

QF 4.10.10 DEEP ANODE DRILLING LOG

REV 3



Job No. 10-13-2817
 Client ONEOK
 Location YAGGY #3 WEST N. TO-84

PO/WO No. _____ Date 8/2/2014
 Drilling Co.: GILES ENVIRONMENTAL DRILLING
 GPS: Lat: 38.10736 Long: 98.03469

Calibrated Instrument Used: FLUKE 87 III S/N 79430055

Depth	Logging Volts: 13.8		Geological Log	Depth	Logging Volts: 13.8		Geological Log	No.	Depth	No Coke	With Coke	
	Amps	Ohms			Amps	Ohms						
5			CASING	205				1	290	4.10	4.20	
10			CASING	210	2.20	6.27		2	277	3.90	4.70	
15			CASING	215				3	264	3.60	4.50	
20			CASING	220	2.60	5.31		4	251	3.80	4.60	
25			CASING	225				5	238	3.40	4.40	
30			CASING	230	2.60	5.31		6	225	2.60	3.70	
35			CASING	235				7	212	2.40	3.70	
40			CASING	240	3.60	3.83		8	199	2.30	3.70	
45			CASING	245				9	186	2.70	3.80	
50			CASING	250	3.80	3.63		10	173	2.60	3.60	
55			CASING	255				11	160	2.10	3.30	
60			CASING	260	3.60	3.83		12	147	2.70	3.60	
65			CASING	265				13	134	2.60	3.60	
70			CASING	270	3.60	3.83		14	121	2.40	3.40	
75			CASING	275				15	108	2.10	3.20	
80			CASING	280	4.00	3.45		16				
85			CASING	285				17				
90			CASING	290	4.10	3.37		18				
95			CASING	295				19				
100			CASING	300	TD			20				
105				305				21				
110	2.10	6.57		310				22				
115				315				23				
120	2.40	5.75		320				24				
125				325				25				
130	2.50	5.52		330				26				
135				335				27				
140	2.70	5.11		340				28				
145				345				29				
150	2.70	5.11		350				30				
155				355				31				
160	2.10	6.57		360				32				
165				365				33				
170	2.50	5.52		370				34				
175				375				35				
180	2.70	5.11		380				36				
185				385				37				
190	2.80	4.93		390					Volts	13.80	13.80	
195				395					Amps	43.30	58.00	
200	2.30	6.00		400					Ohms	0.32	0.24	
Hole Dia.:		7.5"	Total Depth:		300'		Casing Feet:	100'	Dia.:	8"	Type:	SDR21
No. Anodes:		15	Size and Type:		3884Z CAST IRON		Anode Lead:		Size:	#8	Type:	HALAR
Lbs. Coke:		4500	Coke Type:		LORESCO RS-3		Top of Coke Column:	105'	Vent:	200'		
Lbs. Plug		1750	Plug Type:		BENTONITE		Top of Plug:	5'				