KOLAR Document ID: 1531662

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	 DESCRIPTION 	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:

KOLAR Document ID: 1531662

Operator Nan	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 Sh	acate)	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 CEMENT				CEMENTING /	SQU	EEZE RECORD				
Purpose: Depth Perforate Protect Casing		Туре	e of Cement	# Sacks Use	d	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone										
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	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	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity	
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	CTION INTERVAL:	
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	mingled	юр	Bottom	
	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	Southern Star Central Gas Pipeline, Inc.
Well Name	RECT 783 01
Doc ID	1531662

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	16.500	10.500	70	20	BENTONI TE	27	WATER



4520 State Hwy 136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383-1716

De	ep Well GroundBed	Data:			Date:	09/26/20			
Job Number:	SST07-2020-KS			Drilling Contractor:			S CP INSTA	LLATION, IN	С.
	SOUTHERN STAR C			Facility/Line:		3			
	DEEP WELL			State:					
Well Depth:					LINCOLN				
Diameter:				Other-Driller:					
Casing:	20' OF 10"				lling Method:				
Type of Backfill:	SC2			Base Us	eable Water:	N/A			
Anode Type:	1 SET OF 20 ANOTE	CH 3884							
	N39.1903347868, W			TE	ST VOLTS:	N/A			
Remarks:	,,				0				
Romanio.									
	Dalilla a La a			(A	
	Drilling Log			ectrical L				<u>Anode</u>	
				FORE BACKE				AFTER B	
Depth:	Formation Type:	Material:	Volt	Anode	Anode #		V	olt Anode	Anode
				Depth				Depth	
0'	LIMESTONE	CASING/HOLEPLUG							
5'	LIMESTONE	CASING/HOLEPLUG							
10'	LIMESTONE	CASING/HOLEPLUG							
15'	LIMESTONE	CASING/HOLEPLUG							
20	LIMESTONE	HOLEPLUG	1	İ					1
25	LIMESTONE	HOLEPLUG							1
30	LIMESTONE	HOLEPLUG							-
	LIMESTONE						<u>├</u>		+
35 40		HOLEPLUG							-
	LIMESTONE	HOLEPLUG							
45	LIMESTONE	HOLEPLUG				ļ			-
50	SHALE	HOLEPLUG							
55	SHALE	HOLEPLUG							
60	SHALE	HOLEPLUG							
65	SHALE	COKE							
70	SHALE	COKE							1
75	SHALE	COKE							
80	SHALE	COKE							
85	SHALE	COKE							
90	SHALE	COKE							
95	SHALE	COKE							
100	SHALE	COKE							
105	SHALE	COKE			20				
110	SHALE	COKE							
115	SHALE	COKE			19				
120	SHALE	COKE							
125	SHALE	COKE			18				
130	SHALE	COKE	1	1	-				1
135	SHALE	COKE			17			1	1
140	SHALE	COKE			.,				1
145	SHALE	COKE			16				+
	SHALE				10		<u>├</u>		+
150		COKE			45				
155	SHALE	COKE			15		┝──┤─		+
160	SHALE	COKE					└── 		
165	SHALE	COKE			14				
170	SHALE	COKE							
175	SHALE	COKE			13				
180	SHALE	COKE							
185	SHALE	COKE			12				
190	SHALE	COKE							
195	SHALE	COKE			11				1
200	SHALE	COKE							1
205	SHALE	COKE			10				
203	SHALE	COKE			10				
			-		0		<u>├──</u>		
215	SHALE	COKE	_		9		├		
220	SHALE	COKE				ļ			
225	SHALE	COKE			8				
230	SHALE	COKE							
235	SHALE	COKE			7				
	SHALE	COKE							
240	SHALL								
240 245	SHALE	COKE			6				



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[Deep Well GroundBed Data				Date: 09/26/20					
	: SST07-2020-KS			Drilling Contractor: MCLEANS CP INSTALLATION, INC.						
Company Name	SOUTHERN STAR CE			Facility/Line:						
Subject	DEEP WELL				State:	KS				
Well Depth						LINCOLN				
Diameter					Other-Driller:					
	: 20' OF 10"				illing Method:					
Type of Backfill				Base Us	eable Water:	N/A				
	1 SET OF 20 ANOTE									
	: N39.1903347868, W98	3.1912489946		T	EST VOLTS:	N/A				
Remarks	:									
	Drilling Log			Electrical Log Anode			Anode L	<u>og</u>		
			E	SEFORE BACK	FILL	AFTER BACK			KFILL	
Depth:	Formation Type:	Material:	Volt	Anode	Anode #		Volt	Anode	Anode #	
				Depth				Depth		
255	SHALE	COKE			5					
260	SHALE	COKE								
265	SHALE	COKE			4					
270	SHALE	COKE								
275	SHALE	COKE			3					
280	SHALE	COKE								
285	REDBED	COKE			2					
290	REDBED	COKE								
295	REDBED	COKE			1					
300	REDBED	COKE								

BELOW GROUND COMPLETION

