

3946

30-045-26233

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. 36 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #134E

cps 1834w

Elevation 6639' Completion Date 9/30/87 Total Depth 380' Land Type* N/A

Casing, Sizes, Types & Depths 20' OF 8" PVC CASING

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. 170' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 340', 330', 320', 310', 285', 275', 265', 255', 245', 235'

Depths vent pipes placed: N/A

Vent pipe perforations: 220'

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.

WELL CASING

FM-07-0238 (Rev. 10-82)

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOGDrilling Log (Attach Hereto) ☐Completion Date 9-30-87

CPS #	Well Name, Line or Plant	Work Order #	State	Ins. Union Check											
1834w	Huertano 134E		84N	☒ Good ☐ Bad											
Location: A36-24-10	Anode Size: 2" x 60"	Anode Type: Duriron	Size Bar: 6 3/4"												
Depth Drilled: 380	Depth Logged: 370	Drilling Rig Time: 6 hrs.	Total Lbs. Cotte Used	Lost Circulation Mat'l Used											
			No. Sacks Mud Used: Elev. 6639												
Anode Depth	#1 340	#2 330	#3 320	#4 310	#5 285	#6 275	#7 265	#8 255	#9 245	#10 235					
Anode Output (Amps)	#1 4.9	#2 5.8	#3 6.6	#4 6.4	#5 4.9	#6 5.6	#7 5.8	#8 6.4	#9 7.0	#10 5.8					
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 11.8					Amps 20.5					Ohms .58				
No. 8 C.P. Cable Used					No. 2 C.P. Cable Used										

Remarks: Driller said water was at 170'. No water sample was taken. Vent is perforated up to 140'. 20' of 8" PUC was set.

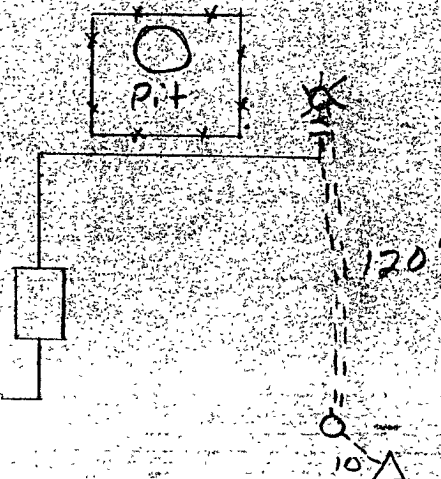
20 X 22.00 P/FOOT

Rectifier Size: 40 V 16 A 4300 ✓
 Addn'l Depth: 520 ✓
 Depth Credit: 130' ✓ 440 (CASING) 3780.00
 Extra Cable: 300' ✓ 4220 ✓
 Ditch & 1 Cable: 10' ✓ 7.50 ✓
 Ditch & 2 Cable: 120' ✓ 3.90 ✓
 25' Meter Pole: 62.40 ✓
 20' Meter Pole:
 10' Stub Pole: 150.00
 Junction Box: 40.00

4483.80
 Tx 224.19
 4707.99

All Construction Completed

Randy Smith
 (Signature)



6639

Date: 8-30-87

DEEP WELL GROUNDWATER LOG

Company Meridian Oil
Well No. 134E Location Huerfano

Volts Applied 11.8 Amperes 20

5		230	2.1		455	1 3 4 0	3 2	680	4.9
10		235	2.7	✓	460	2 3 3 0	3 3	685	5.8
15		240	3.2		465	3 3 2 0	3 6	690	6.6
20		245	3.4	✓	470	4 3 1 0	3 2	695	4.4
25		250	3.2		475	5 2 8 5	3 7	700	4.9
30		255	3.2	✓	480	6 2 7 5	3 5	705	5.6
35		260	3.1		485	7 2 4 5	3 6	710	5.8
40		265	3.2	✓	490	8 2 5 5	3 8	715	6.4
45		270	2.9		495	9 2 4 5	4 0	720	7.0
50		275	3.1	✓	500	10 2 3 5	3 3	725	5.8
55		280	3.2		505			730	
60		285	2.8	✓	510			735	
65		290	2.3		515			740	
70		295	1.8		520			745	
75		300	1.3		525			750	
80		305	1.7		530			755	
85		310	2.9	✓	535			760	
90		315	3.0		540			765	
95		320	3.2	✓	545			770	
100		325	2.9		550			775	
105		330	2.7	✓	555			780	
110		335	2.7		560			785	
115		340	2.8	✓	565			790	
120		345	2.5		570			795	
125		350	2.1		575			800	
130		355	1.9		580			805	
135		360	1.5		585			810	
140		365	1.8		590			815	
145		370	10 3 7 0		595			820	
150		375			600			825	
155		380			605			830	
160	1.7	385			610			835	
165	1.3	390			615			840	
170	1.7	395			620			845	
175	2.2	400			625			850	
180	2.7	405			630			855	
185	2.8	410			635			860	
190	3.0	415			640			865	
195	3.1	420			645			870	
200	2.9	425			650			875	
205	2.9	430			655			880	
210	2.7	435			660			885	
215	2.4	440			665			890	
220	1.9	445			670			895	
225	1.3	450			675			900	

BURGE CORROSION SYSTEMS, INC.

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

1834W

COMPANY Meridian

DAILY DRILLING REPORT

10-1

19 87

WELL NAME: <u>Huerfano</u>	WELL NUMBER: <u>134 E</u>	SECTION: <u>36</u>	TOWNSHIP: <u>26</u>	RANGE: <u>10</u>
WATER AT: <u>170 ft</u>		FEET: <u>6 3/4</u> HOLE MADE: <u>380 ft</u>		

DESCRIPTION OF FORMATION

FROM	TO	FORMATION IS	COLOR
0	15	Sand	tan
15	30 50	Sandstone	tan
30 50	90	Shale	Grey
90	150	Sandstone	lt Grey
150	180	Water Sand	lt Grey
180	220	Shale	purple
220	230	Sandstone	lt Grey
270	300	Shale	Purple
300	330	Shale Sandstone	lt Grey
330	380	Shale & Sandy shale	dk Grey
		T.D 380 ft	
		SET 20 P.V.C. casing	

REMARKS: No water sample set 20 ft casing

Kevin Barge

Driller

Tool Dresser