Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1370577

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY	- DESC	RIPTION	OF WE	ELL &	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:
☐ 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 #:	
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 TwpS. R East West
Recompletion Date 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	1370577
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INSTRUCTIONS: Show important tops of formations penetrated	etail 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			Yes No		🗌 Lo	og Formatio	on (Top), Dep	th and Datum	Sample
Samples Sent to	,	/ey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs R	/ Mud Logs		Yes │No Yes No Yes No						
			CASING leport all strings set-	RECORD [New		on oto		
	Size	Hole	Size Casing	Weight	Je, mier	Setting	Type of	# Sacks	Type and Percent
Purpose of St		illed	Set (In O.D.)	Lbs. / Ft.		Depth	Cemen		Additives
			ADDITIONAL	CEMENTING	/ SQUE	EEZE RECORD			
Purpose: Perforate		epth T Bottom	ype of Cement	# Sacks Us	ed		Туре	and Percent Additives	
Protect Ca Protect Ca Plug Back	тд								
	one								
	e of the total base	fluid of the hydrauli	is well? c fracturing treatmer pmitted to the chemi		-	Yes Yes Yes	No (If N	lo, skip questions 2 ar lo, skip question 3) lo, fill out Page Three	
Date of first Produc Injection:	ction/Injection or R	esumed Productior	n/ Producing Met	hod:		Gas Lift 🗌 C)ther (Explain) .		
Estimated Produc Per 24 Hours		Oil Bbls.	Gas	Mcf	Water	r B	bls.	Gas-Oil Ratio	Gravity
DISPO	DSITION OF GAS:		l	METHOD OF CO	OMPLET	FION:			DN INTERVAL: Bottom
Vented	Sold Used	I on Lease	Open Hole		Dually (Submit A		nmingled mit ACO-4)	юр	Dottom
(If vente	ed, Submit ACO-18.)			(Submit	(Sub)	(IIII ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At		Acid,		t, Cementing Squeeze d Kind of Material Used)	
	- 12								

Packer At:

TUBING RECORD:

Size:

Set At:

Form	ACO1 - Well Completion
Operator	Bobcat Oilfield Service, Inc.
Well Name	CAYOT 2-17
Doc ID	1370577

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	8.250	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	B	lox 266, N Office		City, Ks 6 795-2991	A	2		
Surfac 20' of		Cemented:	Hole Size:		# 913-	/95-2991	in 1-11	Well #: 2-17		
Longs		5 Sacks Cemented:	8 ³ /4" Hole Size:					Location: NW,NE,NE,SW, S24-T16-		
	f 2 7/8"	85 sacks	5 5/8"					R21E		
	d pipe							County: Miami		
SN: -		Packer: -		TD: 73	ľ			FSL: 2597		
							Well	FEL: 3099		
Plugg	ed: -	Bottom P	lug:		1	_og		API#: 15-121-31368-00-00		
Lease	,	Cayot		-		-09		Started: 10-9-17 Completed: 10-11-17		
Owner		- HALL RANGE	d Services Inc	-				Completed: 10-11-17		
OPR #		3895	d outvices inc	-		2				
			ON DRODUCTION	_						
Contra	ictor:	CO.	ON PRODUCTION							
OPR #	:	4339		-						
TKN	Твтм	Formation			TKN	ВТМ	Formation			
	Depth		•			Depth	Formation			
1	1	Top Soil			1	600	Shale (Oil sa			
7	8	Clay Lime			2	602 616	Oil sand (fair	r bleed)		
4	29	Shale			14	616	Shale Lime			
2	31	Black Shal	e		2	621	Shale Black			
10	41	Lime			23	644	Shale			
8	49	Sandy Sha	le		5	649	Līme			
20	69	Lime			20	669	Shale			
4	73 76	Shale Red Bed			3	672		Lime (Oder)		
2	78	Shale			4	673 677	Oil Sand (limey)(poor bleed)			
8	81		(water)(shaley)		2	679	Oil sand (some shale)(fair bleed) Oil sand (shaley)(fair bleed)			
8	89	Shale			2	681	Sandy shale (Oil sand strks)			
19	113	Lime			4	685	Oil sand (very shaley)(poor bleed)			
4	117	Shale			2	687	Sandy Shale (Oil sand strks)			
4 80	121	Sandy Sha	le		TD	731	Shale			
19	201	Shale								
6	226	Shale								
12	238	Sand (wate	er)(shatey)		1					
12	250	Shale								
8	258	Lime								
21 9	279 288	Shale Sand (wate	ari .							
2	200	Sand (wate								
9	299	Lime								
4	303	Shale								
1	304	Lime								
15 9	319 328	Shale								
3	328	Lime Shale								
12	343	Lime								
4	347	Black Shale	9							
5	352	Shale								
24	376	Lime								
3	379	Black Shale	9							
5	384 387	Lime Shale				-				
5	392	Lime					SET SUREA	CE - 2:30 PM - 10/9/17		
165	557	Shale						1:30 PM - TALKED TO BROOKE		
7	564	Lîme						IG - 722' of 2 7/8" 8' ROUND PIPE		
29	593	Shale						2:00 PM - 7/11/17		
6	599	Līme					CALLED IN 1	10:20 AM - TALKED TO LARRY		