

3949

30-045-26244

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 A Sec. 10 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #122E

cps 183lw

Elevation 6716' Completion Date 9/17/87 Total Depth 500' 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. 150' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 405', 375', 330', 320', 310', 300', 290', 280', 270', 260'

Depths vent pipes placed: N/A

Vent pipe perforations: N/A

Remarks: gb #1 HOLE CAVED WHILE LOADING.

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

Drilling Log (Attach Here) ☐Completion Date 9-17-87CPS: 1Well Name, Line or Plan: Hacienda 128E

Work Order #

State:

In the Union Check

183100		Hacienda 128E		-74 NE		☒ Good ☐ Bad	
NE 10-26-10		2" x 60"		Dunham		6 3/4"	

Latitude	Longitude	Anode Size	Anode Type	Drilling Rig Time	Total lbs Cate Used	Size Bit	Lost Circulation Mat 1 Used	No. Sals Mud Used
Depth Drilled	Depth Logged							
500	435			8 hrs				
Anode Depth								
#1 405	#2 375	#3 330	#4 320	#5 310	#6 300	#7 290	#8 280	#9 270
#10 260								
Anode Output (Amps)								
#1 6.2	#2 4.3	#3 3.8	#4 5.0	#5 5.2	#6 5.6	#7 5.8	#8 4.7	#9 5.0
#10 4.4								
Anode Depth								
#11 330	#12 320	#13	#14	#15	#16	#17	#18	#19
#20								
Anode Output (Amps)								
#11 2.7	#12 3.0	#13	#14	#15	#16	#17	#18	#19
#20								
Total Circuit Resistance								
Volts 11.5	Amps 20.2	Ohms .57						
No. 8 C.P. Cable Used								
No. 20 C.P. Cable Used								

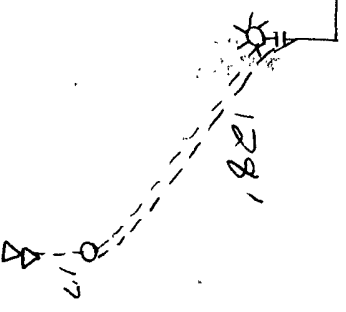
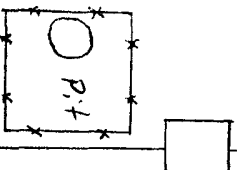
Remarks: Celler said water was at 150' Went 300' is perforated up to 135'. No water sample was taken. Hole caved in while logging. Drilled second hole to 360' and put 3-10 anodes in it.

Rectifier Size: 40 V 16 A
 Addn'l Depth: 65
 Depth Credit: 30
 Extra Cable: 17
 Ditch & 1 Cable: 128
 Ditch & 2 Cable: 128
 25' Meter Pole: 150.00
 20' Meter Pole: 40.00
 10' Stub Pole: 7
 Junction Box: 7

4300
 - 260.1
 4040
 150.1
 66.57
 150.00
 40.00
 4300.68
 215.54
 4526.23

All Construction Completed

Randy Smith
 (Signature)



67114

BURG CORROSION SYSTEMS, INC.

P.O. BOX 1359 - PHONE 334-6141

AZTEC, NEW MEXICO 87410

DEEP WELL GROUND BED LOG

Date _____

Company _____

Well No. _____

Location _____

Volts Applied _____

Amperes _____

Well No.	Location	Volts Applied	Amperes
5	230 .8	455 ① 4.05 3.1	680 2.5 3.8
10	235 .8	460 ② 3.75 2.4	685 2.9 5.0
15	240 1.2	465 ③ 3.30 3.2	690 3.6 5.2
20	245 2.2	470 ④ 3.20 2.8	695 3.2 5.6
25	250 2.5	475 ⑤ 3.10 2.5	700 2.7 4.2
30	255 2.9	480 ⑥ 3.00 2.7	705 2.9 5.0
35	260 2.8 (10)	485 ⑦ 2.90 2.6	710 2.9 4.4
40	265 2.8	490 ⑧ 2.80 2.2	715
45	270 2.9 (9)	495 ⑨ 2.70 2.2	720
50	275 2.6	500 ⑩ 2.60	725
55	280 2.7 (8)	505	730
60	285 2.7	510	735
65	290 2.9 (7)	515	740
70	295 2.8	520	745
75	300 2.8 (6)	525	750
80	305 2.8	530	755
85	310 2.9 (5)	535	760
90	315 2.9	540	765
95	320 2.6 (4)	545	770
100	325 2.8	550	775
105	330 2.8 (3)	555	780
110	335 2.1	560	785
115	340 1.5	565	790
120	345 1.2	570	795
125	350 1.3	575	800
130	355 1.6	580	805
135	360 2.0	585	810
140	365 1.8	590	815
145	370 1.9	595	820
150	375 2.2 (2)	600	825
155	380 2.1	605	830
160	385 2.0	610	835
165	390 2.1	615	840
170	395 1.9	620	845
175	400 2.2	625	850
180	405 2.9 (1)	630	855
185	410 2.9	635	860
190	415 2.7	640	865
195	420 2.3	645	870
200	425 1.7	650	875
205	430 1.7	655	880
210	435 1.7 ID	660	885
215	440	665	890
220	445	670	895
225	450	675	900

BURGE CORROSION SYSTEMS, INC.

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

EPS 183102

COMPANY: Meridian DAILY DRILLING REPORT 9-17, 19 87

WELL NAME: <u>Huerfano</u>	WELL NUMBER: <u>122 E</u>	SECTION: <u>10</u>	TOWNSHIP: <u>26 N</u>	RANGE: <u>10 W</u>
WATER AT: <u>140 & 260 FT.</u>		FEET: <u>6 3/4</u> HOLE MADE: <u>500 FT.</u>		

DESCRIPTION OF FORMATION			
FROM	TO	FORMATION IS	COLOR
0	40	Sand	tan
40	100	Shale	dk Grey
100	110 130	Sand Stone	Grey
130	140	Water Sand	Grey
140	150	Shale	dk Grey
150	260 240	Sand Stone	lt Grey
240	260	Water Sand	lt Grey
260	340	Shale	Purple
340	360	Water Sand	lt Grey
360	380	Sand Stone	lt Grey
380	500	Sandy Shale & Shale	Grey

REMARKS: let set overnight at 160 FT. 11/0 water.
Drilled to 360 FT. & started injection. NO water
sample.
Sant Sam

Driller: _____ Tool Dresser: _____