

30-045-20814

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. 29 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUIERFANO UNIT #219

cps 992w

Elevation 6571 Completion Date 9/19/75 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. 125'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4800 lbs.

Depths anodes placed: 340', 330', 320', 310', 300', 290', 275', 250', 240', 150'

Depths vent pipes placed: N/A

Vent pipe perforations: 225'

Remarks: gb #1

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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

Completion Date 9-19-77

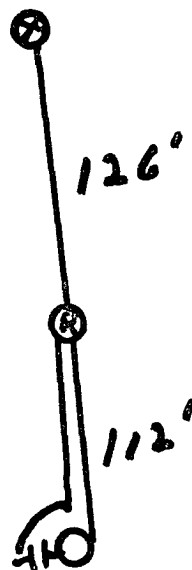
Well Name Huerta #219		Location SE 29-26N-10W		CPS No. 992W	
Type & Size of Well 6 3/4"				Work Order No. 54915.19-50	
Anode Head Depth 400		Total Drilling Rig Time		Total Lbs. Coke Used 4,800	
				Lost Circulation Mat'l Used	
				No. Sacks Mud Used	
Anode #	1	2	3	4	5
Depth	340	330	320	310	300
Output (Amps)	2.8	3.3	2.8	3.3	3.5
Depth	290	275	250	240	230
Output (Amps)	3.2	3.0	3.4	3.0	3.0
Depth	210	200	190	180	170
Output (Amps)	3.0	3.0	3.0	3.0	3.0
Depth	160	150	140	130	120
Output (Amps)	3.0	3.0	3.0	3.0	3.0
Depth	110	100	90	80	70
Output (Amps)	3.0	3.0	3.0	3.0	3.0
Depth	60	50	40	30	20
Output (Amps)	3.0	3.0	3.0	3.0	3.0
Depth	10	0	0	0	0
Output (Amps)	3.0	3.0	3.0	3.0	3.0
Total Circuit Resistance	Volts 10.5		Amps 9.0		Ohms 1.16
No. 8 C.P. Cable Used	3110'		No. 2 C.P. Cable Used		

Remarks: **Drill with Air Driller said water AT 125. Vent Hose perforated 225'. Logging Anode stopped AT 381.**

All Construction Completed

Paul E. Hine
(Signature)

GROUND BED LAYOUT SKETCH



er's Signature Charles R. Paulk

HUBERFANO UNIT #219

992 W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 10.42
44	C ₃ 12.38
58	IC ₄ 13.85
72	NC ₄ 15.57
86	IC ₅ 17.46
100	C ₆ 19.41
114	C ₇ 21.41
128	C ₈ 23.46
142	C ₉ 25.57

MW	MISC	gas/mol
44	CO ₂	9.52
34	H ₂ S	5.17
28	N ₂	1.16
2	H ₂	1.38

125	1.5	325	1.5	DRILLER SAID WATER	
30	1.5	10	1.5	AT 125'	
35	1.4		1.5		
40	1.0	20	1.4		
	0.7		1.2		
50	1.3	30	1.5		
	1.5		1.4		
60	1.4	40	1.3		
	1.4		1.2		
70	1.4	50	0.9		
	1.3		0.8		
80	1.1	60	0.7		
	1.0		0.8		
90	1.1	70	0.7		
	1.2		0.6		
200	1.2	TD 375			
	1.2	80			
10	1.2	TD 381			
	1.2				
20	1.2				
	1.0				
30	1.2				
	1.1				
40	1.5	1	3.40	1.4	2.8
	1.4	2	3.30	1.7	3.3
50	1.4	3	3.20	1.6	2.8
	1.2	4	3.10	1.8	3.3
60	1.1	5	3.00	1.8	3.5
	1.0	6	2.90	1.8	3.7
70	1.0	7	2.75	1.7	3.2
	1.4	8	2.50	1.8	3.0
80	1.4	9	2.40	1.8	3.4
	1.4	10	1.55	1.8	3.4
90	1.5				
	1.5				
300	1.5				

$$10.5 \sqrt{\frac{2810}{3110}}$$

$$9. A = 1.16 \mu$$