

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)</i> <i>(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 CIRCLE 9

PO/WO No. _____ Date 8/25/2017
 Drilling Co. **WOOFER PUMP & WELL**
 GPS: Lat: N37.242025 Long: W101.429296
 S/N 36610585

Calibrated Instrument Used FLUKE 177

Depth	Logging Volts: 12.6		Geological Log	Depth	Logging Volts: 12.6		Geological Log	No.	Depth	No Coke	With Coke
	Amps	Ohms			Amps	Ohms					
5			0-2 SURFACE	205	1.30	9.69		1	240	1.60	5.40
10				210	1.20	10.50		2	230	1.40	5.40
15			2-15 CLAY	215	1.20	10.50		3	220	1.20	5.50
20				220	1.20	10.50		4	210	1.20	5.50
25	1.10	11.45		225	1.00	12.60	168-224 SANDY CLAY	5	200	1.30	5.50
30	1.70	7.41		230	1.40	9.00		6	190	1.10	5.40
35	1.50	8.40	15-35 SANDY CLAY	235	1.70	7.41		7	180	1.00	5.50
40	1.10	11.45		240	1.60	7.88		8	170	1.00	5.50
45	1.60	7.88		245	1.40	9.00		9	160	1.30	5.60
50	1.60	7.88		250	1.20	10.50	224-250 SAND	10	150	1.40	5.60
55	0.90	14.00		255				11	140	1.60	5.70
60	0.80	15.75		260				12	130	1.90	5.80
65	0.80	15.75		265				13			
70	0.70	18.00		270				14			
75	0.50	25.20		275				15			
80	0.50	25.20	35-79 SANDY GRAVEL	280				16			
85	0.40	31.50		285				17			
90	0.50	25.20		290				18			
95	0.90	14.00		295				19			
100	1.40	9.00	79-98 CLAY	300				20			
105	1.70	7.41		305				21			
110	1.50	8.40		310				22			
115	1.70	7.41		315				23			
120	1.90	6.63		320				24			
125	2.60	4.85		325				25			
130	1.90	6.63		330				26			
135	1.60	7.88		335				27			
140	1.60	7.88		340				28			
145	1.40	9.00		345				29			
150	1.40	9.00	98-146 SANDY CLAY	350				30			
155	1.40	9.00		355				31			
160	1.30	9.69		360				32			
165	1.20	10.50		365				33			
170	1.00	12.60	146-168 SAND	370				34			
175	1.00	12.60		375				35			
180	1.00	12.60		380				36			
185	1.00	12.60		385				37			
190	1.10	11.45		390					Volts	12.60	12.60
195	1.10	11.45		395					Amps	16.00	66.40
200	1.30	9.69		400					Ohms	0.79	0.19
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:	77'	Vent:	160'		
Lbs. Plug:		2500#	Plug Type:	BENTONITE		Top of Plug:	3' BELOW SURFACE				

TYPE 3

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

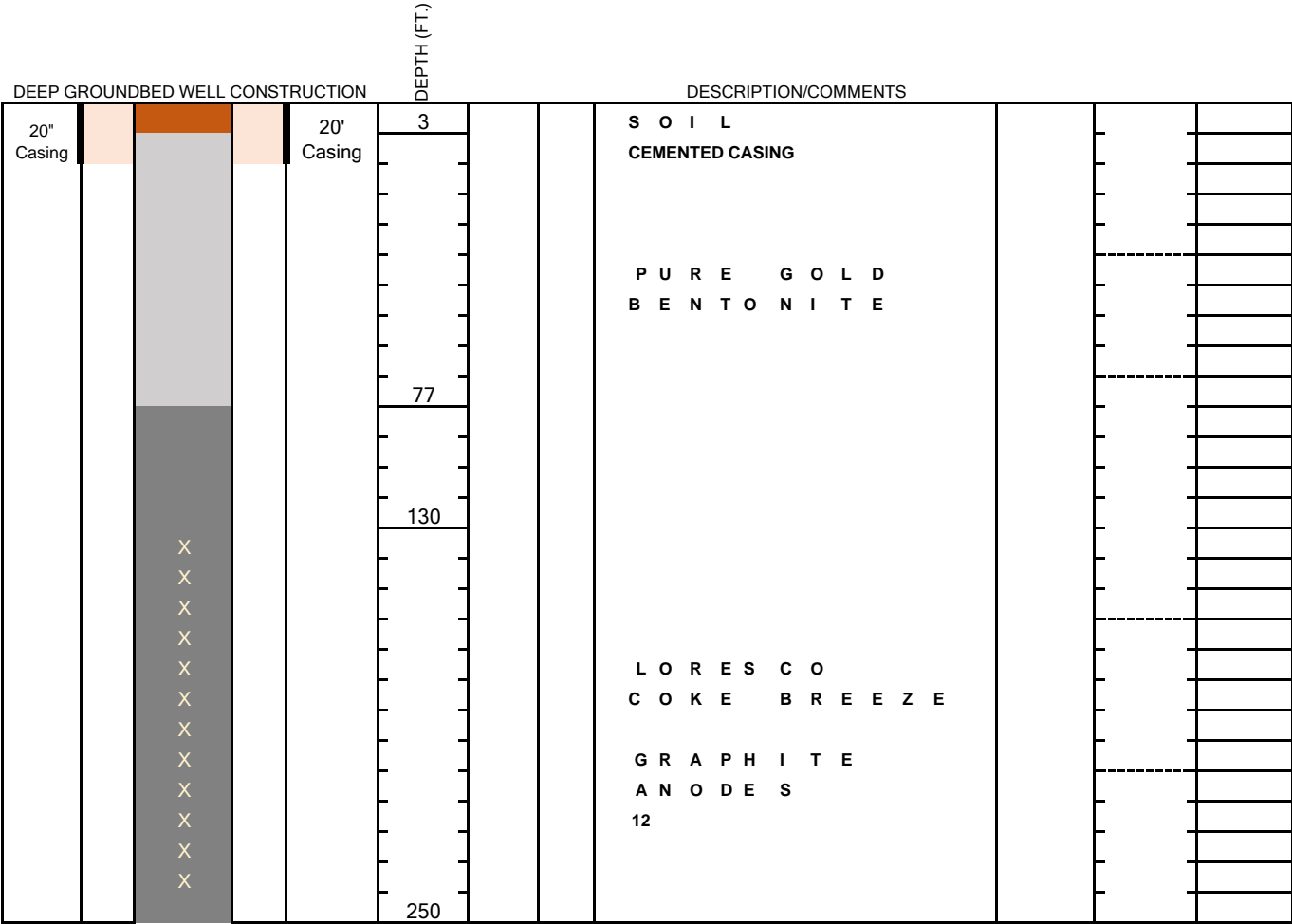
SITE: Multiple LOCATION: Kansas

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 77 bgs				



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