

#70 30-45-05975
#230 30-045-20910

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

Operator MERIDIAN OIL Location: Unit NW Sec. 8 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #70, #230
cps 954w

Elevation 6563' Completion Date 8/28/75 Total Depth 275' 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. 35' & 100'

RECEIVED
MAY 31 1991

Depths gas encountered: N/A

OIL CON. DIST. 3

Type & amount of coke breeze used: 2500 lbs.

Depths anodes placed: 205', 195', 185', 175', 165', 155', 145', 135', 125', 115'

Depths vent pipes placed: N/A

Vent pipe perforations: 175'

Remarks: Cqb #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

[Handwritten signature]

Drilling Log (Attach Hereto) ☐

Completion Date 8-28-73

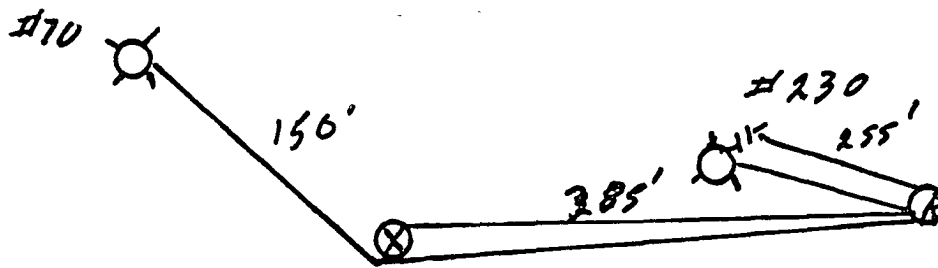
Well Name <u>HUEYLAND 230</u> <u>HUEYLAND 20</u>		Location <u>NW 8 - 26N - 10W</u>		CPS No. <u>954W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>55230.19-50-2-C</u> <u>53075.19-50-2-C</u>	
Anode Hole Depth <u>275</u>	Total Drilling Rig Time		Total Lbs. Coke Used <u>2,500</u>	Lost Circulation Mat'l Used	
No. Sucks Mud Used					
Anode Depth					
# 1 <u>205</u>	# 2 <u>195</u>	# 3 <u>185</u>	# 4 <u>175</u>	# 5 <u>165</u>	# 6 <u>155</u>
# 7 <u>145</u>	# 8 <u>135</u>	# 9 <u>125</u>	# 10 <u>115</u>		
Anode Output (Amps)					
# 1 <u>3.2</u>	# 2 <u>4.5</u>	# 3 <u>4.4</u>	# 4 <u>4.5</u>	# 5 <u>4.2</u>	# 6 <u>4.2</u>
# 7 <u>1.6</u>	# 8 <u>1.8</u>	# 9 <u>4.0</u>	# 10 <u>4.4</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		
Volts <u>11.8</u>	Amps <u>12.5</u>	Ohms <u>0.95</u>	<u>1900'</u>		
			No. 2 C.P. Cable Used		

Remarks: Drill with Air. Driller said water at
35' more water at 100'. Vent Hose Perfor
175'. Logging Anode stopped at 223'

All Construction Completed

[Signature: Edward R. Paulik]
(Signature)

GROUND BED LAYOUT SKETCH



669

954W

Driller said water AT
35' MORE WATER AT
100'
VENT PER A. 175'

lb	gal/mol
10	C ₁ 0.1
30	C ₂ 0.5
44	C ₃ 1.0
58	IC ₄ 1.2
72	NC ₄ 1.1
86	IC ₅ 1.3
100	IC ₆ 1.5
114	C ₇ 1.7
128	C ₈ 1.9
142	C ₉ 2.1

100 1.2
1.2
10 1.0
2.4
20 2.4
2.2
30 2.0

③ 1.6

④ 40 1.4

⑤ 1.2

50 1.6

⑥ 1.4

60 2.6

⑦ 2.6

70 2.6

⑧ 2.4

80 2.6

⑨ 2.4

90 2.6

⑩ 2.6

200 2.6

⑪ 2.4

10 2.0

1.6

20 1.8

30

40

50

60

70

2 2 3 H₂O

SS	Water	CO ₂
1 205	2.2	3.2
2 195	2.8	4.5
3 185	2.6	4.4
4 175	2.6	4.5
5 165	2.4	4.2
6 155	2.4	4.2
7 145	1.4	2.6
8 135	1.6	2.8
9 125	2.2	4.0
10 115	2.4	4.4

1600 11.8 12.5 0.95

300

1900

lb	MISC	gal/mol
44	CO ₂	0.18
44	H ₂ O	0.17
28	N ₂	0.16
2	H ₂	0.16