Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1163518

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	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:

	Page Two	
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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	e etc)	Yes No	L	.og Formatio	n (Top), Depth and	d Datum	Sample			
(Attach Additional She Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum			
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No								
List All E. Logs Run:										
		CASING Report all strings set-o	RECORD Ne		on, 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			
	1	ADDITIONAL	CEMENTING / SQL	JEEZE RECORD						
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives						
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 an	d 3)			
		Iraulic fracturing treatment ex				question 3)	(H. 100 H)			
Was the hydraulic fracturing	g treatment informatio	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill c	out Page Three of	of the ACO-1)			

Shots Per Foot	PEF	RECORATION RECO Specify Footage of			e		Depth		
TUBING RECORD:	Size:	Set A	At:	Packe	r At:	Liner R			
Date of First, Resumed P	Production, SV	VD or ENHR.	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Oil Bt Per 24 Hours		Dil Bbls.	ols. Gas Mcf				Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:
Vented Sold	Used o Used o mit ACO-18.)	n Lease	Open Hole	Perf.	Uually (Submit A	,	Commingled (Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

#1 Carpenter 13A 335' FNL & 330' FEL 5' S of NE NE NE Section 13-16S-32W Scott County, Kansas API# 15-171-20955-0000 Elevation: 2955' GL, 2960' KB

EXPLORATION, INC. Wichita, Kansas

			Ref.		
Sample Tops			Well		
Anhydrite	2367'	+593	-15		
B/Anhydrite	2388'	+572	-17		
Stotler	3551'	-591	-3		
Heebner	3932'	-972	-2		
Lansing	3978'	-1018	5		
Muncie Shale	4140'	-1180	+3		
Stark Shale	4244'	-1284	-3		
Hush	4280'	-1320	+1		
BKC	4320'	-1360	-4		
Marmaton	4355'	-1395	-4		
Altamont	4382'	-1422	-5		
Pawnee	4456'	-1496	-8		
Myrick	4491'	-1531	-11		
Fort Scott	4502'	-1542	-7		
Cherokee Shale	4529'	-1569	-10		
Johnson	4565'	-1605	-7		
Morrow	4609'	-1649	+4		
Mississippian	4626'	-1666	Flat		
RTD	4776'	-1816			

P.O. Box 783188 Wichita, Kansas 67278-3188 (316) 691-9500 Fax (316) 691-9550 rei@ritchie-exp.com

8100 E. 22nd St. N., Bldg. 700 Wichita, Kansas 67226-2328

EMIT-TO P.O. BOX 93999	
SOUTHLAKE, TEXAS 76692	SURVICE POINT
1 91 (P) SEC. (STWP.) (RANNI	Dakley, ks
ATEG 21-13 SEC. 13 TWP. 16 RANGE 32	CALLED OUT ON LOCATION JOB START JOB FINISH
BASE 134 WELL# LOCATION Oak	C SALE HALLAND ICOUNTY ISTATE
LD OK NEW Circle one) 13(4)	2 futo
ONTRACTOR CUEUE 2	
YPEOFIOB Scirface	OWNER Same
OLESIZE /2/4 T.D. 226 ASING SIZE 8 28 DEPTH 275.25	CEMENT
ASING SIZE DEPTH 225.25 JBING SIZE DEPTH	AMOUNT ORDERED 165 5kg Com 3 20Ce
RILL PIPE DEPTH	220 gel
IDL DEPTH RES. MAX MINIMUM	110.0.1
EÁŠ, LINE SHOE JOINT	COMMON_ 165965 @ 17.90 2953.50 POZMIX
BMENT LEFT IN CSG. 15 /	GEL 3.549 @ 23.40 78.20
SPLACEMENT 13. 44661	
EQUIPMENT	ASC@
	@@
MPTRUCK CEMENTERLa Kene Enclant	@@
123/281 HELPER Paul BEDNER	@@
347 DRIVER Talon Tomes	Q
ILKTRUCK	@
DRIVER	HANDLING 178. 42 673 2.48 497.98
1212443 15220.	MILEAGE 8,141m x 40 x 2.60 87636
REMARKS: Mix 165 5 & cemost	TOTAL 4201.24
Dignous with a star	ABINITON
Considid Croculate	SERVICE
3	DEPTH OF JOB 235.25
	PUMP TRUCK CHARGE /5/223 EXTRA FOOTAGE @
	MILEAGE 49 0 7.70 308.00
	MANIEOLD SEVERAGE @ 27500
A (40 9 4.90 276,00
ARGETO: RITCHIC Exploration	
,	TOTAL 2272.25
YSTATEZIP	
	PLUG & FLOAT EQUIPMENT
Allied Oil & Gas Services, LLC.	@ @@
are hereby requested to rent cementing equipment	@
furnish cementer and helper(s) to assist owner or	
tractor to do work as is listed. The above work was e to satisfaction and supervision of owner agent or	TOTAL
tractor. I have read and understand the "GENERAL	
RMS AND CONDITIONS" lister on the reverse side.	SALES TAX (If Any)
	TOTAL CHARGES 6,97299
VTED NAME LONAVE LANG	DISCOUNT 1,603,78 IF PAID IN 30 DAYS
1 par Marino	5,369.20 Net,
VATURE CELCO CA.	

