

E

811

70 - 30-045- 05966

80 - 30-045- 05970

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

Operator MERIDAIN OIL Location: Unit NE Sec. 10 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANITO UNIT #80, #70

cps 1016w

Elevation 6276' Completion Date 8/20/75 Total Depth 400' Land Type* N/A

Casing, Sizes, Types & Depths 25' OF STEEL CASING

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

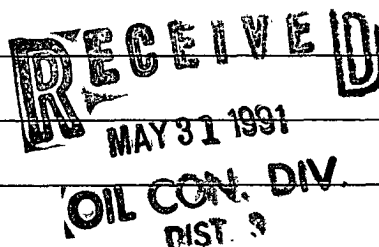
Type & amount of coke breeze used: 3900 lbs.

Depths anodes placed: 360', 350', 340', 330', 320', 310', 280', 220', 210' 190'

Depths vent pipes placed: N/A

Vent pipe perforations: 250'

Remarks: gb #1



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 **8-20-71**

Well Name Huerfano #80 Huerfano #70		Location NE 10-26N-9W		CPS No. 1016W	
Type & Size Bit Used 6 3/4"				W. 54583.19-50-2 90129.19-51-2	
Anode Hole Depth 400	Total Drilling Rig Time	Total Lbs. Coke Used 3,900	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 360	#2 350	#3 340	#4 330	#5 320	#6 310
#7 280	#8 220	#9 210	#10 19		
Anode Output (Amps)					
#1 3.6	#2 3.0	#3 3.0	#4 3.4	#5 3.8	#6 3.6
#7 3.4	#8 3.4	#9 4.0	#10 3.		
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 11.8	Amps 15.5	Ohms 0.76			
			No. 8 C.P. Cable Used 3215		No. 2 C.P. Cable Used

Remarks: **Drill with Air Driller said water at 130' Driller set 25' steel casing. Vent H. Perforated 250'**

Driller 1001.52

Meter - 310.46

Loop - 213.40

Wave 299. --

Cable 234. --

Anodes 264.60

Box 86. --

Rest 353. --

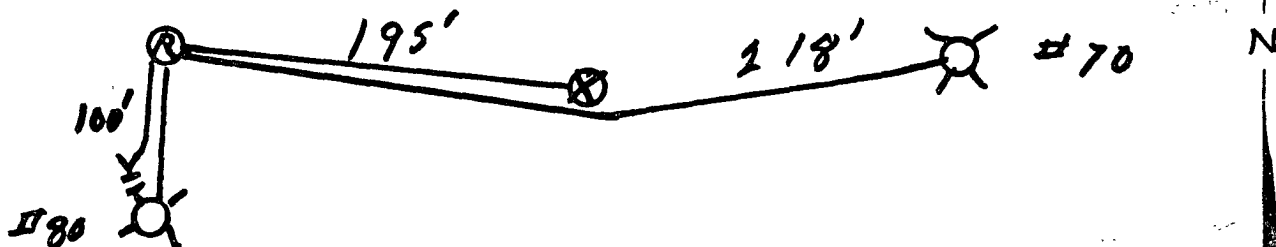
Vent 23. --

Meter 50. --
2815.98

All Construction Completed

Edward R. Pauler
(Signature)

GROUND BED LAYOUT SKETCH



963

62761



Ph. Office 405/584-6000
Mobile 584-6860
Night 420-3248

DATE 8-20-73

Work Order No. 54383 - 1950-20

Harland unit 70+80

CUSTOMER <i>El Paso Gas Co.</i>		SERVICE ADDRESS <i>7411 Washington New Mexico</i>		CITY <i>Farmington New Mexico</i>	
TEL. NO. <i>015-210114</i>	REQ. NO.	SERVICEMAN <i>Mr. James W. Sullivan</i>	VEHICLE NO. <i>T4</i>	DATE COMPLETED	

LITHOLOGIC LOG

[illegible]

Date started _____, 19____
Date completed _____, 19____

INSTRUCTIONS: 2.2 Deck Crane

SERVICE PERFORMED:

TOTAL DEPTH 321

RIG TIME

WATER TRUCK

DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Ch. Nelson

Address

Well driller's license number

Signed

Date _____

Customer's Signature

By

1016 W

Driller said water
@ 130
vent Perforated 250'

MW	gas/mol
16	C ₁ 0.4
30	C ₂ 0.12
44	C ₃ 0.42
58	IC ₄ 1.2
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	C ₇ 17.46
142	IC ₇ 17.2
156	C ₈ 19.64
170	C ₉ 9.67

130	1.4	⑥ 10	1.6						
	1.4		1.8						
40	1.8	③ 20	1.8						
	1.0		1.8						
50	1.2	④ 30	1.6						
	.8		1.6						
60	.8	③ 40	1.6						
	1.4		1.5						
70	1.4	② 50	1.4						
	1.0		1.4						
80	1.2	① 60	1.6						
	1.4		1.8						
90	1.6	70	1.6						
⑩ 10	1.8		1.8						
200	1.6	80	Bottom 381						
	1.8	90							
⑨ 10	1.8								
	1.8								
⑧ 20	1.8	400							
	1.2								
30	1.0								
	1.0								
40	.8								
	1.0								
50	1.2								
	1.0								
60	1.1								
	.8								
70	1.0								
	1.4								
⑦ 80	1.6								
	1.6								
	1.2								
	.6								
	1.0								
	1.6								

MW	MSC	gas/mol
44	CO ₂	2.18
34	H ₂ S	1.77
28	N ₂	4.16
2	H ₂	2.18

1	360	2.0	3.6		
2	350	1.6	3.0		
3	340	1.8	3.0		
4	330	2.0	3.4		
5	320	2.2	3.8		
6	310	2.0	3.6		
7	280	2.0	3.4		
8	220	2.0	3.4		
9	210	2.2	4.0		
10	195	2.0	3.8		
	2915	11.8	15.5	0.76	
	300				
	3215				