KOLAR Document ID: 1415074

Confiden	tiality 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.:
	Spot Description:
Name:	
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: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.gxxx. xxxxx)
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
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	Deilling Fluid Menonement Blen
Plug Back Liner Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Oblavida content
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 #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or 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 Take				Yes] No			Log	Formatio	n (Top), Deptl	n and Datum	Sample
(Attach Additiona				<i>(</i>	1		Nan	ne			Тор	Datum
Samples Sent to Ge Cores Taken Electric Log Run Geologist Report / M List All E. Logs Run:	Mud Logs	rvey		res res res] No] No] No] No							
			Rep			RECORD			Used	on, etc.		
Purpose of String		ze Hole Drilled	S	ize Casing et (In O.D.]	Wei Lbs.	ght	5	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Purpose:		Depth	Tur	ADDI e of Ceme		_ CEMENTI # Sacks		UEEZE	RECORD	Tupo or	nd Percent Additives	
Perforate Top Bottom Protect Casing Plug Back TD Plug Off Zone			Typ		5111	# 54068	oseu			Type at	iu Fercent Additives	
 Did you perform a h Does the volume of Was the hydraulic fr Date of first Production Injection: 	the total base	e fluid of the h	ydraulic f ion subm	racturing t itted to the Produce		cal disclosure	e registry		☐ Yes ☐ Yes ☐ Yes ft ☐ O	No (If No	, skip questions 2 ar , skip question 3) , fill out Page Three	
Estimated Production Per 24 Hours	I	Oil B	Bbls.	Ga	as	Mcf	Wa	ter	Bt	bls.	Gas-Oil Ratio	Gravity
DISPOSIT	TION OF GAS	5:			1		COMPL	ETION:			PRODUCTIC Top	DN INTERVAL: Bottom
	old Use	ed on Lease 3.)		Open Hole Perf.		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		•				
Shots Per Foot	Perforation Top	Perforat Bottor		Bridge F Type	Plug	Bridge Plu Set At	ıg		Acid,		Cementing Squeeze Kind of Material Used)	
TUBING RECORD:	Size:		Set At	:		Packer At:						

Form	ACO1 - Well Completion
Operator	Lakeshore Operating, LLC
Well Name	LILLIE SNAVELY LO-6
Doc ID	1415074

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	22	PORTLAN D	9	0
Production	5.875	2.875	6.5	850	POZ BLEND IIA		0

