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7- 30-045-05803
11- 30-045-13318

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDAIN OIL Location: Unit NW Sec. 15 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced BA::ARD #11, #7
cps 1021w

Elevation 6290' Completion Date 8/14/75 Total Depth 260' 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. WET 60'-80'

Depths gas encountered: N/A

Type & amount of coke breeze used: 2500 lbs.

Depths anodes placed: 215', 205', 195', 185', 175', 165', 150', 140', 130', 120', 110', 100'

Depths vent pipes placed: N/A

Vent pipe perforations: 215'

Remarks: gb #1 ALL ANODES GOT TIGHT. BELEIVE SAnd caved in, no response from
any anode.

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.

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 3

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date **8-14-75**

Well Name Ballard #11 & #7		Location NW 15-26-9		CPS No. 1021W	
Type & Size Bit Used 6 3/4"				Work Order No. 91029 & 90270	
Anode Hole Depth 260	Total Drilling Rig Time	Total Lbs. Coke Used 2500	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 215	#2 205	#3 195	#4 185	#5 175	#6 165
#7 130	#8 120	#9 110	#10 100		
Anode Output (Amps)					
#1 2.2	#2 2.4	#3 2.8	#4 2.6	#5 2.6	#6 2.3
#7 2.5	#8 2.4	#9 2.4	#10 2.6		
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 10.8	Amps 12.5	Ohms 0.86	No. 8 C.P. Cable Used 1900		No. 2 C.P. Cable Used

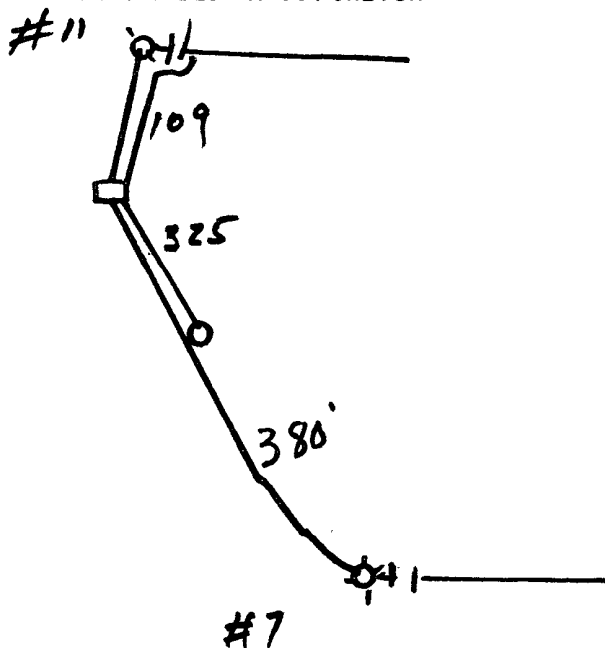
Remarks: **Driller said wet 60 to 80 - Start Water injection at 80**
Vent Perforated to Surface.
After 4 Sacks Coke - All anode's got tight
Believe Sand Caved in - No Response From
any Anode.

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Driller 933.10
 Moto 362.96
 Wire 176.70
 Coke 150.00
 Anodes 264.60
 Vent 23.00
 R.C. 333.50
 J Bone 86.00
 Misc 50.00
2379.86

All Construction Completed
Sorels
 (Signature)

GROUND BED LAYOUT SKETCH



1021 W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 10.12
44	C ₃ 16.62
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 15.50
100	NC ₅ 13.71
114	C ₆ 19.92
128	C ₇ 17.46
142	C ₈ 9.67

MW	gas/mol
44	CO ₂ 0.38
34	H ₂ S 5.17
28	N ₂ 4.16
2	H ₂ 3.38

80	2.2	2.2	Wet at 80' To 80' Start wtr. inj at 80'			
85	2.3	2.3				
100	2.3	2.2				
		2.2	Vent Perf. All			
10		2.1				
		2.2	Hole Caved - all anodes got Tight at same time No Response Believe Sand instead of Calce			
20		2.1				
		2.1				
30		2.1				
		1.8				
40		1.2				
		1.2				
50		.8				
		1.0				
60		1.7				
		2.0				
70		2.0				
		2.1				
80		2.2				
		2.2				
90		2.3	1	2.15	2.2	2.2
		2.3	2	2.05	2.4	2.4
200		2.3	3	1.95	2.4	2.8
		2.3	4	1.85	2.6	2.6
10		2.2	5	1.75	2.4	2.6
		2.0	6	1.65	2.1	2.3
20		1.5	7	1.30	2.4	2.5
		1.4	8	1.20	2.4	2.4
30		1.3	9	1.10	2.4	2.4
		1.3	10	1.00	2.6	2.6
40		1.4				
		TD				
50						
60						

$$10.80 \times 12.5A = 86n$$

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Company Supervisor