Confide	ntiality F	Requested:
Yes	No No	

CORRECTION #2

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1368448

Form ACO-1 November 2016 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.:		
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:, (e.gxxx.xxxxx)		
Name:	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 DH EOR	Elevation: Ground: Kelly Bushing:		
🗌 OG 🔤 GSW	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? Yes No		
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)		
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls		
Dual Completion Permit #:	Dewatering method used:		
SWD Permit #:	Location of fluid disposal if hauled offsite:		
EOR 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 Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II III Approved by: Date:				

CORRECTION #2

1368448

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			Yes	s 🗌 No			Log	Formatio	n (Top), Depth	and Datum	Sample
Samples Sent to		rvey	Yes	No		Nar	ne			Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	/ Mud Logs		☐ Yes ☐ Yes ☐ Yes	No							
			Report		RECORD		lew Iterme	Used diate, production	on, etc.		
Purpose of St		ze Hole Drilled		Casing In O.D.)		eight s. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONA		TING / SC		ZE RECORD			
Purpose: Perforate	Top Bottom		Type of Cement					Type an	Type and Percent Additives		
Protect Ca Plug Back Plug Off Zo	то										
 Did you perform Does the volume Was the hydraul 	e of the total base	e fluid of the hyd	raulic frac	turing treatme		-		Yes Yes Yes	No (If No,	skip questions 2 ar skip question 3) fill out Page Three	
Date of first Produce Injection:	ction/Injection or	Resumed Produ	ction/	Producing Me	thod:	bing	Gas	Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Produc Per 24 Hours	tion	Oil Bbl	S.	Gas	Mcf	Wa	ater	Bb	ols.	Gas-Oil Ratio	Gravity
Vented	DSITION OF GAS Sold Use	ed on Lease				OF COMPLETION: PRODU Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)			DN INTERVAL: Bottom		
Shots Per Foot	Perforation Top	Perforation Bottom				acture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)					

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	Phillips Exploration Company L.C.
Well Name	GAITHER 2-21
Doc ID	1368448

Casing

	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.75	23	218	common	150	60/40 poz
Production	7.875	5.5	14	4299	common	175	common
Production	7.875	5.5	14	1751	common	305	common

Summary of Changes

Lease Name and Number: GAITHER 2-21 API/Permit #: 15-195-23016-00-00 Doc ID: 1368448 Correction Number: 2 Approved By: Karen Ritter

Field Name	Previous Value	New Value
Additional Type And Percent Additive		60/40 poz
Approved Date	09/25/2017	10/03/2017
Cementing Depth Base 2		1751
Cementing Depth Top 2		0
Cementing Purpose Plug Back TD	No	Yes
CementingDepth2_PDF	-	0-1751
Field Name		Үер
Number Of Sacks Used for Cementing /		305
Squeezing- Line 2 Perf_bridgeplug2depth		3972
Perf_bridgeplug2type		Cast iron

Summary of changes for correction 2 continued

Field Name	Previous Value	New Value
Perf_bridgeplug3depth		1600
Perf_bridgeplug3type		na
Perf_perf3bottom		1520
Perf_perf3top		1510
Perf_shots3		4
Producing Formation	Cedarhill	Cedarhills
Production Interval #2		1510
Production Interval #4		1520
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13	//kcc/detail/operatorE ditDetail.cfm?docID=13
Tubing Packer At	68191	68448 1400
Tubing Set At		1490
Tubing Size		2.3750
Type Of Cement Used for Cementing / Squeezing - Line 2		common