

Confidentiality Requested:

☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1192112

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

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: _____

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☐ New ☐ 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
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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 (Amount and Kind of Material Used)		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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> ☐ Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	Winderlin 36D 1
Doc ID	1192112

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	231	Common	165	3% cc, 2% gel



#1 Winderlin 36D

1610' FSL & 860' FEL

40' S & 130' E of SW NE SE Section 36-15S-31W

Gove County, Kansas

API# 15-063-22156-0000

Elevation: 2800' GL, 2805' KB

Sample Tops			Ref. Well
Anhydrite	2233'	+572	+9
B/Anhydrite	2256'	+549	+8
Stotler	3462'	-657	+2
Heebner	3838'	-1033	Flat
Lansing	3876'	-1071	Flat
Muncie Shale	4044'	-1239	+2
Stark Shale	4135'	-1330	+4
Hush	4173'	-1368	+2
BKC	4215'	-1410	+3
Marmaton	4250'	-1445	+3
Altamont	4273'	-1468	+4
Pawnee	4340'	-1535	+3
Myrick	4370'	-1565	+5
Fort Scott	4389'	-1584	+3
Cherokee Shale	4415'	-1610	+2
Johnson	4456'	-1651	+3
B/Johnson	4476'	-1671	+4
Mississippian	4497'	-1692	-1
RTD	4617'	-1812	

WINDERLEN 36A-1

ALLIED OIL & GAS SERVICES, LLC 062178

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Oakley, Ky

DATE 12/13/0	SEC. 36	TWP. 15	RANGE 31	CALLED OUT	ON LOCATION	JOB START 8:30 AM	JOB FINISH 9:30 AM
LEASING/INDUSTRY/STANDARD WELL # #1				LOCATION 1/4-81 E 10TH ST. SW 3E 2N		COUNTY Lott	STATE KY
OLD OR NEW (Circle one)							

CONTRACTOR WV 8
TYPE OF JOB PTA Repair
HOLE SIZE 7 1/2 T.D.
CASING SIZE 8 7/8 DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 DEPTH 4017
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER Same
CEMENT
AMOUNT ORDERED 20560/4047yd 2 1/4 PLO

COMMON	103	@ 12.90	2201.70
POZMIX	802	@ 9.35	766.20
GEL	7	@ 23.40	163.80
CHLORIDE		@	
ASC		@	

EQUIPMENT

PUMP TRUCK CEMENTER PTA Ryan
483-289 HELPER Ryan Ryan
BULK TRUCK
396 DRIVER CT (TMS)
BULK TRUCK
DRIVER

<u>PLO Seal</u>	5116	@ 2.92	151.47
HANDLING	220.15 CF	@ 2.48	545.28
MILEAGE	2.50/mile @ 9.19/mile		131.40
			TOTAL 5144.38

REMARKS:

25% @ 2250'
100% @ 1280'
40% @ 280'
10% @ 40'
20% @ 1216'

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		2483.59
EXTRA FOOTAGE	@	
MILEAGE	55 @ 2.20	121.00
MANIFOLD	@	
<u>Circuitry</u>	55 @ 4.40	242.00

TOTAL 3149.59

CHARGE TO: Ritchie Exploration
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 1/2" wooden Plug	@	107.64
	@	
	@	
	@	

TOTAL 107.64

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 Sid Deutscher

SIGNATURE Sid Deutscher

SALES TAX (If Any)

TOTAL CHARGES 8400.97

DISCOUNT 1,932.22 IF PAID IN 30 DAYS

6,468.74 Net.

[Handwritten mark]

ALLIED OIL & GAS SERVICES, LLC 061383

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

DATE <u>11-22-13</u>	SEC. <u>36</u>	TWP. <u>15</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>7:00 PM</u>	JOB START <u>9:00 AM</u>	JOB FINISH <u>4:30 PM</u>
WELL # <u>1</u>	WELL # <u>1</u>	LOCATION <u>3 E 2 N 12 W 10</u>	LOCATION <u>3 E 2 N 12 W 10</u>	COUNTY <u>Wink</u>	STATE <u>KY</u>		
OLD OR NEW (Circle one)							

CONTRACTOR Wink
TYPE OF JOB Surface
HOLE SIZE 12 1/4 T.D. 232
CASING SIZE 8 5/8 DEPTH 232
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 13 3/4

OWNER Same

CEMENT
AMOUNT ORDERED 165 sacks from 30cc 280cc

COMMON	<u>16.5</u>	@ <u>17.00</u>	<u>2953.50</u>
POZMIX		@	
OEL	<u>3.16</u>	@ <u>23.40</u>	<u>76.30</u>
CHLORIDE	<u>9.525</u>	@ <u>6.40</u>	<u>57.60</u>
ASC		@	

