## KOLAR Document ID: 1423245

Confiden	tiality Re	quested:
Yes	No	

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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

## WELL COMPLETION FORM

WELL	HISTORY	<ul> <li>DESCRIPTION</li> </ul>	VOF 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.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
OilWSWSWD GasDHEOR	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 #:           GSW         Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Reached TD Recompletion Date of 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:						

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Operator Nam	ne:			Lease Name:	_ Well #:
Sec	Twp	S. R	East West	County:	

Page Two

**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 (Attach Additional Sheets)		Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c		Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Used			Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas Mcf Water Bbls. Gas-Oil Ra				Gas-Oil Ratio	Gravity	
DISPOSITIO	N OF GAS:		METHOD OF			TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold Used on Lease (If vented, Submit ACO-18.)			Open Hole Perf.			·	mingled	юр	
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Bobcat Oilfield Service, Inc.
Well Name	CAYOT 11-18
Doc ID	1423245

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	8.750	6	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	6	735	Portland	100	50/50 POZ

	Cell # 62(	)-363	-2683			Dale Jac Box 266, I		oduction City, Ks 6			
						Offic	e # 620-	363-2696			1A
Surfa 20' of		10.000	nented:	Hole S	Size:				The summer are to setting	Well #: 11-18	
0.0000 0.000	o string:		acks nented:	8 <sup>3</sup> / <sub>4</sub> " Hole S	lizo.	5 5/9			[	Location: NE,NW,SE,SW, S24-T16-	
735' 2		1000	sacks	line	126.	5 5/6			-	R21E County: Miami	
round	l I								-	FSL: 1144	
SNI: N		L	Packer:	1	-		1			FEL: 3317	
SN: None Packer:			1	Nell L	og -	API#: 15-121-31508-00-00					
Plugg	ed:		Bottom P	lug:		-			ŀ	Started: 10-3-18	
									ŀ	Completed: 10-5-18	
TD: 74	11'				L	ease:	Cayot				
					C	)wner:	Bobca	t Oilfield S	ervices Inc		
					C	)PR #:	3895				
					C	ontractor:	DALE	JACKSON	PRODUCTION		
							CO.				
TION	1 DTM				C	PR #:	4339				
TKN	BTM Depth		Formation				TKN	BTM Depth	Formation		
1	1		Top Soil				4	591	Shale		
12 5	13		Clay				3	594	Lime		
5	23		Lime Clay				20	614 618	Shale		
13	36		Lime				3	618	Lime Shale (very lime	24)	
5	41		Black Shale	е			1	622	Sandy Shale (o		
12	53		Lime				12	634	Shale		
7	60		Sandy shal	е			6	640	Lime		
1 22	61 83	_	Shale Lime			1.10.00000	3	643	Coal		
4	87		Shale				13	656 673	Shale		
5	92		Red bed			1	673	Shale (limey) Lime			
16	108		Shale				18	692	Shale (limey)		
18	126		Lime				1	293	Oil Sand (limey	) Good	
5 74	131 205	_	Sand Shale	•			4	697		shale) (Good bleed)	
23	238	-	Lime		N		5	702 706	Oil Sand (Shale Shale (oil sand		
6	244	-	Shale				TD	700	Shale (oil sand	suks)	
8	252		Sandy Sha	e							
11	263		Shale		- I GILS						
11	274 276		Lime								
1	276		Shale Coal								
19	296	-	Shale								
8	304		Sand (odor	) (water)							
10	314		Lime								
2 18	316 334		Limey Shale	8							
24	358		Lime								
5	363		Black Shale	•							
3	366		Shale								
24	390		Lime								
5 3	395 398		Black Shale								
4	402		Shale						Surface 10-3 19	, Set time 4:00pm	
6	408		Lime						Called 3:00pm, 1		
2	410		Limey Shale	Э					Long string 735'	of 2 7/8 8 rd TD 741'	
38	448		Shale						Set time 2:00 pn	n	
6 77	454 531		Shale (oil sa	and strks)						n, talked to Brooke	
5	531		Shale Sand (odor)	(very sha	ev)				10-5-18		
42	578	-	Shale	(vory and	(v,						
9	587		Lime								
									4		