KOLAR Document ID: 1426078

Confidentiality Requested:

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 - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
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:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) 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
•	If Alternate II completion, cement circulated from:
Operator:	•
Well Name:	feet depth to: 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. Twp. S. 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 Approved by: Date:				

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Page Two

Operator Name:				Lease Name:			Well #:	
Sec Twp.	S. R.	Ea	st West	County:				
	lowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to G	eological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		Re			New Used	ion, etc.		
Purpose of Strin		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	QUEEZE RECORD	l		
Purpose:		epth Ty Bottom	pe of Cement	# Sacks Used		Type and F	Percent Additives	
Protect Casii								
Plug Off Zon								
 Did you perform a Does the volume o Was the hydraulic 	of the total base f	luid of the hydraulic	fracturing treatment	_	_	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Producti Injection:	on/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			ON INTERVAL:
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom
,	Submit ACO-18.)							
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5513 1200 10.	5120.		···	. 30.0.71				

Form	ACO1 - Well Completion		
Operator	Bobcat Oilfield Service, Inc.		
Well Name	SCHENDEL R4-18		
Doc ID	1426078		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	8.750	6	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	8	707	Portland	90	50/50 POZ

Dale Jackson Production Co. Box 266, Mound City, Ks 66056

Cell # 620-363-2683

Office # 620-363-2696

Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 3/4"
Longstring: 707 of 2 7/8 8" round	Cemented: 90 sacks	Hole Size: 5 5/8

SN: 674' Packer:
Plugged: Bottom Plug:

TD: 721'

Lease: Schendel
Owner: Bobcat Oilfield Services Inc
OPR #: 3895
Contractor: DALE JACKSON PRODUCTION
CO.
OPR #: 4339

Well Log

Well #: R4-18
Location: NW,NE,NE,NW, S24-T16-R21E
County: Miami
FSL: 5055
FEL: 3139
API#: 15-121-31507-00-00
Started: 10/17/18
Completed: 10/18/18

OPR #: 43		4339					
TKN	BTM Depth	Formation	TKN	BTM Depth	Formation		
1	1	Top Soil		653	Lime		
8	9 Clay		8	661	Shale		
11	20	Lime	1	662	Black Shale		
3	23	Shale	9	671	Shale (very limey)		
3	26	Black Shale	5	676	Light Shale		
12	38	Lime	3	679	Oil Sand (very shaley) (poor bleed)		
8	46	Sand	3	682	Oil Sand (some shale) (fair bleed)		
17	63	Lime	4	686	Oil Sand (shaley) (fair bleed)		
3	66	Shale	3	689	Oil Sand (Some shale) (good bleed)		
3	69	Red Bed	1	690	Oil Sand (very shaley) (fair bleed)		
11	80	Sand	5	695	Shale (oil sand strks)		
10	90	Shale	TD	721	Shale		
19	109	Lime					
37	146	Sandy shale (sand strks) (slight water flow					
55	201	Shale					
20	221	Lime					
7	228	Shale					
10	238	Sand	-	1			
13	251	Shale	_				
5	256	Lime	_	_	1		
20	276	Shale		+			
10	286	Sand		1	- 		
11	297	Lime	_		 		
24	321	Shale		+			
24	345	Lime		1			
8	353	Black	_	+	<u> </u>		
22	375	Lime		+	1		
5	380	Black shale		_	+		
4	384	Lime					
3	387	Shale	_	-			
5	392	Lime	_	-	+		
129	521	Shale		-			
129	521	Coal			 		
39	561				-		
	567	Shale					
6 25	592	Lime Shale	_		Surface 10/17/18, Set Time 3:30 pm		
25	592				Called in 2:57 pm, Talked to Brooke		
		Coal	_	_			
4	598	Shale			707' of 2 7/8 8 round long string		
24	622	Shale (fimey)(623-624) (oil sand strks)			Set Time 2:30 pm, 10/18/18		
7	629	Lime (odor)			Called 1:35 pm, Talked to Brooke		
2	631	Black shale					
8	639	Shale (oil sand strks) (631-632)					
10	649	Shale (limey)					