

30-045-13030

5203

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

Operator MERIDIAN OIL Location: Unit SE Sec. 31 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #137

cps 935w

Elevation 6643' Completion Date 8/5/75 Total Depth 325' 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. 135', 172'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3900 lbs.

Depths anodes placed: 250', 240', 230', 220', 195', 185', 175', 165', 155', 145'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: gb #1

RECEIVED

REC'D
MAY 31 1991

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 Hereto) ☐

Completion Date ⁵ 8-8-75

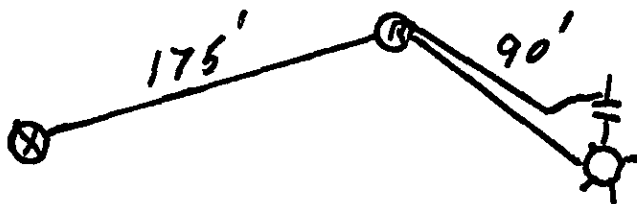
Well Name Huerfano #137		Location SE31-26N-9W		CPS No. 935W	
Type & Size Bit Used 6 3/4"				Work Order No. 54317.19-50-	
Anode Hole Depth 325'	Total Drilling Rig Time	Total Lbs. Coke Used 3,900	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	250'	240'	230'	220'	195'
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	5.0	4.8	4.6	4.4	3.4
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts 11.8	Amps 18.0	Ohms 0.65	2160'		

Remarks: Drill with Driller said water at 135
more water at 172' started placing anodes
loose rock falling in hole pulled anodes
out Driller came back and circulated with
mud. Logging anode stopped first time at
299'. Logging anode stopped after mud at
265'. Vent hose perforated 200'
 All Construction Completed

Driller 932.88
 Note 300.00
 Snap 213.00
 Wire 200.88
 Cable 234.00
 Anode 264.60
 T.Bos 83.00
 Rod 24.00
 Misc 50.00
2484.22

Edward R. Paulch
 (Signature)

GROUND BED LAYOUT SKETCH



Bv

935W

Driller said water
AT 135 more AT 172

MP	gas/mol
17	C ₁ 8.4
18	C ₂ 2.7
24	C ₃ 10.44
38	IC ₄ 12.38
42	NC ₄ 11.93
72	IC ₅ 13.95
76	NC ₅ 13.71
96	IC ₆ 15.50
100	CA 15.57
100	IC ₇ 17.2
100	C ₇ 17.46
114	C ₈ 19.0
28	C ₉ 4.64
42	C ₁₀ 9.51

MP	MISC.	Calc.
44	CO ₂	0.55
44	H ₂ S	5.79
26	N ₂	4.16
2	H ₂	1.18

140	2.4				
120	2.0				
50	2.0				
60	2.4				
60	2.2				
70	2.4				
70	2.4				
80	2.6				
80	2.4				
90	2.4				
100	2.0				
200	1.2				
10	1.2				
10	1.6				
20	2.2				
20	2.4	5.3	1.250	2.8	5.0
20	2.4		2.240	2.8	4.8
30	2.4		3.280	2.8	4.6
30	2.4		4.280	2.6	4.4
40	2.6		5.195	2.4	3.4
40	2.6		6.185	2.8	4.4
50	2.6		7.275	3.0	5.0
50	2.4		8.165	2.6	4.2
60	2.4		9.155	2.8	4.8
60	2.4	BOTTOM AT 172	10.1145	2.4	4.0
70	2.2				
70	2.4		18.60	11.8	18.0 0.65 ~
80	2.4		3.00		
80	1.2		2.160		
90	1.6				
299	BOTTOM				
300					
10					