

30-045-20911

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. 5 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT NP #229

cps 951w

Elevation 6644' Completion Date 8/29/75 Total Depth 425' 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. 190'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3700 lbs.

Depths anodes placed: 320', 310', 295', 285', 275', 265', 255', 245', 220', 210'

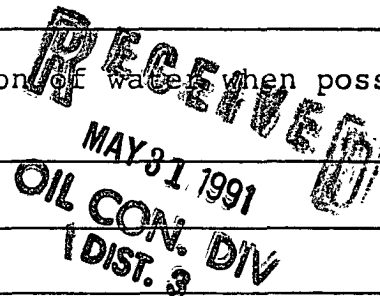
Depths vent pipes placed: N/A

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

Drilling Log (Attach Hereto) ☐

Completion Date 8-29-7

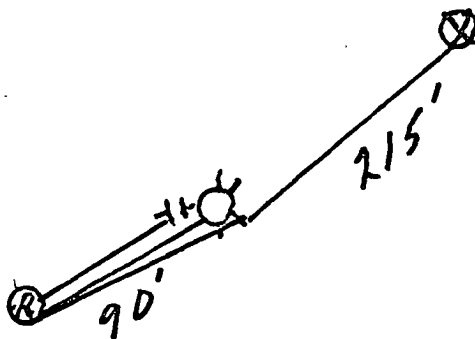
Well Name <u>Haverford # 229</u>		Location <u>SE 5-26N-10W</u>		CPS No. <u>951W</u>						
Pipe & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>55229.19-50--</u>						
Anode Hole Depth <u>425</u>	Total Drilling Rig Time		Total Lbs. Coke Used <u>3,700</u>	Lost Circulation Mat'l Used						
No. Sacks Mud Used										
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	<u>320</u>	<u>310</u>	<u>295</u>	<u>285</u>	<u>275</u>	<u>265</u>	<u>255</u>	<u>245</u>	<u>220</u>	<u>21</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	<u>3.2</u>	<u>4.0</u>	<u>3.2</u>	<u>4.0</u>	<u>4.0</u>	<u>4.2</u>	<u>4.2</u>	<u>5.0</u>	<u>3.2</u>	<u>3.</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	Volts		Amps		Ohms		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	
	<u>11.8</u>		<u>3.0</u>		<u>0.78</u>		<u>2980'</u>			

Remarks: Drill WITH AIR TO 375'. Driller said
Water AT 190' Driller could NOT Blow cutti.
OUT Switch To Mud Hole was caving. Logging
Anode stopped AT 348'. Vent Hose Perfor.
200'

All Construction Completed

Eduard R. Pauker
(Signature)

GROUND BED LAYOUT SKETCH



Bv

951 W

VW	gas/mol
16	C ₁ 4.4
30	C ₂ 2.0
14	C ₃ 10.42
58	IC ₄ 12.38
11	NC ₄ 11.93
72	IG ₅ 13.85
11	NG ₆ 13.71
86	IG ₆ 15.50
100	IG ₇ 15.57
100	IG ₇ 17.2
114	C ₈ 17.16
28	C ₉ 17.1
42	C ₁₀ 9.64
42	C ₁₁ 9.67

MW	MISC	gas/mol
44	CO ₂	5.38
14	H ₂ O	5.17
28	N ₂	4.16
2	H ₂	3.38

190	1.6	70	Driller said water at 190			
200	1.4	80	VENT perforated 200'			
10	2.0	90				
20	1.8	400				
30	1.6	10				
40	1.8	20				
50	2.1	30				
60	2.1	40				
70	2.0	50				
80	2.0					
90	2.0					
300	1.6					
10	2.2					
20	2.0					
30	1.4					
40	1.6					
50	1.6					
60	1.6					
348	Bottom					
50						
60						

1	320	2.0	3.2
2	310	2.2	4.0
3	295	2.0	3.2
4	285	2.4	4.0
5	275	2.6	4.0
6	265	2.6	4.2
7	255	2.6	4.2
8	245	2.6	5.0
9	220	2.0	3.2
10	210	2.2	3.0
2680	11.8	15.0	0.78
300			
2980			