KOLAR Document ID: 1419949

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 Approved by: Date:						

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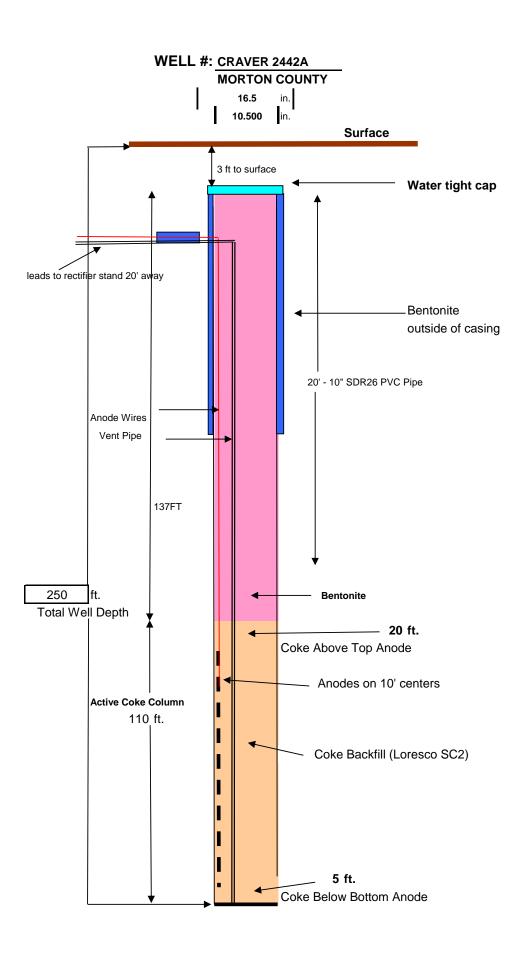
Page Two

Operator Name:				Lease Name:			Well #:			
Sec Twp.	S. R.	Ea	st West	County:						
	lowing 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	v. Digital electronic log		
Drill Stem Tests Ta			Yes No			on (Top), Depth ar	Sample			
Samples Sent to G	eological Surv	ey	Yes No	Na	me		Datum			
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No							
		Re			New Used	ion, etc.				
Purpose of Strin		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
			ADDITIONAL	CEMENTING / SO	QUEEZE RECORD	l				
Purpose:		epth Ty Bottom	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:	on/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other <i>(Explain)</i>				
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity		
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			ON INTERVAL:		
	_	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, Cementing Squeeze Record (Amount and Kind of Material Used)					
TUBING RECORD:	Size:	Set /	At:	Packer At:						
. 5513 1200 10.	5120.		···	. 30.0.71						

Form	ACO1 - Well Completion
Operator	La Grange Acquisition, LP dba Energy Transfer Company
Well Name	CRAVER 2442A 01
Doc ID	1419949

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	bentonite clay	20	water





De	an Wall CraundPad I	Data:			Dete	00/24/40						
Deep Well GroundBed Data:				Date: 08/21/18								
Job Number: ETC03-2018-KS				Drilling Contractor: MCLEANS CP INSTALLATION, INC.					· .			
	pany Name: ENERGY TRANSFER Subject: DEEP WELL			Facility/Line: CRA								
	ell Depth: 250 FT			State: KS County: MORTON								
Diameter:	Diameter: 10 IN			Other-Driller: TR								
	Casing: 20 FT OF 10 IN			Drilling Method: MUD								
	Type of Backfill: SC2 Anode Type: 1 SET OF 20 ANOTECH 2684			Base Useable Water: N/A								
	37.039809, -101.9100°			TEST VOLTS: 11.57								
Remarks:	2 HOLES											
	<u>Drilling Log</u>		<u>El</u>	ectrical L	<u>og</u>				Anode L	<u>.og</u>		
Danth	Farmatian Tonas			BEFORE BACKFILL				AFTER BACKFIL				
Depth:	Formation Type:	Material:	Volt	Anode Depth	Anode #			Volt	Anode Depth	Anode #		
0'	SAND	CASING/HOLEPLUG		,					<u>'</u>			
5'	SAND	CASING/HOLEPLUG										
10' 15'	SAND SAND	CASING/HOLEPLUG CASING/HOLEPLUG					 					
20	CLAY	CASING/HOLEPLUG										
25	CLAY	HOLEPLUG										
30	CLAY	HOLEPLUG										
35 40	CLAY SANDY GRAVEL	HOLEPLUG HOLEPLUG					-					
45	SANDY GRAVEL	HOLEPLUG										
50	SANDY GRAVEL	HOLEPLUG										
55	SANDY GRAVEL	HOLEPLUG										
60 65	SANDY CLAY SANDY CLAY	HOLEPLUG HOLEPLUG										
70	SANDY CLAY	HOLEPLUG										
75	SANDY CLAY	HOLEPLUG										
80	SANDY CLAY	HOLEPLUG										
85 90	SANDY CLAY SANDY CLAY	HOLEPLUG HOLEPLUG					-					
95	SANDY CLAY	HOLEPLUG										
100	SANDY CLAY	HOLEPLUG	0.8									
105 110	SANDY CLAY SANDY CLAY	HOLEPLUG HOLEPLUG	0.8									
115	SANDY CLAY	HOLEPLUG	0.6									
120	SANDY CLAY	HOLEPLUG	0.6									
125	SANDY CLAY	COKE										
130 135	SANDY CLAY SANDY CLAY	COKE COKE	0.6									
140	SANDY CLAY	COKE	0.6									
145	SANDY CLAY	COKE										
150	SANDY CLAY	COKE	0.8		10		\vdash					
155 160	SANDY CLAY REDBED	COKE COKE	1.0		10		+					
165	REDBED	COKE	1.0		9							
170	REDBED	COKE	1.2									
175 180	REDBED REDBED	COKE COKE	1.0		8							
185	REDBED	COKE	1.0		7		 					
190	REDBED	COKE	1.2									
195	REDBED	COKE	1.0		6							
200 205	REDBED REDBED	COKE COKE	1.0		5		-					
210	REDBED	COKE	1.1									
215	REDBED	COKE			4							
220	REDBED	COKE	1.2		_							
225 230	REDBED REDBED	COKE COKE	1.2		3		 					
235	REDBED	COKE	1.2		2				<u> </u>			
240	REDBED	COKE	1.0									
245	REDBED	COKE	4.0		1							
250	REDBED	COKE	1.2									