

E

1306

#5 30-045-09473

#13A 30-045-26586

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL INC. Location: Unit I Sec. 15 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced MORRIS A #13A, #5
cps 1914w.

Elevation 5866' Completion Date 11/3/87 Total Depth 340' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:
Fresh, Clear, Salty, Sulphur, Etc. 60' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 275', 265', 255', 245', 235', 225', 215', 205', 195', 155'

Depths vent pipes placed: 335'

Vent pipe perforations: 280'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Burge

Drilling Log (Attach Hereto) ☒

Completion Date 11-3-87

CPS #	Well Name, Line or Plant	Work Order #	Static	Ins. Union Check
1914-w	Morris A #13-A Morris A #45		600 NE 178 600 NE 275	☒ Good ☐ Bad
Location: I 15-30-11	Anode Size: 2" x 60"	Anode Type: Duriron	Size Bit: 6 3/4"	
Depth Drilled: 340'	Depth Logged: 329'	Drilling Rig Time	Total Lbs. Gels Used	Lost Circulation Mat'l Used
Anode Depth:				
# 1 275'	# 2 265'	# 3 255'	# 4 245'	# 5 235'
# 6 225'	# 7 215'	# 8 205'	# 9 195'	# 10 185'
Anode Output (Amps):				
# 1 5.0	# 2 5.4	# 3 5.8	# 4 6.5	# 5 5.4
# 6 5.8	# 7 5.9	# 8 5.4	# 9 5.2	# 10 5.5
Anode Depth				
# 11	# 12	# 13	# 14	# 15
# 16	# 17	# 18	# 19	# 20
Anode Output (Amps)				
# 11	# 12	# 13	# 14	# 15
# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.3	Amps 19.3	Ohms .58		

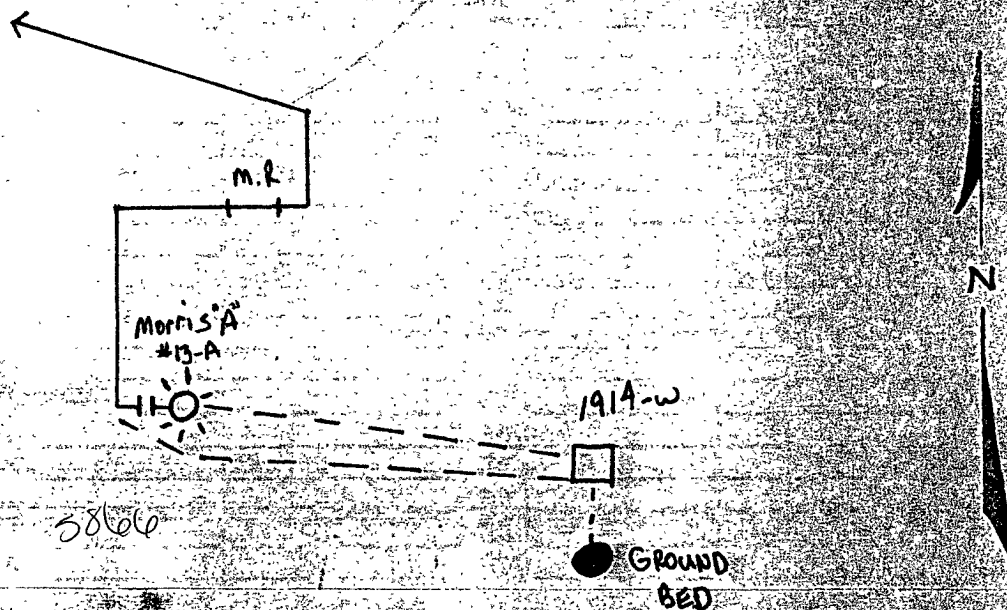
Remarks: Drilled TO 340' LOGGED 329'. Driller SAID WATER AT 60' DID NOT GET SAMPLE. INSTALLED 335' of 1" PVC VENT PIPE PERFORATED BOTTOM 280'

Rectifier Size: 60 V 28 A
 Addn'l Depth: _____
 Depth Credit: 171' ✓
 Extra Cable: 30' ✓
 Ditch & 1 Cable: 10' ✓
 Ditch & 2 Cable: 140' ✓
 25' Meter Pole: _____
 20' Meter Pole: 1
 10' Stub Pole: _____
 Junction Box: 1

All Construction Completed

M. P. Williams
 (Signature)

4300.00
 - 598.50 ✓
 3701.50
 7.50 ✓
 4.30 ✓
 37.00
 137.20 / 137.20
 300.00
 40.00
 4130.30
 206.52
 4336.82



DEEP WELL GROUND BED LOG

MERIDIAN

Morris "A" 213-A

Location:

