



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1080810  
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: \_\_\_\_\_

1080810

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 <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  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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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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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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  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 09, 2012

John Niernberger  
Ritchie Exploration, Inc.  
8100 E 22ND ST N # 700  
BOX 783188  
WICHITA, KS 67278-3188

Re: ACO1  
API 15-063-21966-00-00  
Joseph 2  
SE/4 Sec.30-13S-31W  
Gove 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,  
John Niernberger



**#2 Joseph**

335' FSL & 920' FEL  
 5'N & 70'E of SW SE SE Section 30-13S-31W  
 Gove County, Kansas  
 API# 15-063-21966-0000  
 Elevation: 2893' GL, 2903' KB

Sample Tops	Ref. Well
Anhydrite	+527 flat
B/Anhydrite	+504 flat
Heebner	-984 -2
Toronto	-1007 +1
Lansing	-1028 flat
Muncie Shale	-1178 flat
LKC "H"	-1191 +3
LKC "T"	-1223 +3
Stark Shale	-1264 +1
Hush	-1300 +1
BKC	-1344 -5
Marmaton	-1360 -2
Altamont	-1382 -8
Pawnee	-1462 -2
Myrick	-1500 -2
Fort Scott	-1517 -2
Cherokee Shale	-1543 +1
Johnson	-1585 +1
Base Johnson	-1612 -4
Morrow Sand	Absent
Mississippian	4532' -1629 -7
RTD	4660' -1757

P.O. Box 783188  
 Wichita, Kansas 67278-3188

(316) 691-9500  
 Fax (316) 691-9550  
[rei@ritchie-exp.com](mailto:rei@ritchie-exp.com)

8100 E. 22<sup>nd</sup> St. N., Bldg. 700  
 Wichita, Kansas 67226-2328

# ALLIED CEMENTING CO., LLC. 036171

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Darkley, KS*

DATE	12-12-12	SEC	30	TWP	13	RANGE	31	CALLED OUT		ON LOCATION	1/20am	JOB START	1:30am	JOB FINISH	2:00am
LEASE	Joseph	WELLS	2	LOCATION	Darkley, 115, 58, 65					COUNTY	Osage	STATE	KS		
OLD OR NEW (circle one)															

CONTRACTOR Murfin #14 OWNER Same

TYPE OF JOB 5 1/2" surface  
 HOLE SIZE 18 1/4" T.D. 237'  
 CASING SIZE 8 1/8" DEPTH 23290  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15 ft  
 PERCS. \_\_\_\_\_  
 DISPLACEMENT 14,96

CEMENT

AMOUNT ORDERED 175 sks 175 sks 3200

COMMON	175 sks	@	16.25	2843.75
POZMIX		@		
GEL	3200	@	21.25	6375
CHLORIDE	6300	@	58.20	34920
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	189 sks	@	2.25	414.00
MILEAGE	175 sk/mile	@		488.80
TOTAL				4023.50

EQUIPMENT

PUMP TRUCK CEMENTER LaRene  
 # 431 HELPER Darren  
 BULK TRUCK DRIVER Brondon  
 # 347  
 BULK TRUCK DRIVER \_\_\_\_\_  
 # \_\_\_\_\_

REMARKS:  
mix 175 sks down casing  
Displace with water  
Cement did circulate  
Frank yoc

CHARGE TO: Ritchie Exploration

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

SERVICE

DEPTH OF JOB	237.90'		
PUMP TRUCK CHARGE			1125.00
EXTRA FOOTAGE			
MILEAGE	20	@	9.00
MANIFOLD	2000 lbs	@	325.00
L.C. 2nd length	400	@	80.00
TOTAL			1620.00

SERVICE

DEPTH OF JOB	237.90'		
PUMP TRUCK CHARGE			1125.00
EXTRA FOOTAGE			
MILEAGE	20	@	9.00
MANIFOLD	2000 lbs	@	325.00
L.C. 2nd length	400	@	80.00
TOTAL			1620.00

PLUG & FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			

SALES TAX (if any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS \_\_\_\_\_

PRINTED NAME Greg Wilcox  
 SIGNATURE Greg Wilcox

# ALLIED CEMENTING CO., LLC. 034578

Federal Tax I.D.# 20-5975804

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

SERVICE POINT  
Oakley

DATE <u>2-6-12</u>	SEC. <u>30</u>	TWP. <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>12:00 Noo</u>	JOB START <u>4:30 PM</u>	JOB FINISH <u>5:30 PM</u>
LEASEE <u>Jensen</u>	WELL # <u>*2</u>	LOCATION <u>Oakley 11S-3E-6S-12 into</u>		COUNTRY <u>GO</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Murfin #14  
 TYPE OF JOB Production Port Collar  
 HOLE SIZE 7 7/8 T.D. 4660  
 CASING SIZE 5 1/2 DEPTH 4657  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL Port Collar DEPTH 2375  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 22  
 CEMENT LEFT IN CSG. 22  
 PERFS.  
 DISPLACEMENT 110.48 bbl  
 EQUIPMENT  
 PUMP TRUCK CEMENTER LaRene  
 # 431 HELPER Darren  
 BULK TRUCK DRIVER Ethan  
 # 347  
 BULK TRUCK DRIVER

