

158 - 30-045-20028

249 - 30-045-21403

4321

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. 8 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #158, #249

cps 911w

Elevation 6539' Completion Date 7/14/75 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. WET AT 90' MORE WATER AT 210'

Depths gas encountered: N/A

Type & amount of coke breeze used: 4000 lbs.

Depths anodes placed: 310', 300', 290', 280', 260', 250', 235', 225', 215', 205'

Depths vent pipes placed: N/A

Vent pipe perforations: 250'

Remarks: {gb #1}

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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

Log

Drilling Log (Attach Hereto). ☐

Completion Date 7-14-75

Well Name <u>H407 PANO #159</u> <u>H407 PANO #149</u>		Location <u>NW 8 - 26N - 9W</u>		CPS No. <u>911W</u>						
Type & Size Bit Used <u>6 3/4</u>		Wellbore No. <u>184-54470.19-50-</u> <u>184-55598.19-50-</u>		No. Sacks Mud Used						
Anode Hole Depth <u>350</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>4,000</u>	Lost Circulation Mat'l Used		No. Sacks Mud Used					
Anode Depth	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	<u>310</u>	<u>300</u>	<u>290</u>	<u>280</u>	<u>260</u>	<u>250</u>	<u>235</u>	<u>225</u>	<u>215</u>	<u>205</u>
Anode Output (Amps)	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10
	<u>3.2</u>	<u>3.4</u>	<u>3.4</u>	<u>3.2</u>	<u>3.2</u>	<u>3.6</u>	<u>3.0</u>	<u>3.8</u>	<u>3.8</u>	<u>3.6</u>
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 <u>11.8</u>		Amps <u>13.0</u>		Ohms <u>0.91</u>		No. 8 C.P. Cable Used <u>2870</u>		No. 2 C.P. Cable Used	

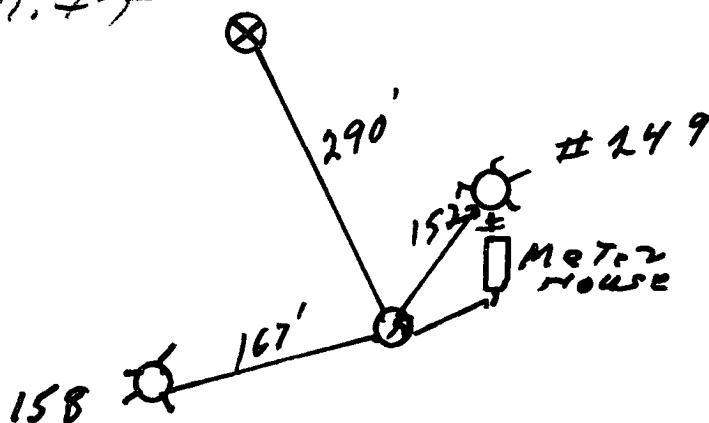
Remarks: DRILL WITH AIR. DRILLER SAID WET @
90' MORE WATER AT 210'. VENT HOSE PERIOD.
260' LOGGING ANODE STOPPED AT 330'

Driller 1045.30
note - 521.56
Imp. - 106.70
Wave - 266.91
Coke - 240.00
Anodes 264.60
T Bar - 83.00
Red - 333.50
Shin - 50.00
2911.47

All Construction Completed

Edward R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH



911W

VW	Cal/mol
16 C ₁	9.4
30 C ₂	10.12
44 C ₃	10.82
58 IC ₄	12.38
72 IC ₅	13.85
86 IC ₆	15.30
100 IC ₇	16.72
114 C ₈	18.11
128 C ₉	19.44
142 C ₁₀	20.72

MW	MISC	Cal/mol
44 CO ₂	6.38	
44 H ₂ S	5.17	
28 N ₂	4.11	
2 H ₂	3.38	

100	④	80	2.0	Driller said wet @ 90' more water @ 210' Vent Per 250'		
			1.6			
10	③	90	2.0			
			2.2			
10	②	300	2.2			
			2.5			
30	①	10	2.0			
			1.2			
40		20	1.5			
			1.8			
50		30	1.4	BOTTOM		
			2.4			
60			2.0			
			2.2			
70			1.2			
			1.0			
80			1.0			
			1.0			
90			1.0			
			1.8			
100			2.2			
			2.0			
110			2.2			
			2.4			
120			2.2			
			2.2			
30			2.4			
			2.0			
40			1.4			
			1.8			
50			1.5			
			2.0			
60			2.0			
			1.6			
70			1.6			
			1.6			

32		
1. 310	2.0	3.2
2. 300	2.2	3.4
3. 290	2.0	3.4
4. 280	2.0	3.2
5. 260	2.0	3.2
6. 250	2.0	3.6
7. 235	2.0	3.0
8. 225	2.4	3.8
9. 215	2.4	3.8
10. 205	2.2	3.6

2570 11.8V 13.0A 0.91
300
2870

