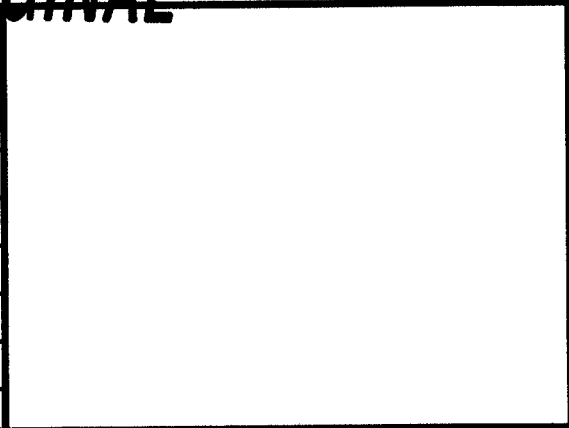


JOB NO. 02-077-1
 CLIENT BP Pipeline
 LOCATION MP 7.34

MESA CORROSION CONTROL
ORIGINAL

PAGE 1 OF 2
 DATE 9/11/2002
 PREPARED BY: AH

Driller CP Drilling License No. _____
 Line/Sta. Humboldt to Freeman Rectifier ID. 567
 County & State Allen County, KS MP/Sta.No. 7.34
 Section 17 Township 25S Range 19E
 Depth 350' Dia. 10" Casing 10" - 40'
 VENT 1" Loresco All-Vent Annulus Fill Cement
 Coke Loresco SC-3 Coke Qty. 7500#
 Anodes 3884 Cast Iron w/#8 Halar No. Anodes 15



Depth	Drillers	ELECTRICAL LOG		FINAL PLACEMENT			
		Log	Volts	Amps	Final Depth	No.	Water
0	0-10 Topsoil	0-40 - 8" Casing	12.82				
10	10-29 Clay	8-132 Slurry Cement					
20	29-78 Limestone						
30	Limestone						
40	Limestone						
50	Limestone			0.3			
60	Limestone			0.3			
70	78-148 Shale w/Streaks Limestone			0.6			
80	Shale w/Streaks Limestone			1.2			
90	Shale w/Streaks Limestone			1.8			
100	Shale w/Streaks Limestone			0.8			
110	Shale w/Streaks Limestone			2.1			
120	Shale w/Streaks Limestone			1.8			
130	132' Top of Coke			1.7			
140	148-290 Soft Limestone			1.9			
150	Soft Limestone			0.9			
160	Soft Limestone			0.7			
170	Soft Limestone			0.6			
180	Soft Limestone			0.5			
190	Soft Limestone			0.6	15	195	2.3
200	Soft Limestone			0.7	14	205	2.4
210	Soft Limestone			0.5	13	215	2.6
220	Soft Limestone			0.8	12	225	2.8
230	Soft Limestone			1.0	11	235	2.4
240	Soft Limestone			0.7	10	245	2.3
250	Soft Limestone			0.4	9	255	2.5
260	Soft Limestone			0.7	8	265	2.8

