anhydrite	1159	+840
B- Anhydrite	1188	+811
Topeka	2966	-967
Heebner	3230	-1231
Toronto	3250	-1251
LKC	3278	-1279
BKC	3506	-1507
Arbuckle	3579	-1580
RTD	3830	-1831

# ALLIED OIL & GAS SERVICES, LLC 054803

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell Great Bend

API # 15-051-26584

DATE <u>10-8-13</u>	SEC. <u>23</u>	TWP. <u>15</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION <u>1:00 pm</u>	JOB START <u>6:30 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>Stream 1</u>		WELL # <u>3</u>		LOCATION <u>Hays KS 9S 1E 1/4S Einto</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Shields  
 TYPE OF JOB long string  
 HOLE SIZE 7 7/8 T.D. 3830  
 CASING SIZE 5 1/2 15.5 DEPTH 3808  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 14.5  
 CEMENT LEFT IN CSG. 14.5  
 PERFS.  
 DISPLACEMENT 90.49 bbl

OWNER  
 CEMENT AMOUNT ORDERED 185 ASC  
12 bbl Mud Flush 500gal  
 COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC 185 @ 20.90 3866.5  
mud flush 12.661 @ 58.70 704.40  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING 220.38 5.73 @ 2.48 546.54  
 MILEAGE 99.5 1/2 @ 2.60 258.70

**EQUIPMENT**

PUMP TRUCK CEMENTER Robert Yakubovich  
 # 577 HELPER Mike Scathorn  
 BULK TRUCK Charles Einyon  
 # 603 DRIVER Don Casper  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

run 88 jts of 5 1/2 15.5 csg receive circulation  
mix 30 sks in Rathole, 15 sks in Mause hole  
pump 10 bbl water 12 bbl mud flush and  
140 sks Asc down hole displace 90 1/4  
bbl of water, lead plug at 1130 #

TOTAL ~~46717.4~~  
5376.14

**SERVICE**

DEPTH OF JOB 3830  
 PUMP TRUCK CHARGE 2558.75  
 EXTRA FOOTAGE @  
 MILEAGE 10 HVMI @ 7.70 77.00  
 MANIFOLD @  
10 LVMI @ 4.40 44.00  
 @

TOTAL 2679.75

CHARGE TO: Tri United  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

From Russell  
5lb Guide Shoe @ 118.75 118.75  
AFU Insert @ 171.80 171.80  
Tap Rubber plug @ 51.25 51.25  
5 Centrifizers @ 28.40 142.00  
 @

TOTAL 483.80

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 8539.69

DISCOUNT ~~470.70~~ 1611.18 IF PAID IN 30 DAYS

\$ 6928.51

PRINTED NAME Eugene E. Eley

SIGNATURE Eugene E. Eley

# QUALITY WELL SERVICE, INC.

5955

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

OFFICE  
Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

API # 15-051-26584-00-00

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	10-3-13	Sec.	23	Twp.	15	Range	18	County	Ellis	State	KS	On Location	9:15 P.M	Finish	3:15 A.M
Lease	STREML		Well No. #3		Location HAYS KS S to HAYS MACK										
Contractor	SHields #1				Owner IE 1/2 S Einto										
Type Job	SURFACE				To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Hole Size	12 1/4		T.D. 1165'		Charge To Ter-United Inc										
Csg.	8 5/8 24"		Depth 1162'		Street										
Tbg. Size			Depth		City										
Tool			Depth		State										
Cement Left in Csg.			Shoe Joint 35.46		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line			Displace 73 Bbls		Cement Amount Ordered 450 sx Common										
<b>EQUIPMENT</b>												26 FEL 3% CC 1/4" CF			
Pumptrk	No.	8		MIKE		Common 450 sx									
Bulktrk	No.	5		CHAD		Poz. Mix									
Bulktrk	No.					Gel. 9 sx									
Pickup	No.			7000		Calcium 16 sx									
<b>JOB SERVICES &amp; REMARKS</b>												Hulls			
Rat Hole												Salt			
Mouse Hole												Flowseal 113"			
Centralizers												Kol-Seal			
Baskets												Mud CLR 48			
D/V or Port Collar												CFL-117 or CD110 CAF 38			
Run 31 #'s 8 5/8 24" csg												Sand			
Set @ 1162'												Handling 475			
												Mileage 10			
Hook up to csg & Break circ w/ris												8 5/8 <b>FLOAT EQUIPMENT</b>			
												Guide Shoe			
Mix & Pump 450x Common												Centralizer			
2% FEL 3% CC 1/4" CF @ 15#/GAL												Baskets			
												AFU Inserts 1 EA 8 5/8			
SHUT DOWN RELEASE 8 5/8 Rubber Plug												Float Shoe 1 EA TOP Rubber Plug			
												Latch Down			
Disp 73 Bbls total															
Plug down @ 3:00 800 #												LMV 10			
RELEASE & HELD												Pumptrk Charge SURFACE			
Good circ thru job												Mileage 10			
Circ CMT TO P.F															
Thanky TOM CHAD MIKE															
George Beagler															
Signature															
												Tax			
												Discount			
												Total Charge			

Geological Report

Tri United, Inc: Operator  
Stremel #3  
SW-NW-NW 23-15s-18w  
Ellis Co, Kansas  
API # 15-051-26584-00-00

Elevation: 1994 GL  
1999 KB

Field:  
Leiker Southeast

General: Contractor: Shields Drilling  
Commenced: 10-1-13  
TD Reached: 10-8-13  
RTD: 3830'

Casing Record: 8 5/8 set at 1162'  
450sks common Cement  
5 1/2 set at 3808'  
185 sks ASC Cement

Pertinent Data:

Zones Of Interest,

	<u>LOG TOPS (KB)</u>
Anhydrite	1159 +840
B-Anhydrite	1188 +811
Topeka	2966 -967
Heebner Shale	3230 -1231
Toronto	3250 -1251
LKC	3278 -1279
BKC	3506 -1507
Arbuckle	3579 -1580
RTD	3830 -1831

LKC

3302-3306 Limestone, crm-lt brn, fine crystalline, Vugular porosity, fair Saturation, Fair Odor with Free oil on Break.

3346-3351 Limestone, crm-lt Brn, fossiliferous with pin point porosity, Fair Staining, Lt Odor with Free Oil on Break.

3371-3375 Limestone, crm-Lt Brn, fine crystalline, fossiliferous, Chalky, slighty Saturated, Free Oil on Break.

continued

LKC

3412-3417 Limestone, crm-tan, fine crystalline, Lt staining to slight saturation, slight odor, Free oil on break.

Arbuckle

3579-3590 Dolomite, White, very clean, fine crystalline and rhombic, Good Odor, Good Saturation increasing in depth, good amount of oil on Break.

3632-3641 Dolomite, White-Tan, fine crystalline, Sucrosic Medium grain, Fair saturation, Slight Odor, free oil on Break.

Recomendation:

This well Being high to flat in the area, it was recommened to perforate the upper LKC zones. The Arbuckle ran Fairly Low for the area, but with the amount of oil in the samples and the favorable log, this should be opened before abandoment.

Respectfully Submitted,

*Eugene E. Leiker*  
Eugene E. Leiker