

Operator Name: _____ Lease Name: _____ Well #: _____

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Job No. 10-16-7284
 Client ONEOK
 Location LAHEY 2

PO/WO No. _____ Date 9/7/2017
 Drilling Co. **WOOFER PUMP & WELL**
 GPS: Lat: N37.329634 Long: W101.026714
 S/N 36610585

Calibrated Instrument Used FLUKE 177

Depth	Logging Volts: 13.6		Geological Log	Depth	Logging Volts: 13.6		Geological Log	No.	Depth	No Coke	With Coke			
	Amps	Ohms			Amps	Ohms								
5			0-2 SURFACE	205				1	240	2.40	6.10			
10				210				2	230	2.50	6.30			
15				215				3	220	2.10	6.20			
20			2-16 CLAY	220			136-216 SAND & GRAVEL	4	210	2.60	6.20			
25	0.80	17.00		225				5	200	2.20	5.90			
30	1.20	11.33		230				6	190	1.70	5.70			
35	1.30	10.46		235				7	180	2.10	5.70			
40	0.70	19.43		240				8	170	2.00	5.70			
45	0.60	22.67		245				9	160	1.80	5.50			
50	0.60	22.67		250			216-250 SANDY CLAY	10	150	1.10	4.80			
55	0.50	27.20		255				11	140	1.30	4.60			
60	0.50	27.20		260				12	130	0.90	4.10			
65	0.60	22.67		265				13						
70	0.70	19.43		270				14						
75	1.00	13.60		275				15						
80	0.80	17.00		280				16						
85	0.60	22.67		285				17						
90	0.60	22.67		290				18						
95	0.60	22.67		295				19						
100	0.70	19.43		300				20						
105	0.60	22.67		305				21						
110	0.50	27.20		310				22						
115	0.40	34.00		315				23						
120	0.40	34.00		320				24						
125	0.50	27.20		325				25						
130	0.90	15.11		330				26						
135	1.50	9.07	16-131 SAND & GRAVEL	335				27						
140	1.60	8.50	131-136 SANDY CLAY	340				28						
145	1.30	10.46		345				29						
150	1.20	11.33		350				30						
155	1.30	10.46		355				31						
160	1.60	8.50		360				32						
165	2.30	5.91		365				33						
170	1.80	7.56		370				34						
175	2.10	6.48		375				35						
180	2.20	6.18		380				36						
185	2.00	6.80		385				37						
190	1.80	7.56		390					Volts	13.60	13.60			
195	1.80	7.56		395					Amps	22.70	66.80			
200	2.10	6.48		400					Ohms	0.60	0.20			
Hole Dia.:		10"	Total Depth:		250'	Casing: Feet:		20'	Dia.:		10"	Type:	SDR 21	
No. Anodes:		12	Size and Type:		4X80 GRAPHITE	Anode Lead:			Size:		#8	Type:		HALAR
Lbs. Coke:		5750#	Coke Type:		LORESCO SC-3	Top of Coke Column:		63'	Vent:		160'			
Lbs. Plug:		2000#	Plug Type:		BENTONITE	Top of Plug:		3' BELOW SURFACE						

