CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION KOLAR Document ID: 1405565

Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

Confidentiality Requested:

Yes No

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:		
Name:	Spot Description:		
Address 1:			
Address 2:	Feet from North / 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)		
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84		
Purchaser:	County:		
Designate Type of Completion:	Lease Name: Well #:		
New Well Re-Entry Workover	Field Name:		
	Producing Formation:		
☐ Oil ☐ WSW ☐ SWD □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:		
	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 EOR Conv. to SWD	Drilling Fluid Management Plan		
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)		
	Chloride content: ppm Fluid volume: bbls		
Commingled Permit #:	Dewatering method used:		
Dual Completion Permit #: SWD Permit #:			
EOR Permit #:	Location of fluid disposal if hauled offsite:		
GSW Permit #:	Operator Name:		
	Lease Name: License #:		
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. 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 Drill Stem Tests Received			
Geologist Report / Mud Logs Received			
UIC Distribution			
ALT I II III Approved by: Date:			

CORRECTION #1

Operator Name:	Lease Name:	_ Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated. De open and closed, flowing and shut-in pressures, whether shut-in press and flow rates if gas to surface test, along with final chart(s). Attach e	sure reached static level, hydrostatic pressures, bo	
Final Radioactivity Log, Final Logs run to obtain Geophysical Data an files must be submitted in LAS version 2.0 or newer AND an image file	0	ogs@kcc.ks.gov. Digital electronic log

				0		,				
Drill Stem Tests Tal (Attach Addition			🗌 Ye	s 🗌 No			Log Formati	on (Top), Dep	oth and Datum	Sample
Samples Sent to G	eological Surv	ey	🗌 Ye	s 🗌 No		Nam	ne		Тор	Datum
Cores Taken Electric Log Run Geologist Report /	-		☐ Ye ☐ Ye ☐ Ye	s 🗌 No						
List All E. Logs Rur	n:									
			Repor		G RECORD		ew Used ermediate, product	tion, etc.		
Purpose of Strin		Hole		e Casing (In O.D.)		eight s. / Ft.	Setting Depth	Type o Cemen		Type and Percent Additives
L										
ADDITIONAL CEMENTIN Purpose: Depth Tupe of Coment # Sacks										
Purpose: Perforate		Bottom	Туре	of Cement	# Sacl	ks Used	Used Type and Percent Additives			
Protect Casir Plug Back TE Plug Off Zone	ວັ									
 Did you perform a Does the volume o Was the hydraulic to 	of the total base f	luid of the hyd	draulic fra	cturing treatme		-		No (If N	lo, skip questions 2 ar lo, skip question 3) lo, fill out Page Three	
Date of first Production	on/Injection or R	esumed Produ	uction/	Producing M	ethod:	ing	Gas Lift	Other <i>(Explain)</i>		
Estimated Productio Per 24 Hours	on	Oil Bb	ls.	Gas	Mcf	Wat	ter E	Bbls.	Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:				METHOD C	OF COMPL	ETION:		PRODUCTIO	ON INTERVAL:
Vented Sold Used on Lease Open Hole (If vented, Submit ACO-18.)		pen Hole			mmingled omit ACO-4)	Тор	Bottom			
Shots Per Foot	Perforation Top	Perforatio Bottom				Acid		t, Cementing Squeeze d Kind of Material Used,		

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	BEREXCO LLC
Well Name	GERALD 1-9
Doc ID	1405565

All Electric Logs Run

Dual Induction Log
Microresistivity Log
Sonic Log
Radiation Guard Log
Dual Compensated Porosity

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Tops

Name	Тор	Datum
Anhydrite (top)	3009	+216
Anhydrite (base)	3049	+176
Foraker	3673	-448
Topeka	3933	-708
Oread	4054	-829
LKC A	4135	-910
LKC B	4182	-957
LKC C	4238	-1013
LKC D	4286	-1061
LKC E	4330	-1105
LKC F	4362	-1137
Pawnee	4478	-1253
Ft. Scott	4520	-1295
LTD	4849	-1624
RTD	4850	-1625

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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	293	Common	275	3% cc
Production	7.875	4.5	11.6	4834	Lite & Common		3/4# floseal, 10% salt, 2% gel

Summary of Changes

Lease Name and Number: GERALD 1-9 API/Permit #: 15-153-21201-00-00 Doc ID: 1405565 Correction Number: 1 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	03/15/2018	04/11/2018
Field Name		un-named wildcat
Perf_acid1		1,000 gal 15% MCA
Perf_perf1bottom		4340
Perf_perf1top		4330
Perf_shots1		4
Producing Formation	na	LKC
Purchaser's Name		Central Crude Corporation