

1309

E

30-045-26412

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 E Sec. 35 Twp 28 Rng 8

Name of Well/Wells or Pipeline Serviced HOWELL #1A

cps 1917w

Elevation 6754' Completion Date 11/13/87 Total Depth 550' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 370', 360', 350', 315', 305', 295', 285', 270', 255', 240'

Depths vent pipes placed: 490'

Vent pipe perforations: 300'

Remarks: gb #1

RECEIVED
MAY 31 1991

OIL CON. DIV.
DIST. 2

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.

OK
Bunge

Training Log (Aileen Hereto)

☒

Completion Date Nov-13-1987

WELL CASING

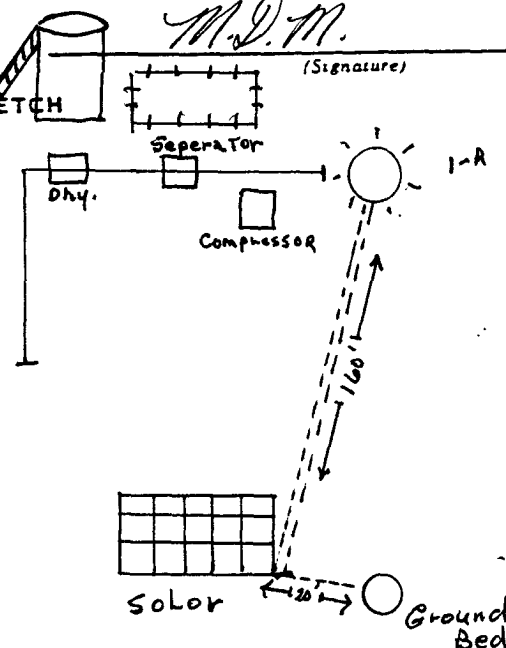
DAILY LOG

Remarks: Driller said only small amount of moisture in hole below 200
drilled to 550', last 50' sand, logged hole caved in T.P. 485
ran 490' of 1" CLASS 200 P.V.C. Vent pipe, Bottom 300', Perforated
2 - $\frac{9}{16}$ " Holes P/FOOT.
Hole will probably have to be watered.

Add'l Depth:	15' @ 3.50	✓	4300.00
Depth Credit:			- 52.50
Extra Cable:	30' @ .25	✓	7.50
Ditch & 1 Cable:	20' @ .43	✓	8.60
Ditch & 2 Cable:	160 @ .55		88.00
25' Meter Pole:			40.00
20' Meter Pole:			
10' Stub Pole:			
Junction Box:	✓		
	TAX		219.58
TOTAL			4,611.18

All Construction Completed

GROUND BED LAYOUT SKETCH



6754

BURG CORROSION SYSTEMS, INC.

P.O. BOX 1359 PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date 11-13-87

$R = 658$

Company Meridian Oil

Well No.

Location Howell 1A

Volts Applied 11.98

Ampere 18

1" Vent Pipe
490'
Bottom Perforated
300'

5			230	1.6				455	1.8				680	1	370	2.6
10			235	1.5				460	1.0				685	2	360	2.1
15			240	1.4	(10)			465	1.1				690	3	350	1.7
20			245	1.8				470	1.5				695	4	315	1.8
25			250	1.7				475	1.7				700	5	305	2.7
30			255	1.5				480	1.7				705	6	295	2.4
35			260	1.0				485	4.85 TD				710	7	285	1.8
40			265	1.0				490					715	8	270	1.8
45			270	1.5	(8)			495					720	9	255	1.6
50			275	1.0				500					725	10	240	1.6
55			280	1.3				505					730			
60			285	1.6	(7)			510					735	F I N A L S		
65			290	1.9				515					740	1	50	
70			295	1.6	(6)			520					745	2	43	
75			300	1.7				525					750	3	35	
80			305	1.9	(5)			530					755	4	36	
85			310	1.5				535					760	5	48	
90			315	1.4	(4)			540					765	6	45	
95			320	1.0				545					770	7	35	
100			325	1.0				550					775	8	27	
105			330	1.1				555					780	9	45	
110			335	1.1				560					785	10	47	
115			340	1.1				565					790			
120			345	1.2				570					795			
125			350	1.4	(3)			575					800			
130			355	1.6				580					805			
135			360	1.6	(2)			585					810			
140			365	1.8				590					815			
145			370	1.9	(1)			595					820			
150			375	1.4				600					825			
155			380	.9				605					830			
160			385	1.6				610					835			
165			390	1.5				615					840			
170			395	1.5				620					845			
175			400	.5				625					850			
180	4		405	.5				630					855			
185	3		410	.4				635					860			
190	5		415	.4				640					865			
195	1.1		420	.4				645					870			
200	1.8		425	1.6				650					875			
205	1.5		430	.7				655					880			
210	1.3		435	.7				660					885			
215	1.5		440	1.6				665					890			
220	1.6		445	.7				670					895			
225	1.6		450	.7				675					900			

BURGE CORROSION SYSTEMS, INC.
P.O. BOX 1339
AZTEC, NEW MEXICO 87410
DRILLING AND LOGGING LOG

JOB NUMBER 147 HOLE DIAMETER 6 3/4 IN DATE 11-12-87
WELL NAME Howell #1A HOLE DEPTH 720 FT
COMPANY NAME Meridian NUM OF ANODES _____
LEGAL DESCRIPTION 1/4 S 35 T 29 R 9 WATER DEPTH _____ FT

CPS 1917

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	Sandstone				245	//				485	//			
10	//				250	//				490	//			
15	//				255	//				495	//			
20	//				260	//				500	Shale			
25	//				265	//				505	//			
30	//				270	//				510	//			
35	//				275	//				515	//			
40	//				280	//				520	//			
45	//				285	//				525				
50	//				290	//				530				
55	Shale				295	//				535				
60	//				300	//				540				
65	//				305	//				545				
70	//				310	//				550				
75	//				315	//				555				
80	//				320	//				560				
85	//				325	//				565				
90	//				330	//				570				
95	//				335	//				575				
100	//				340	//				580				
105	Sandstone				345	//				585				
110	//				350	//				590				
115	//				355	//				595				
120	//				360	//				600				
125	//				365	//				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	//				425	Shale				665				
190	//				430	//				670				
195	Shale				435	//				675				
200	//				440	//				680				
205	//				445	//				685				
210	//				450	//				690				
215	//				455	//				695				
220	//				460	//				700				
225	//				465	//				705				
230	//				470	//				710				
235	//				475	//				715				
240	//				480	//				720				