OWNER Same

CEMENT  
 AMOUNT ORDERED 250 SKS ASC  
2% Gel 10% Salt 5 lbs Gilsonite  
1/2% C.D-31 500 gals WFR-2

COMMON @  
 POZMIX @  
 GEL 5 SKS @ \$21.35 \$ 106.25  
 CHLORIDE @  
 ASC 250 SKS. @ \$19.00 \$ 4750.00  
 Salt 23 SKS @ \$23.95 \$ 550.85  
 Gilsonite 1250 lbs @ \$0.89 \$ 1112.50  
 CD-31 59.1bs. @ \$9.35 \$ 551.65  
 WFR-2 500 gals @ \$1.27 \$ 635.00

HANDLING 318 SKS @ \$2.25 \$ 715.50  
 MILEAGE 114 SK Per Mile \$ 699.60  
 TOTAL \$ 9121.35

REMARKS:

Plug MH-20 SKS  
Plug RH-30 SKS  
Mix 200 SKS Down Casing  
Display with water  
Load Plug at 1750 lbs (Flat ~~at~~  
Pressure to 500 lb. block) (Did not hold)  
Thank You

SERVICE

DEPTH OF JOB 4657  
 PUMP TRUCK CHARGE 24.05  
 EXTRA FOOTAGE @  
 MILEAGE 20 @ 7.00 140.00  
 MANIFOLD Head @ 200.00  
 L.u.m Mileage @ 4.00 80.00  
 TOTAL \$ 2825.00

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CITY \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

"IR" - Port Collar \$ 2600.00  
"W" - Guide Shoe @ \$ 240.00  
AFU Insert @ \$ 286.00  
Top Rubber Plug @ \$ 73.00  
2-Turbolizers @ \$80.00 \$ 720.00  
5-Baskets @ \$337.00 \$ 1685.00  
 TOTAL \$ 5604.00

To Allied Cementing Co., 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 \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Thomas Atkins

SIGNATURE Thomas Atkins

*TA*

# ALLIED CEMENTING CO., LLC. 034584

Federal Tax I.D.# 20-5975804

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

SERVICE POINT

Oakley

DATE <u>2-10-12</u>	SEC <u>30</u>	TWP <u>13</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>11:00 Am</u>	JOB START <u>1:30 Pm</u>	JOB FINISH <u>2:00 Pm</u>
LEASE <u>Joseph</u> WELL # <u>2</u>				LOCATION <u>Oakley</u>	<u>11S-3E-5S W into</u>	COUNTY <u>Gove</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR Ultimate Well Service OWNER Same

TYPE OF JOB Port Collar

HOLE SIZE	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE <u>2 7/8</u>	DEPTH <u>2375 ft</u>
DRILL PIPE	DEPTH
TOOL Port Collar	DEPTH <u>2375 ft</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT <u>13.78</u>	

**EQUIPMENT**

PUMP TRUCK	CEMENTER <u>LaRene</u>
# <u>431</u>	HELPER <u>Darren</u>
BULK TRUCK	
# <u>396.306</u>	DRIVER <u>Tyler</u>
BULK TRUCK	
#	DRIVER

**REMARKS:**

Pressure System To 1200 lbs.  
Open Port Collar  
Mix 320 sks Cement  
Displace with water  
Close Port Collar  
Pressure To 1200 lbs  
Wash out  
Cement Did Circulate

*Thank You.*

CHARGE TO: Ritchie Exploration

STREET \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**CEMENT**

AMOUNT ORDERED 450 SKS @ 62% 6% 6%

Gel 14 Flo Seal 500# Huks

COMMON 192 SKS @ 16.25 \$ 3120.00

POZMIX 128 SKS @ 8.50 \$ 1088.00

GEL 17 SKS @ 21.25 \$ 361.25

CHLORIDE @ \_\_\_\_\_

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

Flo-Seal 80 lbs @ 2.70 \$ 216.00

Cotton Seed Hulls 10 sks @ 31.85 \$ 318.50

HANDLING 488 SKS @ 2.25 \$ 1098.00

MILEAGE 114 Per mile @ \_\_\_\_\_ \$ 1073.60

TOTAL \$ 7575.35

**SERVICE**

DEPTH OF JOB 2375

PUMP TRUCK CHARGE \_\_\_\_\_ \$ 2125.00

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

MILEAGE 20 @ 7.00 \$ 140.00

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

LV mileage @ 4.00 \$ 80.00

TOTAL \$ 2345.00

**PLUG & FLOAT EQUIPMENT**

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL \_\_\_\_\_

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

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

To Allied Cementing Co., 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 Dalton Brink

SIGNATURE Dalton Brink



