1310

8- 30-039-05717

10- 30-039-23668

E

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 L Sec. 32 Twp 25 Rng 6

Name of Well/Wells or Pipeline Serviced HARVEY STATE #10, #8

cps 1918w

Elevation 6763' Completion Date 11/24/87 Total Depth 520' 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. 280' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 435', 425', 415', 405', 395', 385', 375', 360', 350', 295'

Depths vent pipes placed: N/A

Vent pipe perforations: 260'

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.

MERIDIAN OIL INC.
San Juan Region
Post Office Box 4289
Farmington, New Mexico 87499
(505) 327-0251

Burk

Drilling Log (Attach Here) ☐ WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY LOG

Completion Date 11-24-92

CPS #	Well Name, Line or Plant	Work Order #	Static	Insp. Unless Check
19.18 W	Harvey State #10		-.79 N	☑ Good ☐ Bad

Location	Anode Size	Anode Type	Size Bit
L-32-25-06	21 x 60"	Duriron	6 3/4

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
520	4551	8 hrs			

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	435	425	415	405	395	385	375	360	350	295
Anode Output (Amps)	4.4	5.0	4.7	4.6	4.0	4.6	4.5	5.1	4.9	4.3
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: Volts 11.91 Amps 18.4 Ohms .647

No. 8 C.F. Cable Used

No. 2 C.P. Cable Used

Remarks: Driller said water was at 280'. No water sample was taken. Vent pipe is perforated up to 260'.

4300'

Rectifier Size: _____ V _____ A Solar

Addn'l Depth

Depth Credit: 45' ✓ 157.50' ✓ 4142.50

Extra Cable: 30' ✓ 1.50' ✓

Ditch & 1 Cable: 30' ✓ 12.90' ✓

Ditch & 2 Cable: 150' ✓ 82.50' ✓

25' Meter Pole:

20' Meter Pole:

10' Stub Pole:

Junction Box: 40.00 ✓

4285.40 ✓

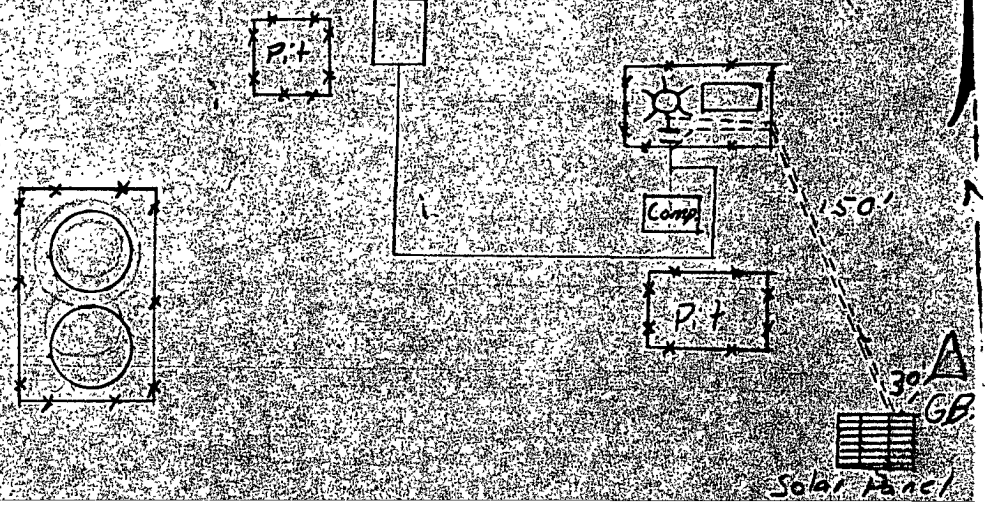
7% 214.27

4499.67 OK

All Construction Completed

Randy Smith
(Signature)

GROUND BED LAYOUT SKETCH



BURG CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410

DEEP WELL GROUNDBED LOG

Date 11-24-87

Company Meridian Oil

Well No. #10 Location Harvey State Volts Applied 11.91 Amperes 18.

