Confidentiality Requested: Yes No

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

1371322

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.xxxx) (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 #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of huid disposar in natied 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 #:

County:

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:

Permit #:_

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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	Taken tional Sheets)	[Yes No		🗌 Log	Formatic	n (Top), Dep	th and Datum	Sample
Samples Sent to		vey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geolgist Report List All E. Logs F	n / Mud Logs	[Yes No Yes No Yes No						
			CASING Report all strings set	RECORD	New e, interme	Used ediate, producti	on, etc.		
Purpose of St		e Hole rilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONA	LCEMENTING	SQUEE	ZE RECORD			
Purpose: Depth Top Bottom			Type of Cement	# Sacks Use	ed	Type and Percent Additives			
Protect Ca Protect Ca Plug Back	TD								
0									
	e of the total base	fluid of the hydrau	his well? lic fracturing treatmen ubmitted to the chemi		-	Yes Yes	No (If No	o, skip questions 2 ar o, skip question 3) o, fill out Page Three	
Date of first Produ Injection:	uction/Injection or F	Resumed Production	on/ Producing Me	thod:	Gas	s Lift 🗌 C	other <i>(Explain)</i> _		
Estimated Produce Per 24 Hours		Oil Bbls.	Gas	Mcf	Water	BI	ols.	Gas-Oil Ratio	Gravity
DISP	OSITION OF GAS	:		METHOD OF CO	MPLETIC	DN:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented	Sold Use	d on Lease	Open Hole		Dually Co Submit AC	·	nmingled nit ACO-4)	юр	
(ii venic		/							
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At		Acid,		, Cementing Squeeze Kind of Material Used)	

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	Bobcat Oilfield Service, Inc.
Well Name	CAYOT 4-17
Doc ID	1371322

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	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	720	Common	85	60/40 POZ

	Cell # 62	0-363-2683	B			City, Ks 6 795-2991	A	
Surfa		Cemented:	Hole Size:				-11 [-1]	Well #: 4-17
20' of		5 Sacks	8 ¼"					Location: SE,NW,NW,SE S24-T16-
	ongstring: Cemented: Hole Size: 20' of 2 7/8" 85 sacks 5 5/8"		5 5/8"					R21E
	nd pipe							County: Miami
SN: -		Packer: -		TD: 731'		Well	FSL: 2003	
			L				FEL: 1990	
Plugg	ed: -	Bottom P	lug:-		L	_og		API#: 15-121-31370-00-00 Started: 10-12-17
Lease		Cayot			-	9		Completed: 10-13-17
Owne	r:		Id Services Inc	-				
OPR #	ł:	3895		-				
Contra	actor:	DALE JACKS	ON PRODUCTION	-				
		CO.						
OPR #	ŧ:	4339						
TKN	BTM Depth	Formatio	n		TKN	BTM Depth	Formation	
1 6	1 7	Top Soil Clay			2	623 647	Black Shale Shale (limey	
21	28	Lime			24	649	Lime)
5	33	Black Sha	le		11	660	Shale (limey)
11	44	Lime			4	664	Lime (shaley	
9	53		andy Shale		3	667	Shale	
7	70	Lime			1	668	· · · · ·	e (oil sand strks)
5	75 78	Shale Red Bed		_	5	673 678		me shale)(poor bleed) me shale)(fair bleed)
18	96	Shale			8 686			(oil sand strks)
16	112	Lime			10	696	Sandy Shale	
6	118	Shale			TD	731	Shale	
13	131	Sandy sha	ale					
71 20	202	Shale						
20 6	222	Lime Shale			-			
9	237		ale (sand strks)		-			
18	255	Shale						
4	259	Lime						
20 10	279 289	Shale Sand (wet						
2	289	Sano (wat	er)(coarse)					
9	300	Lime						
4	304	Shale						
1	305	Lime						
16 24	321 345	Shale						
4	345	Lime Black Sha	le					
4	353	Shale						
22	375	Lime						
3	378	Black Sha	le					
7	385	Lime						
3	388	Shale						
41	433	Shale					-	
14	447		ne shale)(oil show)(fair b	leed)			1	
112	559	Shale						
7	566	Lime					I	
30 10	596	Shale						CE - 3:00 PM - 10/12/17
10 2	606 608	Lime Oil Sand (s	shaley)(fair bleed)					1:30 PM – TALKED TO BROOKE
10	618	Shale	anerey Area oread)		-			00 PM - 10/13/17
3	621	Lime (oder	1					3:00 PM - TALKED TO BROOKE