EQUIPMENT
PUMP TRUCK CEMENTER Kelly Gabel
422 HELPER Wayne McElhenny
BULK TRUCK
818287 DRIVER Mike McElhenny
BULK TRUCK
DRIVER

HANDLING	<u>128.42</u>	@ <u>2.75</u>	<u>442.40</u>
MILEAGE	<u>2.76</u>	@ <u>50 x 2.50</u>	<u>118.80</u>
TOTAL			<u>5050.98</u>

REMARKS:

Digger up mixed 165 sacks from 30cc 280cc, displaced with 13 3/4 bbl water, shifted

cement did circulate
St. handshakes
Kelly & crew

SERVICE

DEPTH OF JOB	<u>232'</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE	<u>MILV 50 @ 4.40</u> <u>220.00</u>
MANIFOLD	@
	<u>MILV 50 @ 7.70</u> <u>385.00</u>

CHARGE TO: Richie Exploration
STREET
CITY STATE ZIP

TOTAL 2117.25

PLUG & FLOAT EQUIPMENT

	@
	@
	@
	@
	@

TOTAL

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 7,168.23
DISCOUNT 1,648.69 IF PAID IN 30 DAYS
5,519.53 Net.

PRINTED NAME St. D. D. D.
SIGNATURE St. D. D. D.

St. D. D. D.

Max R. Lovely

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

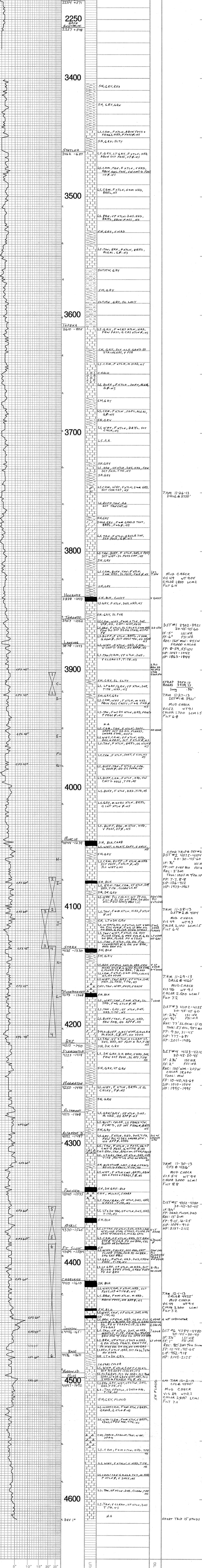
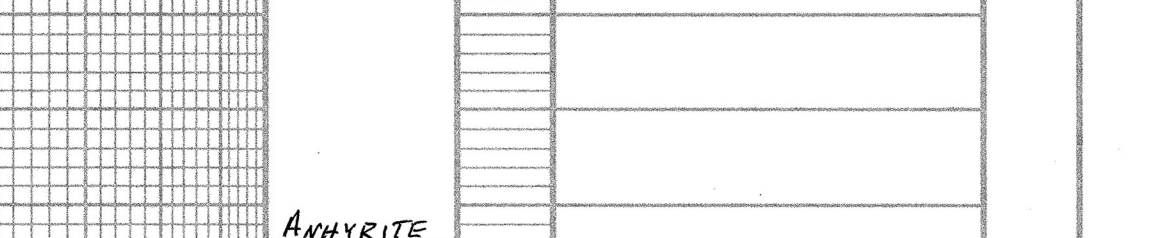
Company Ritchie Exploration, Inc
Lease #1 Winderlin 36D
Field SW NE SE
Section 36
T15S R31W
County Gove
State KS
Contractor WW #8
SPUD 11-22-13
LTD 12-2-13
RTD 4617
LTD 4624

FORMATION TOPS AND STRUCTURAL POSITION
MUD UP 3308 TYPE MUD Chem
FORMATION TOPS AND STRUCTURAL POSITION
FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	DEPTH	ELECTRIC	STRUCTURAL POSITION
Base Anhydrite	2257	548	A
Stotler	3462	3466	B
Topeka	3610	3615	C
Heebner	3838	3842	D
Luning	3878	3878	E
Muncie	4044	4046	F
BKC	4215	4221	G
Marmaton	4250	4256	H
Altamont	4273	4282	I
Pawnee	4340	4344	J
Myrick	4370	4377	K
Fr. Scott	4389	4395	L
Johnson	4464	4464	M
Mississipp	4487	4502	N

REMARKS

LEGEND



CONTRACTOR _____ LEASE _____ IP _____ ELEVATION _____ RTD _____ LOCATION _____ SEC. _____ TWP _____ RNG _____ COUNTY _____ STATE _____