		IELD TICKET & TREAT	agy and	LOCATION	BER 539 Ottawg Alan M	ade-
PO Box 884, Chi 620-431-9210 o	mate, no ourza	CEMENT	IENT REP	invol	ice #812	45D
DATE	USTOMER # W	ELL NAME & NUMBER	-SECTION	TOWNSHIP	RANGE	COUNTY
2-19-18	4807 Lillip	Snavehild.6 1	10 27	BD	16	Wh
CUSTOMER	~			and the second		
MAILING ADDRESS	re,		TRUCK#	DRIVER	TRUCK#	DRIVER
340	C 1		100	719/190	047ex	y Meit
CITY	Shquan	ZIP CODE	10-	Har Dec		
Wichita	KS	67210 : 1	ROH	Milci-		
JOB TYPE LONG	2400	57/8 HOLE DEPTH	8601	CASING SIZE & V	VEIGHT	18
CASING DEPTH	RILL PIPE		uev	CASING SIZE &	OTHER	
SLURRY WEIGHT	SLURRY VO			CEMENT LEFT In		5
DISPLACEMENT		IENT PSI 800 MIX PSI 202		RATE 7	pm	
REMARKS: Held	& meetine.	Establ: shed	rate.	Mixo	RXI	un Der
100 # 98	1 followed	2 by 97 515	Port	Slend T	Apla	22
sel 5th	- Kolgeal 1	# Pheno seal 1	Der 6grak	· (:ru	alated	
Cemen	f. Flushed	DIAMO. PUNC	red o	luc to	105:0	OTD
Well h	12 800 PSI	Get float.	~~~/~	10 10	- au -	
	Matt hei	5		10	Madel	
. 7	on billnan u	ras on site		A VAIO	Jun	
				Jun		
ACCOUNT	QUANITY or UNITS	DESCRIPTION of SE	RVICES or PRO	DUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE		495	1500-0	
CE00021	To	MILEAGE		495	15750	
LEVUL	50				34/000	
	SD MIA				YI TO	
50711	MIA	ton miles		804	66000	
	MIN		- Cub		660	
50711	MIN	ton miles	Sub	804 675	660	17050
50711	MIN	ton miles	545	804 675	660	175850
ED 711 DE 0853	Min 4	ten niles BD vec	he53	804 675	660 400= 29175 1167=0	175050
ED 711 DE 0853 MC 58-52	<u>Min</u> 4 3 97	ton miles	he53	804 675	660	175050
ED 711 DE 0853	Min 4 3 97 267 #	ton Miles BD vec Poz Blend IF, gel	he53	804 675	660 400= 29175 1167=0	175050
ED711 DE0853 AC5842 CC59655 LC 60776	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend If, gel Kolbeal	4 	804 675	660 400= 29175 1167=0	17505
ED711 DE0853 DE0853 CC59652 CC59652 CC59652 CC59652 CC59652 CC59652	Min 4 3 97 267 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	he53	804 675	660 400= 29175 1167=0	175850
ED711 DE0853 AC5842 CC59655 LC 60776	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend If, gel Kolbeal	4 	804 675 40% -	660 400= 29175 1167=0	175050
ED711 DE0853 DE0853 CC59652 CC59652 CC59652 CC59652 CC59652 CC59652	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 9 (54)	804 675 40% -	660^{-0} 400^{-0} 29175^{-0} 167^{-0} 143075^{-0} 80^{-0} 2735^{-0} 30^{-15} 45^{-0} 45^{-0} 19293^{-0}	
ED711 DE0853 DE0853 CC59652 CC59652 CC59652 CC59652 CC59652 CC59652	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 	804 675 40% -	660 400= 29175 1167=0	115758
ED711 DE0853 DE0853 CC59652 CC59652 CC59652 CC59652 CC59652 CC59652	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 9 (54)	804 675 40% -	660^{-0} 400^{-0} 29175^{-0} 167^{-0} 143075^{-0} 80^{-0} 2735^{-0} 30^{-15} 45^{-0} 45^{-0} 19293^{-0}	
ED711 DE0853 DE0853 CC59652 CC59652 CC59652 CC59652 CC59652 CC59652	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 9 (54)	804 675 40% -	660^{-0} 400^{-0} 29175^{-0} 167^{-0} 143075^{-0} 80^{-0} 2735^{-0} 30^{-15} 45^{-0} 45^{-0} 19293^{-0}	
ED711 DE0853 DE0853 CC59652 CC59652 CC59652 CC59652 CC59652 CC59652	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 9 (54)	804 675 40% -	660^{-0} 400^{-0} 29175^{-0} 167^{-0} 143075^{-0} 80^{-0} 2735^{-0} 30^{-15} 45^{-0} 45^{-0} 19293^{-0}	
ED711 DE0853 DE0853 CC59652 CC59652 CC59652 CC59652 CC59652 CC59652	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 9 (54)	804 675 40% -	660 400 291750 167 60 10 80 10 80 10 80 10 80 10 80 10 80 10 80 10 80 10 80 10 10 80 10 10 10 10 10 10 10 10 10 10 10 10 10	
ED 711 DE 0853 AC 5842 CC 59652 CC 59652 CC 6077	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 9 (54)	804 675 40% -	660 400 291750 167 0 167 0 80 10 10 80 10 10 10 10 10 10 10 10 10 10 10 10 10	<u>115758</u> <u>7524</u>
ED 711 DE DB 53 AC 5842 CC 59655 CC 59655 CC 6077 C 6079 C 6079	Min 4 3 97 267 # 485 #	ton Miles BD vec Poz Blend IL, gel Kolbeal Phenoseal	4 9 (54)	804 675 40% -	660 400 291750 167 60 10 80 10 80 10 80 10 80 10 80 10 80 10 80 10 80 10 80 10 10 80 10 10 10 10 10 10 10 10 10 10 10 10 10	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

Operator License #: 35122	API #: 15-205-28411-00-00				
Operator: Lakeshore Operating, LLC	Lease: Lillie Snavely				
Address: 23 ½ E Madison Ste A Iola, KS 66749	Well #: LO-6				
Phone: (620) 432-1192	Spud Date: 2/9/18 Completed: 2/13/18				
Contractor License: 34036	Location: NE-NE-SE-NW of 27-30S-16E				
T.D.: 882 T.D. of Pipe: 875	3760 Feet From South				
Surface Pipe Size: 7" Depth: 22'	2856 Feet From East				
Kind of Well: Oil	County: Wilson				

LOG

Thickness	Strata	From	То	Thickness	Strata	From	То
12	Soil/Clay	0	12	3	Shale	610	613
3	Lime	12	15	3	Black Shale	613	616
38	Shale	15	53	3	Shale	616	619
7	Lime	53	60	9	Lime	619	628
26	Shale	60	86	59	Shale	628	687
45	Lime	86	131	1	Lime	687	688
3	Coal/Black Shale	131	134	70	Shale	688	758
5	Lime	134	139	5	Oil Sand	758	763
65	Shale	139	204	21	Shale	763	784
20	Lime	204	224	16	Oil Sand	784	800
11	Shale	224	235	2	Dark Sand	800	802
24	Lime	235	259	1	Coal	802	803
5	Shale	259	264	29	Shale	803	832
4	Black Shale	264	268	9	Hard Sand/odor	832	841
3	Lime	268	271	41	Shale	841	882
25	Shale	271	296				
3	Lime	296	299				
15	Shale	299	314		T.D.		882
2	Lime	314	316		T.D. of pipe		875
15	Shale	316	331				
6	Lime	331	337				
30	Shale	337	367				
11	Lime	367	378				
125	Shale	378	503				
30	Lime	503	533				
2	Black Shale	533	535				
50	Shale	535	585				
25	Lime	585	610				