KOLAR Document ID: 1380147

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 November 2016 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:	SecTwpS. R				
Address 2:	Feet from North / South Line of Sectio				
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 #:				
	Field Name:				
New Well Re-Entry Workover	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				
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 #:				
Could Date or Date Decembed TD Commission Date or	Quarter Sec TwpS. R				
Spud Date or Date Reached TD Completion Date or 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 Na	ame: _			Well #:	
SecTwp	oS. F	R [East	West	County: _					
open and closed, and flow rates if g	flowing and sh gas to surface t y Log, Final Lo	nut-in pressur est, along wit gs run to obt	es, whe th final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reache extra sheet i and Final Elec	ed stati if more ctric Lo	c level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool trature, fluid recovery, Digital electronic log
Drill Stem Tests To			Ye	es No		L	og Formatio	on (Top), Dept	h and Datum	Sample
Samples Sent to	*	vey	Ye	es 🗌 No		Nam	е		Тор	Datum
Cores Taken Electric Log Run Geolgist Report / List All E. Logs Ru	_		_	es No es No es No						
			Reno		RECORD	Ne	w Used	on etc		
Purpose of Str	ing Siz	e Hole	-	e Casing	Weight		Setting	Type of	# Sacks	Type and Percent
Fulpose of Sti	"' ['] [Prilled	Set	t (In O.D.)	Lbs. / F	t.	Depth	Cement	Used	Additives
				ADDITIONAL	. CEMENTING	3 / SQL	JEEZE RECORD			
Purpose:		Depth Bottom	Туре	of Cement	# Sacks U	sed		Туре а	nd Percent Additives	
Perforate Protect Cas Plug Back	sing	Dottom								
Plug Off Zo										
Did you perform Does the volume Was the hydraulic	of the total base	fluid of the hyd	draulic fra	acturing treatmen		•		No (If No	o, skip questions 2 and o, skip question 3) o, fill out Page Three o	•
Date of first Produc	ction/Injection or	Resumed Prod	uction/	Producing Meth			0.1%	W (5 / /)		
,		0.1 0.1		Flowing	Pumping			Other (Explain) _	0 015 1	
Estimated Product Per 24 Hours	tion	Oil Bb	ols.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
DISPO	SITION OF GAS	3:		N	METHOD OF C	OMPLE	ETION:		PRODUCTIO	
Vented	Sold Use	d on Lease		Open Hole	Perf.	_ ,		nmingled	Тор	Bottom
(If vented	d, Submit ACO-18	.)				(Submit	ACO-5) (Sub	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom		Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
				, , , , , , , , , , , , , , , , , , ,				,	,	
TUBING RECORD): Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion					
Operator	Oneok Field Services LLC					
Well Name	CIRCLE 9 1					
Doc ID	1380147					

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	16	10	8	20	Portland	10	0

MESA

 Job No.
 10-16-7284
 PO/WO No.
 Date
 8/25/2017

 Client
 ONEOK
 Drilling Co.
 WOOFTER PUMP & WELL

 Location
 CIRCLE 9
 GPS:
 Lat:
 N37.242025
 Long:
 W101.429296

 Calibrated Instrument Used
 FLUKE 177
 S/N
 36610585

Calibra	ica matram	oscu	FLUKE 1//			-	3/N 3001U383				
÷	Logging Volts:	12.6		÷.	Logging Volts:	12.6			£	oke	- 4
Depth	Amps	Ohms	Geological Log	Depth	Amps	Ohms	Geological Log	No.	Depth	No Coke	With Coke
5			0-2 SURFACE	205	1.30	9.69		1	240	1.60	5.40
10				210	1.20	10.50		2	230	1.40	5.40
15			2-15 CLAY	215	1.20	10.50		3	220	1.20	5.50
20				220	1.20	10.50		4	210	1.20	5.50
25	1.10	11.45		225	1.00		168-224 SANDY CLAY	5	200	1.30	5.50
30	1.70	7.41		230	1.40	9.00		6	190	1.10	5.40
35 40	1.50 1.10	11.45	15-35 SANDY CLAY	235	1.70 1.60	7.41 7.88		7 8	180 170	1.00	5.50 5.50
45	1.60	7.88		245	1.40	9.00		9	160	1.30	5.60
50	1.60	7.88		250	1.20		224-250 SAND	10	150	1.40	5.60
55	0.90	14.00		255				11	140	1.60	5.70
60	0.80	15.75		260				12	130	1.90	5.80
65	0.80	15.75		265				13			
70	0.70	18.00		270				14			
75	0.50	25.20		275				15			
80	0.50	25.20	35-79 SANDY GRAVEL	280				16			
85	0.40	31.50		285				17			
90	0.50	25.20		290				18			
95 100	0.90 1.40	14.00	79-98 CLAY	295 300				19 20			
105	1.70	7.41	73-38 CLAT	305				21			
110	1.50	8.40		310				22			
115	1.70	7.41		315				23			
120	1.90	6.63		320				24			
125	2.60	4.85		325				25			
130	1.90	6.63		330				26			
135	1.60	7.88		335				27			
140	1.60	7.88		340				28			
145	1.40	9.00		345				29			
150	1.40		98-146 SANDY CLAY	350	-			30			
155 160	1.40 1.30	9.00		355 360	-			31 32			
165	1.30	10.50		365				33			
170	1.00		146-168 SAND	370				34			
175	1.00	12.60		375				35			
180	1.00	12.60		380				36			
185	1.00	12.60		385				37			
190	1.10	11.45		390				V	olts of	12.60	12.60
195	1.10	11.45		395	ļ			1	mps	16.00	66.40
200	1.30	9.69		400	<u> </u>			0	hms	0.79	0.19
Hole Dia		10''	Total Depth:	250		Casing:	Feet: 20' Dia.:	10''	Type:		R 21
No. And		12	**	X80 GRA		Anode Lea		#8	Type:		LAR
Lbs. Col		5750#	• • • • • • • • • • • • • • • • • • • •	LORESCO				77'	Vent:		50'
Lbs. Plug: 2500# Plug Type: BENTONITE Top of Plug: 3' BELOW SURFACE											

			TY	'PE 3	PAGE	1	OF	1
CLIENT:	ONEOK		PROJECT NAME:	Groundbed Insta	llation DATE	DRILLED:	TBD	
SITE: Multp	ole		LOCATION:	Kansas				
OTHER ID#	-		FACILITY:		GPS			
DRILLING COMPANY:	Woofter D	rilling	RIG:		BOREHOLE: 10	inch		
LOGGED BY:	Brewer		DRILLING METHOD:	Wet Rotary or Dr	y FLUIC Wa	ater if wet ro	tary	
		TYPE	INTERVAL	MATERIAL	JOINT LE	NGTH	DIAME	TER

	TYPE	INTERVAL	MATERIAL	JOINT LENGTH	DIAMETER						
CASING:	SDR 21	0-20'	PVC		10"						
Casing data	20 ft casing grouted wit	20 ft casing grouted with estimated 10 sacks Portland									
Plug	Bentonite plug to 77 bg	Bentonite plug to 77 bgs									

с рертн (FT.) DEEP GROUNDBED WELL CONSTRUCTION DESCRIPTION/COMMENTS S O I L 20" CEMENTED CASING Casing Casing P U R E G O L D B E N T O N I T E 77 130 LORES CO B R E E Z E COKE GRAPHITE ANODE S 12 250

Not to scale

Initial Depth to Water: Static Depth to Water:

Comments