Depth	Reading	Depth	Reading	Depth	Reading	Depth	Reading
0							
5		230		455	TD 455	680	
10		235		460		685	
15		240		465	(1) 435 2.6	690	4.4
20		245		470	(2) 425 3.0	695	5.0
25		250		475	(3) 415 2.3	700	4.7
30		255		480	(4) 405 2.9	705	4.6
35		260	.1	485	(5) 395 2.5	710	4.0
40		265	.1	490	(6) 385 2.9	715	4.6
45		270	1.6	495	(7) 375 2.6	720	4.5
50		275	1.0	500	(8) 360 2.9	725	5.1
55		280	.7	505	(9) 350 2.9	730	4.9
60		285	1.0	510	(10) 295 2.5	735	4.3
65		290	1.8	515		740	
70		295	2.0 ✓ (10)	520		745	
75		300	1.9	525		750	
80		305	1.1	530		755	
85		310	.2	535		760	
90		315	.1	540		765	
95		320	.1	545		770	
100		325	.2	550		775	
105		330	1.0	555		780	
110		335	1.5	560		785	
115		340	1.5	565		790	
120		345	1.5	670		795	
125		350	1.9 ✓ (9)	575		800	
130		355	2.3 ✓	580		805	
135		360	2.2 ✓ (8)	585		810	
140		365	1.8	590		815	
145		370	.8	595		820	
150		375	2.1 ✓ (7)	600		825	
155		380	2.0	605		830	
160		385	2.3 ✓ (6)	610		835	
165		390	2.2	615		840	
170		395	2.4 ✓ (5)	620		845	
175		400	2.4	625		850	
180		405	2.9 ✓ (4)	630		855	
185		410	2.7	635		860	
190		415	2.2 ✓ (3)	640		865	
195		420	2.4	645		870	
200		425	2.9 ✓ (2)	650		875	
205		430	2.8	655		880	
210		435	2.5 ✓ (1)	660		885	
215		440	2.4	665		890	
220		445	2.6	670		895	
225		450	2.6	675		900	

BURGE CORROSION SYSTEMS INC.
P.O. BOX 1359
AZTEC, NEW MEXICO 87410

DRILLING AND LOADING LOG

JOB NUMBER 147 HOLE DIAMETER 6 3/4 IN DATE 11-27-91

WELL NAME Harvey State #10 HOLE DEPTH 520 FT FINAL READING ____ VOLTS

COMPANY NAME Meridian NUM OF ANODES ____ FINAL READING ____ AMPS

LEGAL DESCRIPTION 1/4 S 32 T 25 R 6 WATER DEPTH 220 FT FINAL READING ____ OHMS

C.S. 19184

HOLE DEPTH	SOIL TYPE	LOG AMPS	INITAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITAL AMPS	FINAL AMPS	HOLE DEPTH	SOIL TYPE	LOG AMPS	INITAL AMPS	FINAL AMPS
5	Sand				245	"				485	"			
10	"				250	"				490	"			
15	"				255	"				495	"			
20	"				260	"				500	"			
25	Shale				265	Sandstone				505	"			
30	"				270	"				510	"			
35	Sandstone				275	"				515	"			
40	"				280	"				520	"			
45	"				285	"				525				
50	"				290	"				530				
55	"				295	"				535				
60	"				300	"				540				
65	Shale				305	Sandshale				545				
70	Sandstone				310	"				550				
75	"				315	"				555				
80	"				320	"				560				
85	"				325	"				565				
90	"				330	"				570				
95	"				335	"				575				
100	"				340	"				580				
105	"				345	"				585				
110	"				350	"				590				
115	"				355	Sandstone				595				
120	"				360	"				600				
125	"				365	Shale				605				
130	"				370	"				610				
135	"				375	"				615				
140	"				380	"				620				
145	"				385	"				625				
150	"				390	"				630				
155	"				395	"				635				
160	"				400	"				640				
165	"				405	"				645				
170	"				410	"				650				
175	"				415	"				655				
180	"				420	"				660				
185	Watersand				425	"				665				
190	"				430	"				670				
195	Shale				435	"				675				
200	"				440	"				680				
205	"				445	"				685				
210	Watersand				450	"				690				
215	"				455	"				695				
220	"				460	"				700				
225	"				465	"				705				
230	"				470	"				710				
235	Shale				475	"				715				
240	"				480	"				720				