15-30-11

Volts Applied

11.3

58

ADDRESS

19.2

Volts Applied		Amperes	
5	230	3.3	455
10	235	4.3	460
15	240	4.7	465
20	245	4.9	470
25	250	4.4	475
30	255	4.4	480
35	260	4.6	485
40	265	4.2	490
45	270	3.9	495
50	275	3.7	500
55	280	3.2	505
60	285	3.0	510
65	290	2.2	515
70	295	2.5	520
75	300	1.9	525
80	305	1.9	530
85	310	1.8	535
90	315	2.4	540
95	320	2.6	545
100	325	2.5 TO 3.29	550
105	330		555
110	335		560
115	340		565
120	345		570
125	350		575
130	355		580
135	360		585
140	365		590
145	370		595
150	375		600
155	380		605
160	385		610
165	390		615
170	395		620
175	400		625
180	405		630
185	410		635
190	415		640
195	420		645
200	425		650
205	430		655
210	435		660
215	440		665
220	445		670
225	450		675
680		2.25-3.9	500
685		2.65-4.5	540
690		2.55-4.7	580
695		2.45-5.2	625
700		2.35-4.3	670
705		2.25-4.8	715
710		2.15-4.6	760
715		2.05-4.4	805
720		1.95-3.8	850
725		1.55-4.4	895
730			940
735			
740			
745		0.1-1.0	
750		0.2-1.90	
755			
760			
765			
770			
775			
780			
785			
790			
795			
800			
805			
810			
815			
820			
825			
830			
835			
840			
845			
850			
855			
860			
865			
870			
875			
880			
885			
890			
895			
900			

BURGE CORROSION SYSTEMS INC.
P. O. BOX 1359
AZTEC, NEW MEXICO 87410
DRILLING AND LOGGING LOG

JOB NUMBER <u>147</u>		HOLE DIAMETER <u>6 3/4</u> IN		DATE <u>11-2-87</u>										
WELL NAME <u>Morris A #13A</u>		HOLE DEPTH <u>740</u> FT		FINAL READING VOLTS										
COMPANY NAME <u>Meridian</u>		NUM OF ANODES		FINAL READING AMPS										
LEGAL DESCRIPTION <u>1/4 E S 15 T 30 R 11</u>		WATER DEPTH <u>40</u> FT		FINAL READING OHMS										
HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITIAL AMPS	FINAL AMPS
5	<u>sand</u>				245	<u>//</u>				485				
10	<u>//</u>				250	<u>//</u>				490				
15	<u>Sandstone</u>				255	<u>//</u>				495				
20	<u>water sand</u>				260	<u>//</u>				500				
25	<u>water sand</u>				265	<u>//</u>				505				
30	<u>//</u>				270	<u>//</u>				510				
35	<u>//</u>				275	<u>//</u>				515				
40	<u>//</u>				280	<u>//</u>				520				
45	<u>Sandstone</u>				285	<u>//</u>				525				
50	<u>//</u>				290	<u>//</u>				530				
55	<u>//</u>				295	<u>//</u>				535				
60	<u>//</u>				300	<u>//</u>				540				
65	<u>//</u>				305	<u>sandstone</u>				545				
70	<u>//</u>				310	<u>//</u>				550				
75	<u>//</u>				315	<u>//</u>				555				
80	<u>Shale</u>				320	<u>//</u>				560				
85	<u>//</u>				325	<u>//</u>				565				
90	<u>//</u>				330	<u>//</u>				570				
95	<u>//</u>				335	<u>//</u>				575				
100	<u>//</u>				340	<u>//</u>				580				
105	<u>//</u>				345					585				
110	<u>//</u>				350					590				
115	<u>//</u>				355					595				
120	<u>//</u>				360					600				
125	<u>//</u>				365					605				
130	<u>//</u>				370					610				
135	<u>Sandstone</u>				375					615				
140	<u>//</u>				380					620				
145	<u>//</u>				385					625				
150	<u>//</u>				390					630				
155	<u>//</u>				395					635				
160	<u>//</u>				400					640				
165	<u>Spale</u>				405					645				
170	<u>//</u>				410					650				
175	<u>//</u>				415					655				
180	<u>//</u>				420					660				
185	<u>//</u>				425					665				
190	<u>//</u>				430					670				
195	<u>//</u>				435					675				
200	<u>//</u>				440					680				
205	<u>//</u>				445					685				
210	<u>//</u>				450					690				
215	<u>//</u>				455					695				
220	<u>//</u>				460					700				
225	<u>//</u>				465					705				
230	<u>//</u>				470					710				
235	<u>//</u>				475					715				
240	<u>//</u>				480					720				