

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1240618  
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: \_\_\_\_\_

1240618

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:  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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Max R. Lovely

# GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Ritchie Exploration  
ELEVATIONS

LEASE #1 Konda 11C  
NO. 2396

FIELD WILGAL  
NO. 2383

LOCATION S/2NW/4SW  
SEC 11 T19S R22W

COUNTY Ford STATE KS

CONTRACTOR Stealing #5

SPLIT 0-20-1 1-1-14

RMD UP 3693 TYPE WLD Chem

FORMATION TOGS AND STRUCTURAL POSITION

SWAY ELECTRIC SW-SEA STRUCTURAL POSITION C

ANADIR 1384 1800 1070 1070

STOTLER 3528 3528 1130 1122

Heanauer 4192 4196 1800 1829

Lanuing 4338 4340 1934 1829

Murphy 4624 4624 2268 2551

Marion 4810 4812 2416 2398

Palmer 4882 4885 2489 2471

Cherokee 4928 4931 2535 2516

Alona 5018 5021 2528 2503

Mississipp 5035 5046 2550 2822

REFERENCE WELLS FOR STRUCTURE

A Ritchie #1 Denslein 10 BC 1830FNL S50T-WL 10-28-22W

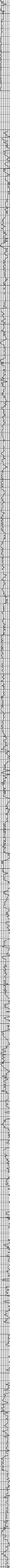
REMARKS

### LEGEND

[Symbol]	Anhydrite	[Symbol]	Shale	[Symbol]	Carb sh	[Symbol]	Limestone	[Symbol]	Ool/Lime	[Symbol]	Chert	[Symbol]	Dolomite
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DEPTH	FORMATION	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
1400	ANADIR	LS, GRAY, FXTLV, M HRD, SL DWS NO APP'S	LS, GRAY, FXTLV, M HRD, SL DWS NO APP'S		
1407	ANADIR	LS, GRAY, FXTLV, M HRD, SL DWS NO APP'S	LS, GRAY, FXTLV, M HRD, SL DWS NO APP'S		
1500					
3400					
3500					
3600					
3700					
3800					
3900					
4000					
4100					
4200	HEANAUER	SH, BLK, CARB GRANUL. TX. F & G XT LV #S	SH, BLK, CARB GRANUL. TX. F & G XT LV #S	33 v BACKGROUND 16 v KICK	
4300	LANUING	LS, GRAY, FXTLV, M HRD, NO VIS #S	LS, GRAY, FXTLV, M HRD, NO VIS #S	35 v BACKGROUND	
4400					
4500					
4600					
4700					
4800					
4900					
5000					
5100					
5200					

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases



REMARKS: 33 v BACKGROUND, 16 v KICK, 35 v BACKGROUND, ADJUST FLOW @ TOONE, BACKGROUND: SO WHITE, VIS: 56 WT: 9.3 LCM: 1, 33 v BACKGROUND, 16 v KICK, 35 v BACKGROUND, ADJUST FLOW @ TOONE, VIS: 56 WT: 9.4 LCM: 1, GAS TEST: 74 v KICK, 27 v BACKGROUND, 1700KICK FLASHY KICK, NO APP GAS KICK, 80 v KICK - REVEAL GAS, 1700KICK FLASHY KICK, 7:AM 10-28-14 DRUG @ 4778', MUD CHECK VIS: 55 WT: 9.5 CHLOR: 12.00 LCM: 2, 7:AM 10-28-14 DRUG @ 4778', MUD CHECK VIS: 55 WT: 9.5 CHLOR: 12.00 LCM: 2, 7:AM 10-31-14 DRUG @ 4778', MUD CHECK VIS: 54 WT: 9.1 FILT: 11.2, 30 v STUB SHORT TRIP HARRIS LOGGING



**#1 Konda 11C**  
1700' FSL & 650' FWL  
50' N & 10' W of S/2 NW SW Section 11-28S-22W  
Ford County, Kansas  
API# 15-057-20945-0000  
Elevation: GL: 2383', KB: 2396'

Sample Tops			Ref. Well
Anhydrite	1384'	+1012	-11
B/Anhydrite	1407'	+989	+10
Stotler	3528'	-1132	-10
Heebner	4192'	-1796	-7
Lansing	4338'	-1942	-13
Muncie Shale	4514'	-2118	-11
Stark Shale	4663'	-2267	-16
Hush	4704'	-2308	-16
BKC	4744'	-2348	-17
Marmaton	4810'	-2414	-16
Pawnee	4882'	-2486	-15
Cherokee Shale	4929'	-2533	-17
Huck	5005'	-2609	-16
Atoka	5016'	-2620	-17
Mississippian	5035'	-2639	-17
RTD	5255'	-2859	

# ALLIED OIL & GAS SERVICES, LLC 065128

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Greensboro

DATE <u>11-1-14</u>	SEC. <u>U</u>	TWP. <u>28</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION <u>2:00 pm</u>	JOB START <u>7:30 pm</u>	JOB FINISH <u>8:30 pm</u>
LEASE <u>Kanda 110</u> WELL# <u>1</u>			LOCATION <u>Ford - 6th st E to 128 rd</u>		COUNTY <u>Ford</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			LS-				

