CORRECTION #1

KOLAR Document ID: 1458762

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:	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.xxxxxx) (e.gxxx.xxxxxx)
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	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? Yes No
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 □ Plug Back □ Liner □ Conv. to GSW □ Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
	Location of fluid disposal if hauled offsite:
EOR	
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:				

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Operator Name:				Lease Name	e:			Well #:	
Sec Twp	S. R.	East	West	County:					
and flow rates if gas	owing and shu to surface tes	t-in pressures, whe st, along with final	ether shut-in pre chart(s). Attach	essure reached s extra sheet if m	static le nore sp	evel, hydrosta pace is needed	tic pressures, bot d.	tom hole tempe	val tested, time tool rature, fluid recovery, Digital electronic log
files must be submit						maet 50 oma	ilou to Roo Woll le	go e noomo.gov	. Digital clockforms log
Drill Stem Tests Take	***	Y	∕es		_ Log	Formatio	n (Top), Depth a		Sample
Samples Sent to Ge	eological Surve	ey 🗌 Y	′es	l N	lame			Тор	Datum
Cores Taken Electric Log Run Geologist Report / M List All E. Logs Run:	-	Y	res □ No res □ No res □ No						
		Rep	CASING ort all strings set-c	RECORD	New , interm	Used	on, etc.		
Purpose of String			ze Casing	Weight		Setting	Type of	# Sacks	Type and Percent Additives
	Dri	lled Se	et (In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives
			ADDITIONAL	CEMENTING / S	SQUEE	ZE RECORD	I		
Purpose:		pth Type	e of Cement	# Sacks Used			Type and F	Percent Additives	
Perforate		Sottom		7,6					
Protect Casing Plug Back TD									
Plug Off Zone									
Did you perform a h	wdraulio fracturi	ng troatment on this	woll?			Yes	□ No. (If No. sk	ip questions 2 an	d 2)
 Does the volume of 	-	-		t exceed 350,000	gallons'	=	=	ip questions 2 an ip question 3)	u 3)
3. Was the hydraulic fr	acturing treatme	ent information submi	itted to the chemic	al disclosure regis	stry?	Yes	No (If No, fill	out Page Three o	of the ACO-1)
Date of first Production	n/Injection or Re	esumed Production/	Producing Meth	nod:					
Injection:	,		Flowing	Pumping	Ga	ıs Lift C	ther (Explain)		
Estimated Production Per 24 Hours	1	Oil Bbls.	Gas	Mcf	Water	Bi	ols. (Gas-Oil Ratio	Gravity
DISPOSI	TION OF GAS:		N	METHOD OF COM	/IPLETIC	ON:			N INTERVAL:
Vented Sc	old Used	on Lease	Open Hole		ually Co		nmingled	Тор	Bottom
(If vented, S	Submit ACO-18.)			(St	ıbmit AC	(Subi	mit ACO-4)		
Shots Per	Perforation	Perforation	Bridge Plug	Bridge Plug		Acid,	Fracture, Shot, Cer		Record
Foot	Тор	Bottom	Type	Set At			(Amount and Kind	of Material Used)	
TURING RECORD	Qi	0-1-41		Pookor At-					
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Bobcat Oilfield Service, Inc.
Well Name	SPINDLE 3-18
Doc ID	1458762

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	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	8	416	Portland	62	50/50 POZ

Lease:	Spindle	
Owner:	Bobcat Oilfiel	d Services Inc
OPR #:	3895	Ä
Contractor:	DALE JACKSO	N PRODUCTION CO.
OPR #:	4339	-5/H\
Surface:	Cemented:	Hole Size:
20' of 6"	5 Sacks	8 ¾"
Long string:	Cemented:	Hole Size:
416' 2 7/8	62 sacks	5 5/8
8 round		

Dale Jackson Production Co.

Box 266, Mound City, Ks 66056

Cell # 620-363-2683

Office # 620-363-2696

Well #: 3-18
Location: SE,SE,SE,SW, S18-T17-R24E
County: Miami
FSL: 179
FEL: 2859
API#: 15-121-31557-00-00
Started: 12/13/18
Completed: 12/18/18
TD: 421'

SN: 384'	Packer: -	ľ
		Π
Plugged: -	Bottom Plug: -	

Well Log

					I
TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	Top Soil		- орт	
5	6	Clay			
13	19	Lime			
26	45	Shale			
12	57	Lime			
8	65	Shale			
5	70	Sand (black sand strks)			
10	80	Shale			
6	86	Light Shale			
4	90	Lime			
46	136	Shale			
12	148	Lime			
14	162	Shale			
26	188	Lime (odor)			
8	196	Black Shale			
20	216	Lime			
2	218	Shale			
2	220	Black Shale			
3	223	Lime			
4	227	Shale			
9	236	Lime			
5	241	Shale light			
3	244	Sandy Shale (odor)			
13	257	Shale			
7	264	Sand			
2	266	Sandy Shale			
80	346	Shale			
33	379	Light Shale			
3	382	Black Shale (strong odor)			
4	386	Light Shale (odor)			
1	387	Oil Sand (shaley) (fair bleed)			
5	392	Oil Sand (limey) (coarse) (fair bleed)			
4	396	Oil Sand (shaley) (fair bleed)			
5	401	Sandy Shale (Oil sand strks)			
TD	421	Shale			
					Surface 12/13/18, Set time 2:00 pm
					Called 1:00 pm, Talked to Brooke
					Long string 416' 2 7/8 , TD 421'
					12/18/18 Called 2:30 pm
					Set time 3:00 pm, Talked to Michelle

Summary of Changes

Lease Name and Number: SPINDLE 3-18

API/Permit #: 15-121-31557-00-00

Doc ID: 1458762

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Electric Log Run?	No	Yes
Elogs_PDF		GammaRayNuetronCC
Approved Date	01/07/2019	L 04/29/2019
Method Of Completion - Perf	No	Yes
Producing Method Pumping	No	Yes
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=14	//kcc/detail/operatorE ditDetail.cfm?docID=14
TopsDatum1	31801 NA	58762 GL
TopsDepth1	NA	388
TopsName1	NA	Peru

Summary of Attachments

Lease Name and Number: SPINDLE 3-18

API: 15-121-31557-00-00

Doc ID: 1458762

Correction Number: 1

Attachment Name