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430

30-045-11579

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. 35 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #145

cps 1002w

Elevation 6715' Completion Date 10/2/75 Total Depth 375' 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. 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: 5000 lbs.

Depths anodes placed: 295', 285', 275', 265', 255', 245', 235', 225', 215', 205'

Depths vent pipes placed: N/A

Vent pipe perforations: 205'

Remarks: gb #1

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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

Drilling Log (Attach Hereto) ☐

Handwritten signature
Completion Date **10-2-75**

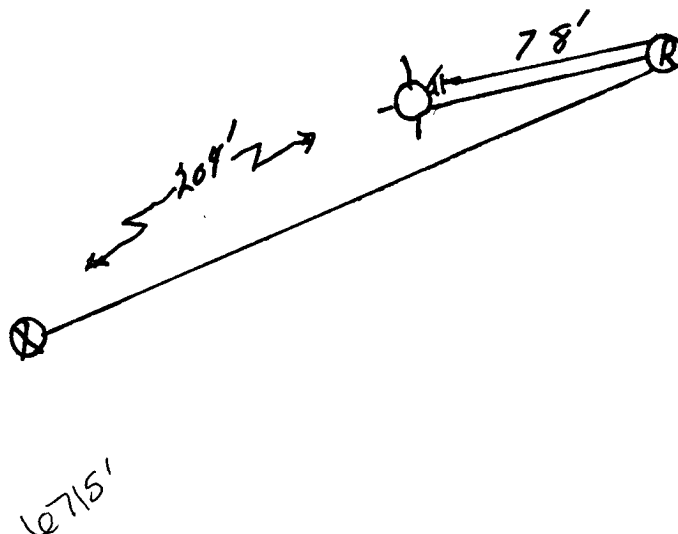
Well Name Huerfano # 145		Location SE35-26N-10W		CPS No. 1002 W						
Type & Size Bit Used 6 3/4"				Work Order No. 54391.19-50-20						
Anode Hole Depth 375'	Total Drilling Rig Time		Total Lbs. Coke Used 5,000	Lost Circulation Mat'l Used						
No. Sacks Mud Used										
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	295'	285'	275'	265'	255'	245'	235'	225'	215'	205'
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	2.8	3.3	3.2	3.0	3.3	3.4	3.6	3.5	3.2	3.1
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	
	10.5		12.0		0.87		2900'			

Remarks: **Drill With Air. Driller said water at 140'**
Logging ANode stopped AT 347'
VENT HOSE Perforated 205'

All Construction Completed

Handwritten signature: Paul H. Hines
(Signature)

GROUND BED LAYOUT SKETCH



1002 W

MW		pair/mol
16	C ₁	5.4
30	C ₂	10.12
44	C ₃	10.42
58	IC ₄	12.38
"	NC ₄	11.93
72	IC ₅	13.85
"	NC ₅	13.71
86	IC ₆	15.50
"	C ₆	15.57
100	IC ₇	17.2
"	C ₇	17.46
114	C ₈	19.39
28	C ₂ ⁺	9.64
42	C ₃ ⁺	9.67

MISC		
MW		gals/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.18

Depth	Temp	Depth	Temp	Notes
140	1.4	20	.6	Driller said water @ 140
	1.4		.6	Per # 205'
50	1.2	30	.8	
	1.2		1.2	
60	1.0	40	1.0	
	.8			347 Bottom
70	.8	50		
	.8			
80	.8	60		
	.8			
90	1.0	70		
	1.0			
200	1.0			
	1.2			
10	1.2			
	1.2			
20	1.2			
	1.2			
30	1.2			
	1.2			
40	1.2			
	1.2			
50	1.2	1	295	1.3 2.8
	1.2	2	285	1.5 3.3
60	1.2	3	275	1.5 3.2
	1.2	4	265	1.6 3.0
70	1.2	5	255	1.3 3.3
	1.2	6	245	1.3 3.4
80	1.2	7	235	1.4 3.6
	1.4	8	225	1.6 3.5
90	1.2	9	215	1.4 3.2
	1.2	10	205	1.4 3.1
300	.8			
	.6			
10	.6			
	.6			