

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	Number of Sacks Used	Type and Percent Additives
Surface	16.500	10.500	70	20	bentonite clay	20	water

WELL #: CRAVER 2442A

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

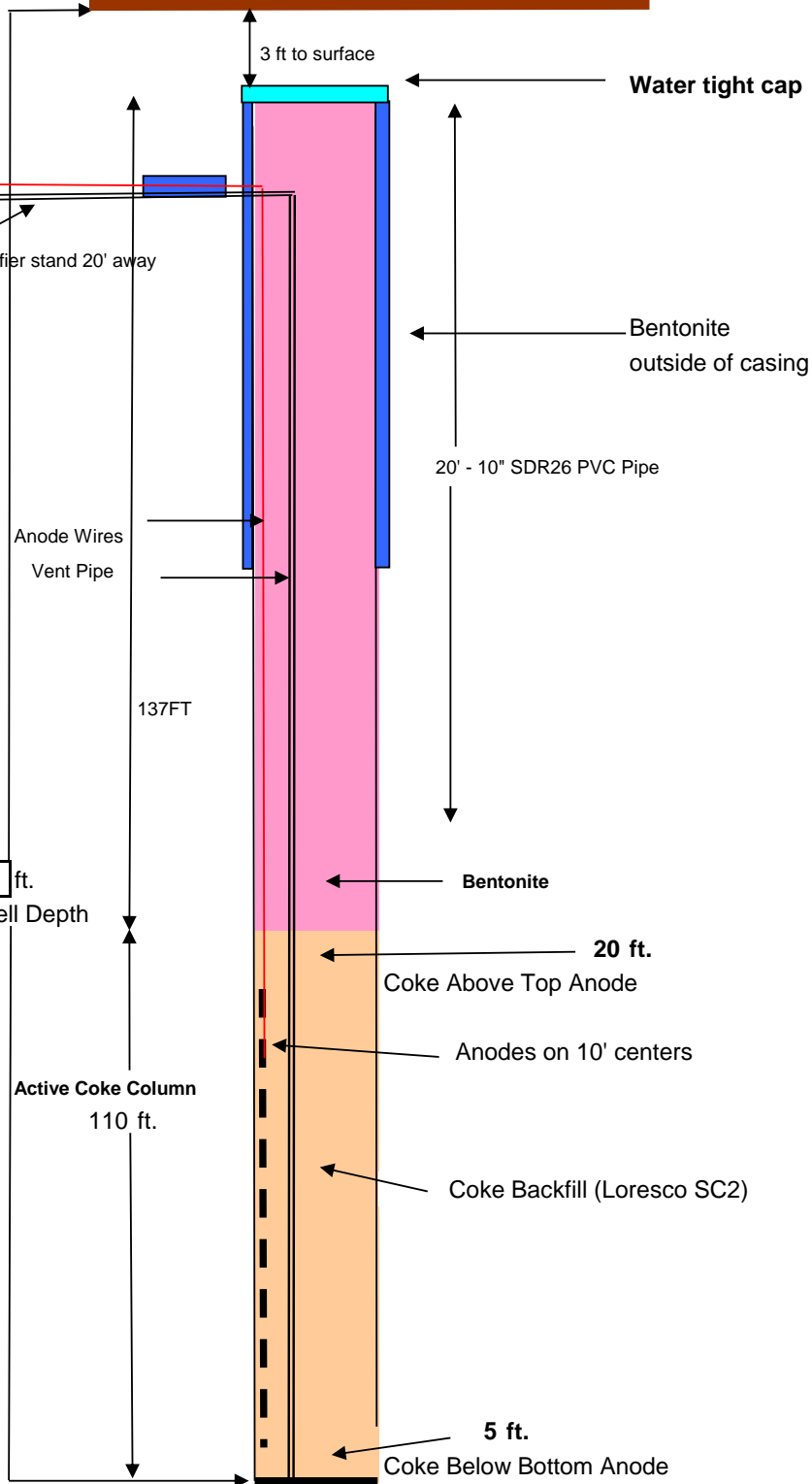
Anodes on 10' centers

Active Coke Column
110 ft.

Coke Backfill (Loresco SC2)

5 ft.

Coke Below Bottom Anode





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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 A	
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		