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68 - 30-045 - 00008
103 - 30-045 - 011704

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

Operator MERIDIAN OIL Location: Unit SW Sec. 3 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANITO UNIT #103, #68

cps 1013w

Elevation 6327' Completion Date 8/15/75 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. 160'

Depths gas encountered: N/A

Type & amount of coke breeze used: 34 SACKS

Depths anodes placed: 320', 310', 300', 290', 255', 235', 225', 215', 205', 175'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: gb #1

RECEIVED
MAY 31 1991
OILCON. 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). ☐

Completion Date 8/15/75

Well Name <u>Huerfano UNIT #103</u> " " #68		Location <u>SW-3-26-9</u>		CPS No. <u>1013 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>54447.19-50-20</u> <u>90276.19-50-20</u>	
Anode Hole Depth <u>375</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>34 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	#1 <u>320'</u>	#2 <u>310'</u>	#3 <u>300'</u>	#4 <u>290'</u>	#5 <u>255'</u>
Anode Output (Amps)	#1 <u>4.3</u>	#2 <u>5.3</u>	#3 <u>5.1</u>	#4 <u>3.7</u>	#5 <u>4.0</u>
Anode Depth	#6 <u>235'</u>	#7 <u>225'</u>	#8 <u>215'</u>	#9 <u>205'</u>	#10 <u>175'</u>
Anode Output (Amps)	#6 <u>4.7</u>	#7 <u>4.6</u>	#8 <u>3.8</u>	#9 <u>4.0</u>	#10 <u>4.1</u>
Anode Depth	#11	#12	#13	#14	#15
Anode Output (Amps)	#11	#12	#13	#14	#15
Total Circuit Resistance	Volts <u>12</u>		Amps <u>18</u>		Ohms <u>.67</u>
No. 8 C.P. Cable Used		No. 2 C.P. Cable Used			

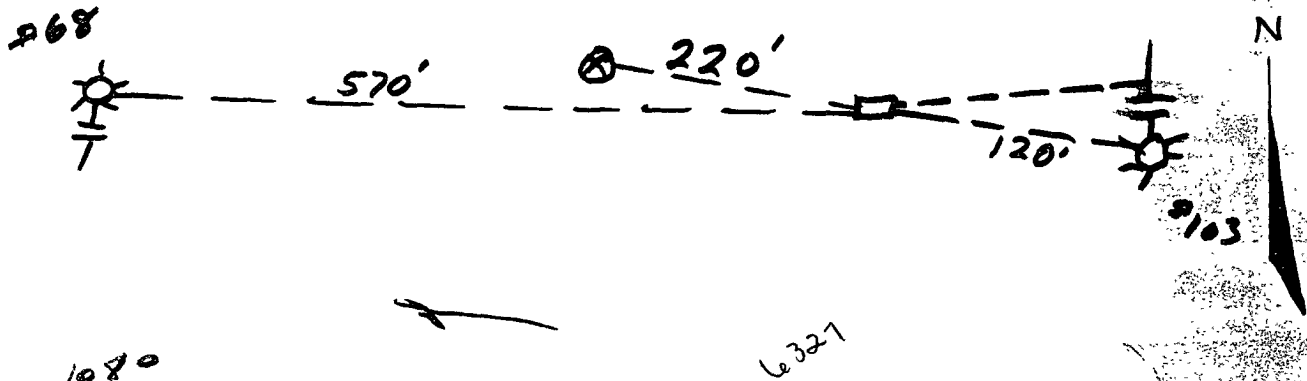
Remarks: Driller said water at 160'. Log stopped at 360'
Drilled 160' with air, then injected water.
Vent pipe on #1 Anode, perforated 200'.

Driller 1123.20
Note 449.28
Surp 213.40
Wire 263.19
Coke 204.00
Anodes 264.60
Vent 23.00
Box 86.00
Rest 333.50
3010.17

All Construction Completed

JE Stoltz
(Signature)

GROUND BED LAYOUT SKETCH



CPS - 1013 W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 10.12
44	C ₃ 10.42
58	C ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 11.85
100	NC ₅ 13.71
114	C ₆ 15.50
128	IC ₆ 17.2
142	C ₇ 17.46
156	C ₈ 19.91
170	C ₉ 21.64
184	C ₁₀ 23.67

MW	MISC.	gas/mol
44	CO ₂	5.19
44	H ₂ S	5.17
28	N ₂	4.16
3	H ₂	3.38

160 - 2.2	40 - 2.2				
- 2.2	- 2.2				
70 - 2.2	50 - 2.2				
- 2.3	-				
80 - 2.0	60 -				
- 1.8	-				
90 - 1.4	70 -				
- 1.6	375 - Bottom Hole depth				
200 - 2.0					
- 2.2					
10 - 2.0					
- 2.0					
20 - 2.2					
- 2.2					
30 - 2.1					
- 2.2					
40 - 1.8					
- 1.8					
50 - 1.8					
- 2.0					
60 - 1.8					
- 1.4					
70 - 1.6					
- 1.6	1 - 320 - 2.9 - 4.3				
80 - 1.7	2 - 310 - 2.6 - 5.3				
- 1.9	3 - 300 - 2.0 - 5.1				
90 - 2.1	4 - 290 - 2.5 - 3.7				
- 2.3	5 - 255 - 2.4 - 4.0				
300 - 2.3	6 - 235 - 2.6 - 4.7				
- 2.3	7 - 225 - 2.7 - 4.6				
10 - 2.2	8 - 215 - 2.3 - 3.8				
- 2.0	9 - 205 - 2.6 - 4.0				
20 - 2.2	10 - 175 - 2.9 - 4.1				
- 2.2					
30 - 2.0	360' log stop				
- 2.0	Vent perf. 200' on #1 AA062				

375' Hole

Water at 160'

200' Vent Penetrated



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

DATE 8-15-73

Work Order No. 54447-19-50-20

Neupentium = 103868

CUSTOMER <i>El Paso Gas Co</i>		SERVICE ADDRESS <i>68A995-24287401</i>		CITY <i>Farmington N.M.</i>	
EST. NO. <i>CPS-10134W</i>	REQ. NO.	SERVICEMAN <i>Margaret Dilling</i>	VEHICLE NO. <i>T.4.</i>	DATE COMPLETED	

LITHOLOGIC LOG

[illegible]

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

INSTRUCTIONS

SERVICE PERFORMED:

TOTAL DEPTH 360'

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 Chh. Nelson

Address

Well driller's license number

Signed

Date _____

Customer's Signature

By