

140 - 30-045-06080
248 - 30-045-21407

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. 5 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #140, NP #248

cps 905w

Elevation 6519' Completion Date 7/2/75 Total Depth 400' 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. 115'

Depths gas encountered: N/A

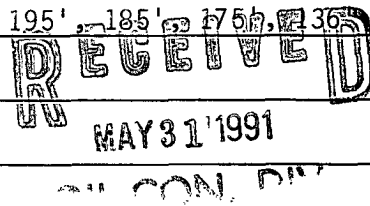
Type & amount of coke breeze used: 3400 lbs.

Depths anodes placed: 320', 300', 275', 265', 215', 205', 195', 185', 175', 165'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: Log #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

Log 19

Drilling Log (Attach Hereto) ☐

Completion Date 7/2/75

Well Name <u>HURTADO 140</u> <u>HURTADO 248</u>		Location <u>NW 5 - 26N - 9W</u>		CPS No. <u>905W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>184-54357.19-50-20</u> <u>184-55397.15-50-20</u>	
Anode Hole Depth <u>400'</u>	Total Drilling Rig Time		Total Lbs. Coke Used <u>3400</u>	Lost Circulation Mat'l Used	
Anode Depth				No. Sacks Mud Used	
# 1 <u>320</u>	# 2 <u>300</u>	# 3 <u>275</u>	# 4 <u>265</u>	# 5 <u>215</u>	# 6 <u>205</u>
# 7 <u>195</u>	# 8 <u>185</u>	# 9 <u>175</u>	# 10 <u>136</u>		
Anode Output (Amps)					
# 1 <u>3.0</u>	# 2 <u>2.8</u>	# 3 <u>2.8</u>	# 4 <u>3.0</u>	# 5 <u>3.0</u>	# 6 <u>3.0</u>
# 7 <u>3.2</u>	# 8 <u>3.4</u>	# 9 <u>3.4</u>	# 10 <u>2.6</u>		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance				No. 8 C.P. Cable Used	
Volts <u>11.8</u>	Amps <u>11.0</u>	Ohms <u>1.07</u>	<u>2585</u>		No. 2 C.P. Cable Used

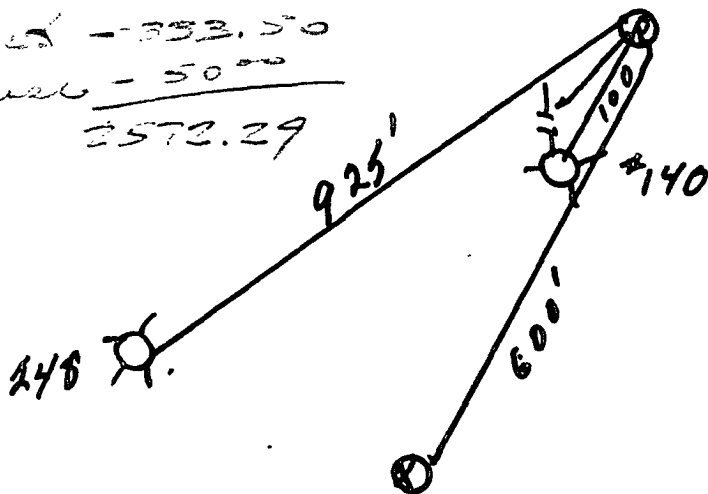
Remarks: Drill with Air Driller said water
@ 115' VENT HOSE Perforated 200'
Logging ANODE STOPPED @ 370

Driller 1075.40
Water - 256.36
Imp - 64.02
Wave - 240.41
anode - 754.50
Coke - 304.00
T Bar - 73.00
Lead - 353.50
Mud - 50.00
2573.29

All Construction Completed

Edward R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



90.5 W

WELL DRILLERS REPORT

(Office Use Only)

PERMIT NO. _____ County _____

[illegible]Form 407 - 1074

905W

MW	gas/mol
16 C ₁	6.4
30 C ₂	10.2
44 C ₃	10.42
58 C ₄	12.38
72 C ₅	11.93
86 C ₆	13.85
100 C ₇	15.71
114 C ₈	15.50
128 C ₉	15.57
142 C ₁₀	17.2
156 C ₁₁	17.46
170 C ₁₂	20.31
184 C ₁₃	9.64
198 C ₁₄	9.67

MW	gas/mol
44 CO ₂	6.38
34 H ₂ S	5.17
28 N ₂	4.16
2 H ₂	3.38

120	1.8	300	1.6	Driller said wet @ 115		
	1.6		1.2			
10 30	1.6	10	.8	VENT perforated 200'		
	1.6		1.2			
40	1.4	20	1.8 ✓			
	1.0		1.6 ✓			
50	1.2	30	1.4			
	1.2		1.2			
60	1.2	40	1.2			
	1.0		1.0			
70	1.0	50	1.4			
7	1.6		1.8			
80	2.0	60	1.8			
9	1.8		1.8			
90	1.8	70	2.0 BOTTOM			
10	1.8		1			
200	1.8	80				
6	1.8					
10	1.8					
3	1.8					
20	1.2					
	1.0					
30	1.0					
	.6					
40	1.0					
	1.4					
50	1.0					
	1.0					
60	1.0					
4	1.6					
70	1.6					
3	1.6					
80	1.0					
	.8					
90	1.2					
	1.6					

4.3			
1	320	1.0	3.0
2	300	1.8	2.8
3	275	1.8	2.8
4	265	2.0	3.0
5	215	2.0	3.0
6	205	2.0	3.0
7	195	2.0	3.2
8	185	2.0	3.7
9	175	2.0	3.4
10	130	1.8	2.6
2285		11.8V	11.0 1.07
300			
2585			
11.8		11.0	