Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1371349

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:
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:
	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 #: Dual Completion Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	Leastion of fluid dispessed if hould offeite:
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 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:

	Page Two	1371349
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated	Detail all cores Benort all final	conies of drill stems tests giving interval tested time tool

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 Take (Attach Additiona			Ye	es 🗌 No			og	Formatio	n (Top), Dep	oth and Datum	Sample
Samples Sent to Ge	eological Surv	/ev	Ye	es 🗌 No		Nam	е			Тор	Datum
Cores Taken Electric Log Run Geolgist Report / Mu	ud Logs		Ye	es No es No es No							
List All E. Logs Run:	:										
							ew [Used			
				ort all strings set-			1		1		
Purpose of String		e Hole illed		ze Casing t (In O.D.)		eight s. / Ft.		Setting Depth	Type of Cemen		Type and Percent Additives
	I	I		ADDITIONA		TING / SQU	JEEZE	RECORD	1		1
Purpose: Perforate		epth Bottom	Туре	e of Cement	# Sac	ks Used			Туре	and Percent Additives	;
Protect Casing	Ŭ										
Plug Off Zone											
 Did you perform a h Does the volume of 	-	-			nt exceed 3	50 000 gall	ons?	Yes Yes		lo, skip questions 2 a. Io, skip question 3)	nd 3)
3. Was the hydraulic fr		-		-		-		Yes		lo, fill out Page Three	of the ACO-1)
Date of first Production Injection:	n/Injection or R	esumed Prod	uction/	Producing Met	thod:	ping	Gas Li	ift 🗌 C	ther <i>(Explain)</i> .		
Estimated Production Per 24 Hours	1	Oil Bb	ls.	Gas	Mcf	Wat	er	BI	ols.	Gas-Oil Ratio	Gravity
DISPOSI	TION OF GAS:				METHOD (OF COMPL	ETION:			PRODUCTIO	ON INTERVAL:
Vented Sc	old 🗌 Used	I on Lease		Open Hole	Perf.		/ Comp		nmingled	Тор	Bottom
(If vented, S	Submit ACO-18.))				(Submi	t ACO-5	5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforatio Bottom		Bridge Plug Type	Bridge F Set A			Acid,		t, Cementing Squeeze d Kind of Material Used	

Packer At:

Size:

Set At:

TUBING RECORD:

Form	ACO1 - Well Completion
Operator	Bobcat Oilfield Service, Inc.
Well Name	CAYOT 5-17
Doc ID	1371349

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	8.750	6	8	20	Common	5	60/40 POZ
Production	5.625	2.875	6	722	Common	85	60/40 POZ

	Cell # 62	0-363-2683	_			City, Ks 6 795-2991	A	2		
Surfa		Cemented:	Hole Size:				and the state of t	Well #: 5-17		
20' of		5 Sacks	8 ³ ⁄4"					Location: SW,SE,NW,SE S24-T1		
	string: of 2 7/8"	Cemented: 85 sacks	Hole Size: 5 5/8"					R21E		
	nd pipe	00 Sacks	5 5/6					County: Mlami		
SN: -		Packer: -	0	TD: 7	'31'		FSL: 1535			
N2					5 <u>2.11</u>		Well	FEL: 1953		
Plugged: -		Bottom Pl	ug:-			Log		API#: 15-121-31371-00-00		
		10				LUY		Started: 10-16-17		
Lease		Cayot	10-1					Completed: 10-18-17		
Owne			d Services Inc							
OPR #		3895		_						
Contr	actor:	DALE JACKS	ON PRODUCTION							
OPR #	t:	4339		-						
TKN	BTM				TVN	0.714	Engradia			
1111	Depth	Formation			TKN	BTM Depth	Formation			
1	1	Top Soil			6	638	Shale (limey			
12	13	Clay			2	640	Lime (shaley	/)		
21 5	34 39	Lime (clay Black Sha			12	652 656	Shale			
5 11	50	Lime	10		4	669	Shale			
9	59	Shale (lim	ey)		2	671	Lime			
18	77	Lime			3	674	Shale			
3	80	Shale			5	679		me shale)(poor bleed)		
2	82	Red Bed			5	684		me shale)(fair bleed)		
20	102	Shale			2	686		aley)(poor bleed)		
19 7	121	Lime Sand (wat	orl		2	688	and the second sec	ry shaley)(poor bleed)		
24	128	Sand (wat	er) dy (sand strks)(water)		3 TD	731	Sandy shale Shale	e (Oil sand strks)		
57	209	Shale	of feeling entrollingted)				Gildio			
19	228	Lime								
7	235	Shale								
11	246		er)(shaley)							
16 4	262 266	Shale			_	-				
4	266	Lime Shale			_	-				
9	297	Sand (wate	er)		_					
2	299	Shale								
13	312	Lime								
17	329	Shale			_	1				
27 4	356 360	Lime Błack shal		_	_		4			
4	364	Shale (lime								
20	384	Lime								
3	387	Black Shal	e							
3	390	Lime								
5	395	Shale				1				
4 32	399 431	Lime Shale			_	-				
32 10	431		le (sand strks)		_					
129	570	Shale	ie jaario antoj		-	1	7			
6	576	Lime								
27	603	Shale								
5	608	Lime								
1	609	Shale			_			CE - 2:30 PM - 10/16/17		
2 14	611 625		haley)(fair bleed)		_	-		1:30 PM - TALKED TO BROOKE		
14 4	625	Shale Lime (oder	ì			-		NG – 722' of 2 7/8" 8' ROUND PIPE :45 PM – 10/18/17		
3	629	Black Shal			1	-		11: AM - TALKED TO BROOKE		