KOLAR Document ID: 1424458

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:
☐ 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)
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 Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool rature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo		# Sacks Use		EEZE RECORD	Typo a	ad Parcent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	Type of Cement # Sacks Us		ed Type and Percent Additives				
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole				nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom							Record	
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Southern Star Central Gas Pipeline, Inc.
Well Name	C60540 01
Doc ID	1424458

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	17.5	10.75	.511	100	NEAT CEMENT	93	WATER



IC.
N

Subject: DEEP WELL
Well Depth: 330 FT
Diameter: 10 IN
Casing: 100' OF 10 IN State: KS
County: RENO
Other-Driller: TR Drilling Method: MUD

Type of Backfill: SC2
Anode Type: 1 SET OF 20 ANOTECH 2684
GPS: 38.01530075, -97.90381622 Base Useable Water: N/A

TEST VOLTS: N/A Remarks:

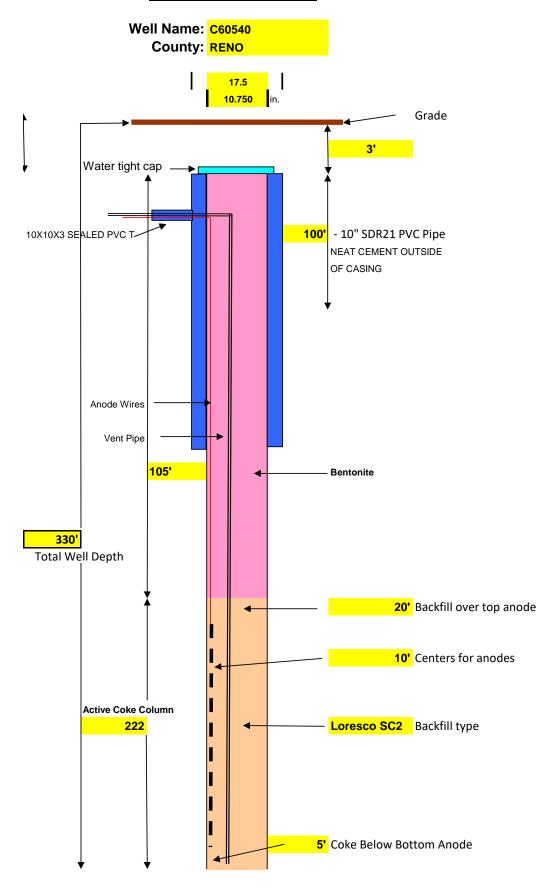
	Drilling Log		EI	ectrical L	<u>.og</u>		Anode Log			
		BEFORE BACKFILL				AFTER BACKFILL				
Depth:	Formation Type:	Material:	Volt	Anode	Anode #		Volt	Anode	Anode #	
				Depth				Depth		
0'	SAND	CASING								
5'	SAND	CASING								
10'	SAND	CASING								
15'	SAND	CASING								
20	SAND	CASING								
25	SAND	CASING								
30	GRAVEL	CASING								
35	GRAVEL	CASING								
40	GRAVEL	CASING								
45	GRAVEL	CASING								
50	GRAVEL	CASING								
55	SAND	CASING								
60	REDBED	CASING								
65	REDBED REDBED	CASING								
70 75	REDBED	CASING								
		CASING						1		
80	REDBED	CASING CASING	_						-	
85 90	REDBED REDBED	CASING/HOLEPLUG						1		
95	REDBED	CASING/HOLEPLUG CASING/HOLEPLUG								
100	REDBED	CASING/HOLEPLUG CASING/HOLEPLUG								
105	REDBED	HOLEPLUG								
110	REDBED	HOLEPLUG								
115	REDBED	COKE								
120	REDBED	COKE						1		
125	REDBED	COKE								
130	REDBED	COKE	-					1		
135	REDBED	COKE	-		20			1		
140	REDBED	COKE	-		20			1		
145	REDBED	COKE			19					
150	REDBED	COKE			13					
155	REDBED	COKE			18					
160	REDBED	COKE			10			1		
165	REDBED	COKE			17			1		
170	SHALE	COKE								
175	SHALE	COKE			16					
180	SHALE	COKE								
185	SHALE	COKE			15					
190	SHALE	COKE								
195	SHALE	COKE			14					
200	SHALE	COKE								
205	SHALE	COKE			13					
210	SHALE	COKE								
215	SHALE	COKE			12					
220	SHALE	COKE								
225	SHALE	COKE			11					
230	SHALE	COKE								
235	SHALE	COKE			10					
240	SHALE	COKE								
245	SHALE	COKE			9					
250	SHALE	COKE								



