



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			