

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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 <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
Geologist Report / Mud Logs	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☐ New ☐ Used Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☐ No (If No, skip questions 2 and 3)
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No (If No, skip question 3)
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No (If No, fill out Page Three of the ACO-1)

Date of first Production/Injection or Resumed Production/Injection:		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom	

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	La Grange Acquisition, LP dba Energy Transfer Company
Well Name	CRAVER 2442B 02
Doc ID	1419952

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	16.500	10.500	70	20	bentonite clay	20	water



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

Deep Well GroundBed Data:			Date: 08/21/18		
Job Number:	ETC03-2018-KS		Drilling Contractor:	MCLEANS CP INSTALLATION, INC.	
Company Name:	ENERGY TRANSFER		Facility/Line:	CRAVER 2442 B	
Subject:	DEEP WELL		State:	KS	
Well Depth:	250 FT		County:	MORTON	
Diameter:	10 IN		Other-Driller:	TR	
Casing:	20 FT OF 10 IN		Drilling Method:	MUD	
Type of Backfill:	SC2		Base Useable Water:	N/A	
Anode Type:	1 SET OF 20 ANOTECH 2684				
GPS:	37.039809, -101.910015		TEST VOLTS: 11.57		
Remarks:	2 HOLES				
Drilling Log			Electrical Log		
			BEFORE BACKFILL		
Depth:	Formation Type:	Material:	Volt	Anode Depth	Anode #
0'	SAND	CASING/HOLEPLUG			
5'	SAND	CASING/HOLEPLUG			
10'	SAND	CASING/HOLEPLUG			
15'	SAND	CASING/HOLEPLUG			
20	CLAY	CASING/HOLEPLUG			
25	CLAY	HOLEPLUG			
30	CLAY	HOLEPLUG			
35	CLAY	HOLEPLUG			
40	SANDY GRAVEL	HOLEPLUG			
45	SANDY GRAVEL	HOLEPLUG			
50	SANDY GRAVEL	HOLEPLUG			
55	SANDY GRAVEL	HOLEPLUG			
60	SANDY CLAY	HOLEPLUG			
65	SANDY CLAY	HOLEPLUG			
70	SANDY CLAY	HOLEPLUG			
75	SANDY CLAY	HOLEPLUG			
80	SANDY CLAY	HOLEPLUG			
85	SANDY CLAY	HOLEPLUG			
90	SANDY CLAY	HOLEPLUG			
95	SANDY CLAY	HOLEPLUG			
100	SANDY CLAY	HOLEPLUG	0.8		
105	SANDY CLAY	HOLEPLUG			
110	SANDY CLAY	HOLEPLUG	0.8		
115	SANDY CLAY	HOLEPLUG			
120	SANDY CLAY	HOLEPLUG	0.6		
125	SANDY CLAY	COKE			
130	SANDY CLAY	COKE	0.6		
135	SANDY CLAY	COKE			
140	SANDY CLAY	COKE	0.6		
145	SANDY CLAY	COKE			
150	SANDY CLAY	COKE	0.8		
155	SANDY CLAY	COKE		10	
160	REDBED	COKE	1.0		
165	REDBED	COKE		9	
170	REDBED	COKE	1.2		
175	REDBED	COKE		8	
180	REDBED	COKE	1.0		
185	REDBED	COKE		7	
190	REDBED	COKE	1.2		
195	REDBED	COKE		6	
200	REDBED	COKE	1.0		
205	REDBED	COKE		5	
210	REDBED	COKE	1.1		
215	REDBED	COKE		4	
220	REDBED	COKE	1.2		
225	REDBED	COKE		3	
230	REDBED	COKE	1.2		
235	REDBED	COKE		2	
240	REDBED	COKE	1.0		
245	REDBED	COKE		1	
250	REDBED	COKE	1.2		

WELL #: CRAVER 2442B

MORTON COUNTY

16.5 in.

10.500 in.

Surface

3 ft to surface

Water tight cap

leads to rectifier stand 20' away

Bentonite
outside of casing

20' - 10" SDR26 PVC Pipe

Anode Wires

Vent Pipe

137FT

250 ft.

Total Well Depth

Bentonite

20 ft.

Coke Above Top Anode

Anodes on 10' centers

Active Coke Column

110 ft.

Coke Backfill (Loresco SC2)

5 ft.

Coke Below Bottom Anode