CONTRACTOR <u>Starling #5</u>	OWNER
TYPE OF JOB <u>Rotary plug</u>	CEMENT
HOLE SIZE <u>1 3/8</u> T.D.	AMOUNT ORDERED <u>170 sk 60/40 4 1/2 gal</u>
CASING SIZE _____ DEPTH _____	<u>1/4 Flt</u>
TUBING SIZE _____ DEPTH _____	
DRILL PIPE <u>4 1/2</u> DEPTH <u>1450</u>	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON _____ @ _____
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>All</u>	GEL _____ @ _____
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT <u>H2O</u>	ASC _____ @ _____

EQUIPMENT	
PUMP TRUCK CEMENTER <u>Josh Isaac</u>	<u>170 sk 60/40 + 4%</u> @ <u>18.92</u> <u>3,216.40</u>
# <u>366</u> HELPER <u>Ben Newell</u>	<u>Flt</u> @ <u>43</u> <u>127.71</u>
BULK TRUCK	<u>Materials Total</u> <u>3,344.11</u>
# <u>544-198</u> DRIVER <u>Jose Tracheta (TWS)</u>	<u>DISC 20%</u> <u>668.82</u>
BULK TRUCK	
# _____ DRIVER _____	<u>Service</u>
	HANDLING <u>182.62</u> @ <u>2.48</u> <u>452.90</u>
	MILEAGE <u>7.62 x 50 x</u> <u>2.75</u> <u>1,047.75</u>

REMARKS:  
on location - big up - had safety meeting  
run 4 1/2 drill pipe - full hole  
#1 - 1450 - 50 sk  
#2 - 480 - 50 sk  
#3 - 60 - 20  
R.H - 30 sk MH - 20 sk  
plug down 930  
big down

CHARGE TO: Ritchie Exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<u>2249.84</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>Hum 50</u> @ <u>2.70</u>	<u>385.00</u>
MANIFOLD _____ @ _____	
<u>Hum 50</u> @ <u>4.40</u>	<u>220.00</u>

TOTAL 4,355.49  
 Disc 20% 871.10

PLUG & FLOAT EQUIPMENT

_____	@ _____	
_____	@ _____	
_____	@ _____	
_____	@ _____	
_____	@ _____	

*Thank you!*  
 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 X Alan Lofft  
 SIGNATURE X Alan Lofft

TOTAL 0  
 Disc 0%

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

TOTAL CHARGES 7,699.60

DISCOUNT 20% 1,539.92 (20/20%)

IF PAID IN 30 DAYS  
6,159.68

# ALLIED OIL & GAS SERVICES, LLC 063939

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: great Bend

10-21-14 DATE	SEC. 11	TWP. 28	RANGE 22	CALLED OUT 10:30 pm	ON LOCATION 1:30 am	JOB START 6:00 am	JOB FINISH 6:30 am
<u>Rendon</u> LEASE	WELL # 11C		LOCATION <u>Pool 6th st rd E to 128th rd</u>		COUNTY <u>ford</u>	STATE <u>K2</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			15 E chuto				

CONTRACTOR steeling #5  
 TYPE OF JOB repair  
 HOLE SIZE 12 1/4 T.D. 402  
 CASING SIZE 8 5/8 24# DEPTH 402  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT H2O 24.7 BBL  
 EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Charles Kingen  
 # 517 HELPER Ben Newell  
 BULK TRUCK \_\_\_\_\_  
 # 544-198 DRIVER Kevin Weighouse  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER same  
 CEMENT AMOUNT ORDERED 250 cu class A 31' CC 21' gel  
 COMMON 250 @ 17.90 4,475.00  
 POZMIX @ \_\_\_\_\_  
 GEL 470 @ .50 235.00  
 CHLORIDE 705 @ 1.10 775.50  
 ASC Materials total 5,485.50  
Dise 20% 1,097.10  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 SERVICE @ \_\_\_\_\_  
 HANDLING 270.33 @ 2.48 670.42  
 MILEAGE 12.34 x 60x 2.75 2,036.10

**REMARKS:**

Rig Ran 402' 8 5/8 cas Bore dies 21' rig  
and hook to head pump 5 BBL H2O  
mix 250 cu class A 31' CC 21' gel shut  
down Release plug displac 24.7 BBL  
H2O cement chd acc shut dn

DEPTH OF JOB 402  
 PUMP TRUCK CHARGE 1512.25  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE Hum 60 @ 7.70 462.00  
 MANIFOLD @ \_\_\_\_\_  
Hum 60 @ 4.40 264.00  
 @ \_\_\_\_\_

CHARGE TO: Ritchie exploration  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 4,944.27  
 Dise 20% 988.95

Thank you!  
 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.

PLUG & FLOAT EQUIPMENT  
Rubber plug 131.00 131.00  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

TOTAL 131.00  
 Dise 20% 26.20

PRINTED NAME Alan Lopez  
 SIGNATURE Alan Lopez

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 10,561.27  
 DISCOUNT 20% 2,112.25 (20/20/20)  
 IF PAID IN 30 DAYS  
8,449.02