KOLAR Document ID: 1425898

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: Fee					
☐ OG ☐ GSW						
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)					
Described	Chloride content: ppm Fluid volume: bbls					
☐ Commingled Permit #:	Dewatering method used:					
SWD Permit #:	Location of fluid disposal if hauled offsite:					
EOR Permit #:	Location of fluid disposal if flauled offsite.					
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R					
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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Page Two

Operator Name: _				Lease Name:			Well #:		
Sec Twp.	S. R.	Ea	ast West	County:					
	flowing 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	. Digital electronic log	
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample	
Samples Sent to G	Geological 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						
		R			New Used	on, etc.			
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I			
Purpose:		epth Ty	pe of Cement	# Sacks Used	ed Type and Percent Additives				
Protect Casi									
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:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)			
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity	
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom	
	_	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.	JIEG.			. 30.0.71					

Form	ACO1 - Well Completion
Operator	Southern Star Central Gas Pipeline, Inc.
Well Name	C60801 01
Doc ID	1425898

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 CLAY	70	WATER



Deep Well GroundBed Data: Date: 10/06/18

Job Number: SST24-2018-KS Drilling Contractor: MCLEANS CP INSTALLATION, INC. Company Name: SOUTHERN STAR CENTRAL GAS PL Facility/Line: C60801-RECT 1122 Subject: **DEEP WELL** State: KS

Well Depth: 300 FT Diameter: 10 IN County: TREGO
Other-Driller: TR

Casing: 20 FT OF 10 IN Drilling Method: MUD Base Useable Water:

Type of Backfill: SC2
Anode Type: 1 SET OF 20 ANOTECH 2684 TEST VOLTS: N/A GPS: **38.887375**, **-99.651326**

Remarks:

Drilling Log			El	ectrical L	.og			Anode L	<u>-og</u>
			BEFORE BACKFILL				AFTER BACKFILL		
Depth:	Formation Type:	Material:	Volt	Anode	Anode #		Volt	Anode	Anode
				Depth				Depth	
0'	CLAY	CASING/HOLEPLUG							
5'	CLAY	CASING/HOLEPLUG							
10'	CLAY	CASING/HOLEPLUG							
15'	GRAVEL	CASING/HOLEPLUG							
20	GRAVEL	CASING/HOLEPLUG							
25	SAND	HOLEPLUG							
30	SAND	HOLEPLUG							
35	SAND	HOLEPLUG							
40	SHALE	HOLEPLUG							
45	SHALE	HOLEPLUG							
50	SHALE	HOLEPLUG							
55	SHALE	HOLEPLUG							
60	SHALE	HOLEPLUG							
65	SHALE	HOLEPLUG							
70	SHALE	HOLEPLUG							
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							
135	SHALE	COKE			17				
140	SHALE	COKE							
145	SHALE	COKE			16				
150	SHALE	COKE							
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				
200	SHALE	COKE				j			
205	SHALE	COKE			10	j			
210	SHALE	COKE				j			
215	SHALE	COKE			9	j			
220	SHALE	COKE							
225	SHALE	COKE			8				
230	SHALE	COKE							
235	SHALE	COKE			7				
240	SHALE	COKE							
245	SHALE	COKE			6				
250	SHALE	COKE		İ		1		1	



4570 State HWV 136 Amarillo 18 /9108-/61/ • 161 806-383-304/ • 18X 806-38	136, Amarillo, TX 79108-7617 • tel. 806-383-5047 • fax 806-383	ate Hwy 136, Amarillo	4520 5
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	Deep Well GroundBed Data				Date:	10/06/18					
Job Numb	Drilling Contractor: MCLEANS CP INSTALLATION, INC.										
Company Nar	ne: SOUTHERN STAR CE	NTRAL GAS PL		Facility/Line: C60801-RECT 1122							
Subje	ect: DEEP WELL		State: KS								
Well Dep	oth: 300 FT		County: TREGO								
Diamet	ter: 10 IN				Other-Driller: TR						
Casi	ng: 20 FT OF 10 IN			Dri	lling Method:	MUD					
Type of Back	fill: SC2			Base Us	eable Water:						
Anode Ty	pe: 1 SET OF 20 ANOTEC	H 2684									
GF	PS: 38.887375, -99.65132 6	i		TE	ST VOLTS:	N/A					
Remar	ks:										
	Drilling Log			Electrical Log				Anode Log			
			BE	FORE BACK	LL AFTE		AFTER BAC	TER BACKFILL			
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	SHALE	COKE			2						
290	SHALE	COKE									
295	SHALE	COKE			1						
300	SHALE	COKE									

BELOW GROUND COMPLETION