ALLIED OIL & GAS SERVICES, LLC 060728

Federal Tax I.D.	# 20-8651475			
REMIT TO P.O. BOX 93999		SERV	ICE POINT:	
SOUTHLAKE, TEXAS 76092			aller	<u>}</u>
	Line at m	ON LOCATION	100 STAD72	KOR FINISH-
21213 12 1/2 22	·····		530	CHEINISIP
Constanting () A-hD	SHE ILE	13/11:12	COUNTY	STATE
LEASE 13 A. WELLA I LOCATION OCALLY	- 34 2 - 42 -	1 14 NINIO		
OLD.OR (NEW (Circle one)			İ	
CONTRACTOR USUS-2	OWNER Sa	ma.		
CONTRACTOR WW-2 TYPE OF JOB PTA	United Cost			
HOLESIZE 7 7/3 T.D.	CEMENT		6.01	nalai
CASING SIZE DEPTH	CEMENT AMOUNT ORD	bred <u>300</u>	<u>sRs 74</u> 0	5 4 %Gel
TUBING SIZE DEPTH	14# Floss	101		······································
DRILL PIPE 4/2 DEPTH 2400	<u></u>			······································
TOOL DEPTH		102 .11.	\$ 13 90.	<u>*3222</u>
PRES, MAX MINIMUM	COMMON	100 SKS	64 9 35	¥ 1/27 28
MEAS, LINE SHOE JOINT	POZMIX	120 SKS	0 23 42	# 2321
CEMENT LEFT IN CSG.	GEL CHLORIDE	10.383	_@ <u></u> @	e and
PERFS.	ASC		@	
DISPLACEMENT 26.01	Flosent	75 #	\$ 2.92	# 222,73
EQUIPMENT	<u>1.100 xal</u>		@	
			@	· · · · · · · · · · · · · · · · · · ·
PUMPTRUCK CEMENTER Jun Racette			_@	
# 120 HELPER Tyler Flipse			_@	
BULK TRUCK # 373-308 DRIVER Chuis Helpinstine			_@	- <u></u>
# 323-308 DRIVER Chus thelp ing Stune_ BULK TRUCK	•		_@	•
# DRIVER	HANDLING	OI IN CEX	682.48	\$ 799.06
	MILEAGE 13	45 × 40 ×	" ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	~ (370,)
	MILEAGE 192		TOTAL	\$ 6998.61
REMARKS:			10101	
MIX50 5Ks Cement 24/00		annu	CP.	
m/x 80 5K3 Coment 1710'		SERVI	CE	
mix 50 5Ks Cement 270'	DEPTH OF JOI	1. 11/00		
	PUMP TRUCK		1	\$ 2483.52 .
Mix 20 SRS Cement 60 Plue mousehole 203Ks Cement	EXTRA FOOT		@	
$r_{H_{1}}$ r_{A}	MILEAGE 4	0	CR 7.72	\$ 308 .2
Marak Vac.	MANIFOLD_		- \$ 4.49.	
Shenk lac.	LV milea	461		176,=
			@	······································
CHARGETO: Ritchie Exploration				\$ 2767.59
-			TOTA	<u>0767.</u>
STREET				
CITYSTATEZIP	1	LUG & FLOA	T ROHIPME	NT
	1	LUG & LUON	I BQUITING	
				[
			@	<u> </u>
			0	
To: Allied Oil & Gas Services, LLC.	·			
You are hereby requested to rent cementing equipment				
and furnish comenter and helper(s) to assist owner or	.			
contractor to do work as is listed. The above work was			ጥርዮል	L
done to satisfaction and supervision of owner agent or			1017	
contractor. I have read and understand the "GENERAL	SALES TAX (lf Anv)		·
TERMS AND CONDITIONS" listed on the reverse side.			66.20	
	TOTAL CHAI			
DANSE WHAT	DISCOUNT -	2,292,	<u>dd</u> IPP	AID IN 30 DAYS
PRINTED NAME - PRINTED NAME	, 10000011-		73.971	
1 minutes		1,6	10.71	YCNI
PRINTED NAME LONNE hung SIGNATURE REQUILIBLE P				

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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 Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

October 17, 2013

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

Re: ACO1 API 15-171-20955-00-00 Carpenter 13A 1 NE/4 Sec.13-16S-32W Scott 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, Peter Fiorini

A Berexco #1 Windi SW/C 13-16-32W		Mississippi	JONNSON	Cherokee SH	FI Scoll	Parnee	Usrasian	Nuncie SH	Lansing	Heebner	Stotler	Anhydrite	FORMATION	FORN	MUD UP 34WD	RTD 4776	spub 6-21-13		COUNTY SOON	SEC U TWSP	ION NE NE		LEASE #1 Carbenier 13A	Richie Ex				that Got Loop And	Max R. Lovely
-16-32₩	REFERENCE WELLS FOR STRUCTURE	4632	4612 4624 -1664 -1653	4534 -15/4 1616	4509 -1549	4458 -1498	4354 -1398	4140 4142 -1988 -1988 -1988	3974 -1010	3934 -974	<u>3551</u> -591	2367 2364 596 600 9388 9384 576 589	E ELECTRIC SUB-SLA	S AND STRUCTURAL POSITION	TYPE MUD SUBOR COMP N/D	LTD 4/80 ELECTRICAL SURVEYS		The surface of the su	STATE NO	P D RGE 321 Measurements Are Al					G TIME AND SAM	LOCINI N REPORT			
REMAI	RKS																												
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