

30-045-20839

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. 8 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #222

cps 955w

Elevation 6617' Completion Date 8/26/75 Total Depth 350' 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. 130'

Depths gas encountered: N/A

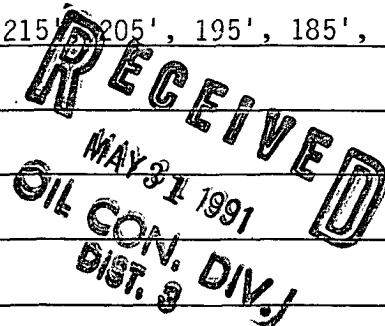
Type & amount of coke breeze used: 4000 lbs.

Depths anodes placed: 295', 285', 235', 225', 215', 205', 195', 185', 175'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: gb #1



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

[Signature]

Drilling Log (Attach Hereto). ☐

Completion Date 8-26-75

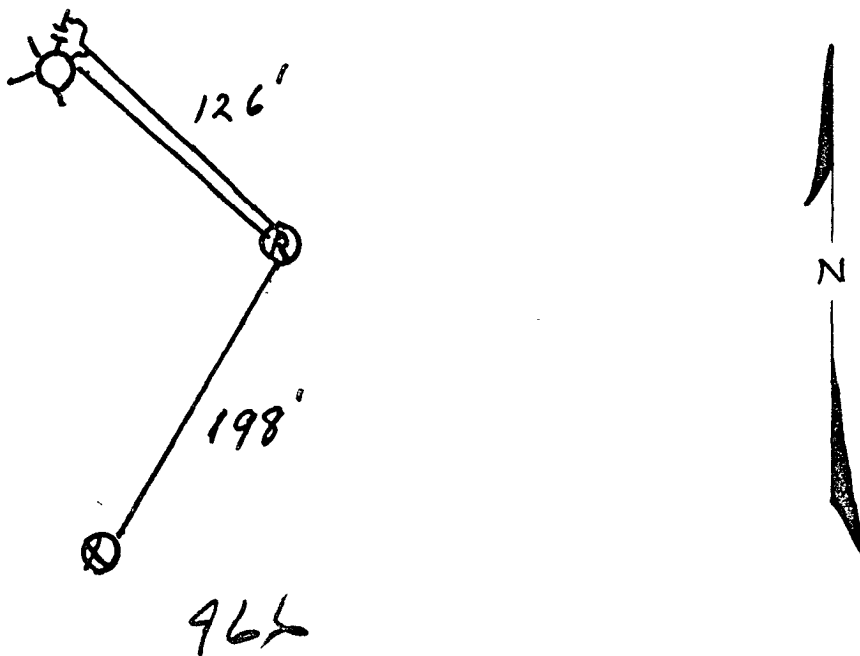
Well Name <u>Huer Pano # 222</u>		Location <u>SE 8-26N-10W</u>		CPS No. <u>955W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>54918.19-50-20</u>	
Anode Hole Depth <u>350</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>4,000</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>295</u>	# 2 <u>285</u>	# 3 <u>245</u>	# 4 <u>235</u>	# 5 <u>225</u>	# 6 <u>215</u>
# 7 <u>205</u>	# 8 <u>195</u>	# 9 <u>185</u>	# 10 <u>175</u>		
Anode Output (Amps)					
# 1 <u>4.2</u>	# 2 <u>4.0</u>	# 3 <u>4.4</u>	# 4 <u>4.2</u>	# 5 <u>4.4</u>	# 6 <u>4.4</u>
# 7 <u>4.4</u>	# 8 <u>4.4</u>	# 9 <u>4.2</u>	# 10 <u>4.6</u>		
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	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts <u>11.8</u>	Amps <u>18.0</u>	Ohms <u>0.65</u>	<u>2560</u>		

Remarks: Drill With Air. Driller said water @ 130
VENT Hose Perforated 200'
Logging Anode stopped AT 322'

All Construction Completed

Edward R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



By William N. Tamm

955W

MW	LAIS/mol
16	C ₁ 9.4
30	C ₂ 1.77
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	NC ₆ 15.57
142	IC ₇ 17.2
156	NC ₇ 17.46
170	C ₈ 17.77
184	C ₉ 17.77
200	C ₁₀ 19.64
216	C ₁₁ 19.67

MW	MISC.
44	CO ₂ 2.35
72	H ₂ S 5.17
28	N ₂ 4.16
2	H ₂ 2.35

170	2.0	Dry/Net Solid Water			
80	2.0	AT 170'			
90	2.0	Vent Perd. 200'			
200	2.0				
10	2.0				
20	2.1				
30	2.0				
40	2.0				
50	1.9				
60	1.6				
70	1.2				
80	1.9				
90	2.0				
300	2.0				
10	1.8				
20	1.8				
7					

SS	Water	CO ₂
1 295	2.3	4.2
2 285	2.4	4.0
3 245	2.4	4.4
4 235	2.5	4.2
5 225	2.6	4.2
6 215	2.6	4.4
7 205	2.6	4.4
8 195	2.6	4.4
9 185	2.6	4.2
10 175	2.6	4.6
1260	11.8	18.0
300		
1560		0.65

Bottom 322
