

30.045-11843

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. 9 Twp 25 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #172

cps901w

Elevation 6689' Completion Date 6/27/75 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. 200'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4100 lbs.

Depths anodes placed: 360', 350', 340', 330', 320', 290' - 280', 270', 260', 240'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV

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 6-27-75

Well Name Huerfano #172		Location NW 9-25N-9W		CPS No. 901W	
Type & Size Bit Used 6 3/4				Work Order No. 184-20587.19-50-a	
Anode Hole Depth 400'	Total Drilling Rig Time	Total Lbs. Coke Used 4100	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1	# 2	# 3	# 4	# 5
	360	350	340	330	320
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5
	4.4	4.4	4.8	4.2	4.2
Anode Depth	# 6	# 7	# 8	# 9	# 10
	290	280	270	260	240
Anode Output (Amps)	# 6	# 7	# 8	# 9	# 10
	4.2	5.0	5.2	4.6	4.4
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 18.5	Ohms 0.64	3340		

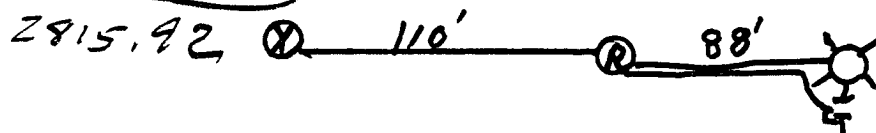
Remarks: **VENT Hose Perforated 200'**
STATIC WATER LEVEL @ 200' NEXT MORNING

Driller - 1201.20
Master - 358.80
Slave - 106.70
Line - 244.00
to slave - 310.62
anode - 264.60
Read - 195.00
Total - 23.22
min - 50.00

All Construction Completed

Edward R. Pank
(Signature)

GROUND BED LAYOUT SKETCH



901W

MW	gas/mol
16	C ₁ 5.4
30	C ₂ 13.7
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	C ₆ 15.57
142	IC ₇ 17.2
156	C ₇ 17.46
170	C ₈ 17.71
184	C ₉ 19.64
200	C ₁₀ 19.67

MW	WISC	gas/mol
44	CO ₂	6.18
18	H ₂ O	5.17
28	N ₂	1.16
2	H ₂	1.18

200	1.8	80	1.3	Bottom Driller Said Static					
	.8			Water Level over Night					
10	.8			@ 200'					
	1.2			vent hose perforated					
20	1.4			200'					
	1.8								
30	2.0								
	2.4								
40	2.4								
	2.4								
50	2.2								
	2.2								
60	2.4								
	2.2								
70	2.4								
	2.4								
80	2.2								
	2.4								
90	2.4								
	2.0								
300	1.5								
	1.6								
10	2.0								
	2.2								
20	2.4								
	2.4								
30	2.4								
	2.6								
40	2.4								
	2.4								
50	2.6								
	2.4								
60	2.4								
	2.4								
70	2.0								
	1.6								

	S	Water	CO ₂
1	360	2.4	4.4
2	350	2.6	4.4
3	340	2.4	4.8
4	330	2.2	4.2
5	320	2.2	4.2
6	290	2.2	4.2
7	280	2.2	5.0
8	270	2.2	5.2
9	260	2.2	4.6
10	240	2.2	4.4

30	40	11.8V	18.5A	0.64
30	0			
33	40			