4520 State Hwy 136.	Amarillo, TX	79108-7617 •	tel. 806-383-	5047 •	fax 806-383-1716
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D	eep Well GroundBed [Data			Date:	10/04/18					
loh Number	SST02-2018-KS			Drillin	a Contractor	MCLEANS C	P INSTALL AT	ION INC			
	SOUTHERN STAR CE	NTRAL GAS PL	Drilling Contractor: MCLEANS CP INSTALLATION, INC Facility/Line: C60540 - RECT 73						•		
	DEEP WELL	THE CASE I		State: KS							
Well Depth:			County: RENO								
Diameter:				Other-Driller:							
Casing:	100' OF 10 IN			Dri	illing Method:	MUD					
Type of Backfill:	SC2				eable Water:						
Anode Type:	1 SET OF 20 ANOTEC	CH 2684									
GPS:	38.01530075, -97.9038	31622		<u>TI</u>	EST VOLTS:	N/A					
Remarks:								•	•		
	<u>Drilling Log</u>		<u> </u>	<u> lectrical</u>	Log	Anode Log					
			BE	FORE BACK				AFTER BAC	CKFILL		
Depth:	Formation Type:	Material:	Volt	Anode	Anode #		Volt	Anode	Anode		
				Depth				Depth			
255	SHALE	COKE			8						
260	SHALE	COKE									
265	SHALE	COKE			7						
270	SHALE	COKE									
275	SHALE	COKE			6						
280	SHALE	COKE									
285	SHALE	COKE			5						
290	SHALE	COKE									
295	SHALE	COKE			4						
300	SHALE	COKE									
305	SHALE	COKE			3						
	SHALE	COKE									
310			1	1	2				l		
315	SHALE	COKE									
315 320	SHALE	COKE									
315					1						

BELOW GROUND COMPLETION



EAKIN READY MIX

A Div. of Hays Ready Mix Inc. (A Monarch Company) 3024 Railroad Ave. | Great Bend, Ks 67530 Plant (620) 792-7733



551-02

TICKET NO. 18276

PLANT	10×57	NA TON	DATE 3/18	ACCOUNT BENETIAS			TROCK	iai	ORIVER:	TOST NO. 43100366
	NAC I	2300	3/1/10	3,000					National State of the last of	
		(1.00)	MERS & AUGUSTS		RUS COM		0.110000	2010	WARDERS	with a transmitted
		Innta	distin						SOUTH NU	
PURCHASE DRDE		DURISON	TION	TAXR	ATE CREDIT		No. of the			SLUMP
PURILIPASE UNIDE		- Administra	7755							10.0
			1002000				DESI	100 m 100	COVERO UNTI	AMOUNT
						3 (
	*				IX					
LEAVE PLA	ANT	ARRIVE JOB	SITE	START DISCHARGE	DEPART JOB	STR	ARRIVE PLANT	SUBTOTAL		
11.1	5	1214	0	2:45	1 3	20	· i	TAX		
			WARNING					COTHER CHAI	GES	
		RRITATING	TO THE SKIN AN					ADDITIONAL		
				NG CONTACT WILL CA Let With Skin or Eyes, F				-		
				AY. NO CREDIT FOR RE				SHORT LO	TOTAL AD FEE LESS THAN 2 1/	YARDS APPLIES
									FEE AND WRECKER FE	
			This hatch of cou	crete is mixed with	the		an cone			
			unt of water, If ad	ditional water is des			GALLONS	NOTE: V	le are not respons oncrete freezing a	sible for after placement.
						13.7.1.205.10				
HOTHO	F THE MONTH FO	DLLOWINGO	LIVERY, A FINANC	T ALL ACCOUNTS WI E CHARGE OF 1.5% PE			111	11/1-2	origer	
PERAN			ALL OUTSTANDING			ву Х				
	Purch	aser walve	s all claims for p	ersonal or proper	rty damage cause	ed by seller's	truck when deliv	ery is made b	eyond street curb lin	ie.
			"WHE	RE SERVICE	IS MORE TH	IAN JUS	T PART OF	A NAME		
Truck		rd Ver	Un			Street Street			Time Data	
43118								- 110	11:01 19/	
Load	Size !	tion En	de l	Returned	DEy	M				
s. 05				Related	4.64					
(EXEH)	401100 1878.0		Required 7605, 9 15 1300, 6 15	7385, 8 Jb	19, 679					
	117.60	16	1370, 6 16 495, 15 all	1400, 0-15 490, 00 Bi	4.435 -0.035		498.00 g1			
H37	- 00	1 1	195, 15 AT	.00 1						
Belgal .		Batchess	2 2 1	(Calculate of	4 14 14	200			100 6	
Sivap: I	0.00 10	W Hater	In Treely (to gl Adjust	Materi 8,0 i	d / Tall	Trin Batana	0,0 al/	195,0 gt to	