TYPE 3

CLIENT: ONEOK PROJECT NAME: Groundbed Installation DATE DRILLED: TBD

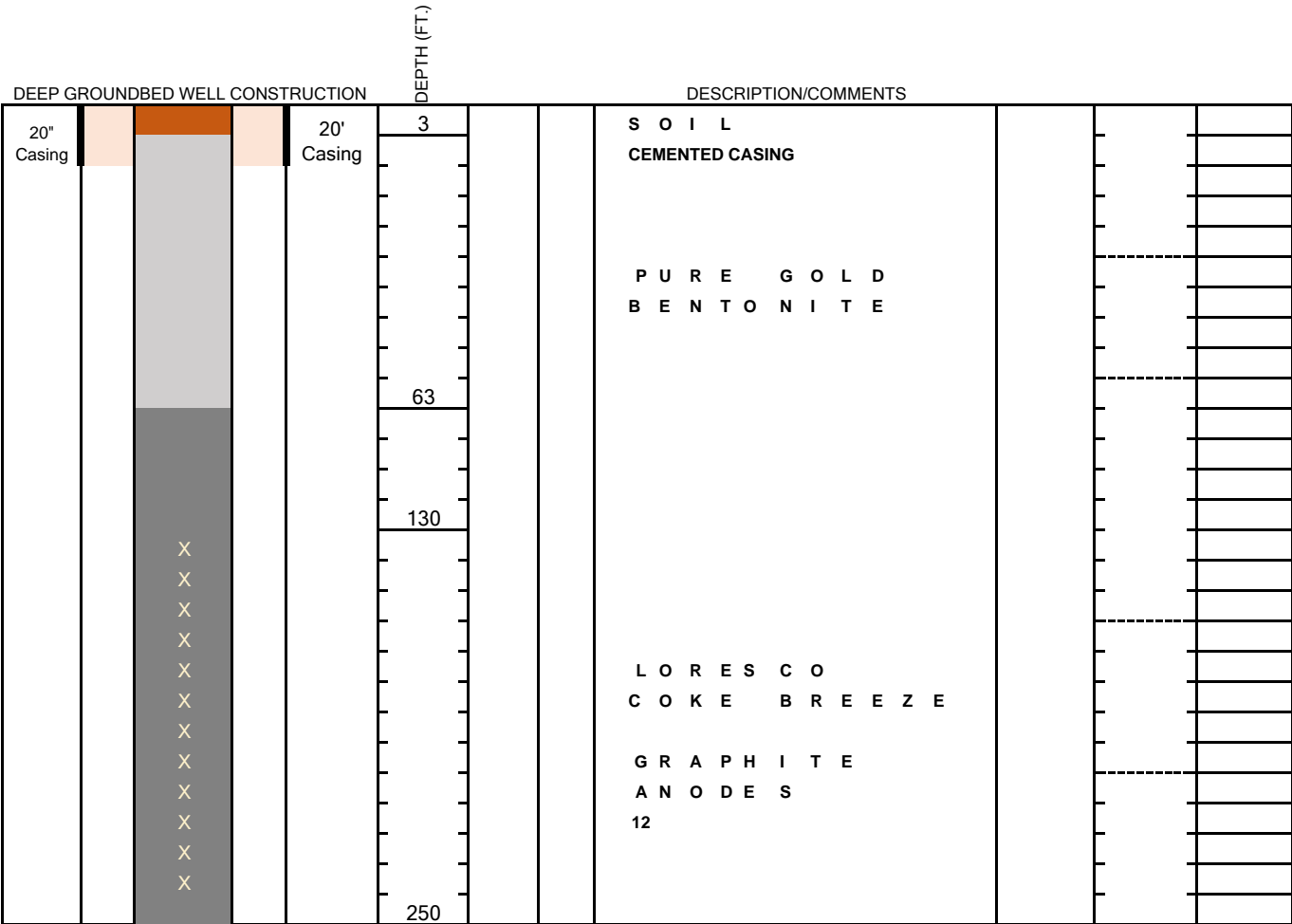
SITE: Multiple LOCATION: Kansas

OTHER ID# _____ FACILITY: _____ GPS _____

DRILLING COMPANY: Woofter Drilling RIG: _____ BOREHOLE: 10 inch

LOGGED BY: Brewer DRILLING METHOD: Wet Rotary or Dry FLUID: Water if wet rotary

	TYPE	INTERVAL	MATERIAL	JOINT LENGTH	DIAMETER
CASING:	SDR 21	0-20'	PVC		10"
Casing data	20 ft casing grouted with estimated 10 sacks Portland				
Plug	Bentonite plug to 63 bgs				



Initial Depth to Water:	
Static Depth to Water:	
Comments	Not to scale