

30-045-20835

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. 30 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #216

cps 993w

Elevation 6455' Completion Date 9/25/75 Total Depth 350' 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. 130'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3300 lbs.

Depths anodes placed: 300', 260', 250', 240', 190', 180', 170', 160', 150', 140'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qb. #1

RECEIVED

MAY 31 1991

OIL CON. DIV
DIST. 3

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

Logged

Drilling Log (Attach Hereto). ☐

Completion Date **9-26-75**

Well Name Huerfano #216		Location NW 30-26N-10W		CPS No. 993 W	
Type & Size Bit Used 6 3/4"				Work Order No. 54868.19-50-2C	
Anode Hole Depth 350'		Total Drilling Rig Time		Total Lbs. Coke Used 3,300	
				Lost Circulation Mat'l Used	
				No. Sacks Mud Used	
Anode Depth					
# 1	300	# 2	260	# 3	250
# 4	240	# 5	190	# 6	180
# 7	170	# 8	160	# 9	150
# 10	140				
Anode Output (Amps)					
# 1	3.8	# 2	2.9	# 3	3.6
# 4	3.6	# 5	3.1	# 6	3.7
# 7	4.0	# 8	3.6	# 9	3.6
# 10	4.0				
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		No. 2 C.P. Cable Used	
Volts	10.5	Amps	13.0	Ohms	0.80
				2430	

Remarks: **Drill with Air Driller said water at 130' Logging Anode stopped at 332' Vent Hose Perforated 200'.**

All Construction Completed

Paul H. Hines
(Signature)

GROUND BED LAYOUT SKETCH



6455

993W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 2.12
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 ₇ 15.57
142	IC ₇ 17.40
156	C ₈ 17.91
170	C ₉ 19.64
184	C ₁₀ 21.67

VW	NISC	gas/mol
44	CO ₂	0.38
24	H ₂ S	0.17
28	N ₂	1.16
2	H ₂	1.38

	1.0	D 300	1.2	Driller said water A			
130	1.0		1.0	130'			
	1.4	10	1.0	VENT Per f	200'		
⑥ 70	1.6		1.0				
	1.6	20	1.1				
⑦ 50	1.6		1.2				
	1.6	30	1.8				
⑧ 60	1.6	TD 332					
	1.6	40					
⑨ 70	1.6						
	1.6	50					
⑩ 80	1.6						
	1.6						
⑪ 90	1.5						
	1.2						
200	1.0						
	0.8						
10	0.8						
	0.8						
20	0.8						
	1.1						
30	1.1						
	0.8		1	300	1.3	2.0	2.8
⑫ 40	1.6		2	260	1.8	2.4	
	1.6		3	250	1.9	3.6	
⑬ 50	1.6		4	240	1.8	3.6	
	1.7		5	190	2.2	3.1	
⑭ 60	1.7		6	180	1.8	3.7	
	1.3		7	170	1.8	4.0	
70	0.7		8	160	1.7	3.6	
	0.7		9	150	1.6	3.0	
80	0.7		10	140	1.6	2.0	
	0.8						
90	1.8			2030	10.5	13.0	0.80
	0.9			400			
				2430			