

140 - 30-045-06080
248 - 30-045-21407

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. 5 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #140, NP #248

cps 905w

Elevation 6519' Completion Date 7/2/75 Total Depth 400' 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. 115'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3400 lbs.

Depths anodes placed: 320', 300', 275', 265', 215', 205', 195', 185', 175', 165', 155', 145', 135', 125', 115', 105', 95', 85', 75', 65', 55', 45', 35', 25', 15', 5'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qb #1

RECEIVED

MAY 31 1991

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

Logged

Drilling Log (Attach Hereto) ☐

Completion Date 7/2/75

Well Name <u>HURFANO 140</u> <u>HURFANO 248</u>		Location <u>NW 5 - 26N - 9W</u>		CPS No. <u>905 W</u>	
Type & Size Bit Used <u>6 3/4"</u>				Work Order No. <u>184-54357.19-50-20</u> <u>184-55397.15-50-20</u>	
Anode Hole Depth <u>400'</u>	Total Drilling Rig Time		Total Lbs. Coke Used <u>3400</u>	Lost Circulation Mat'l Used	
Anode Depth		No. Sacks Mud Used			
# 1 <u>320</u>	# 2 <u>300</u>	# 3 <u>275</u>	# 4 <u>265</u>	# 5 <u>215</u>	# 6 <u>205</u>
# 7 <u>195</u>	# 8 <u>185</u>	# 9 <u>175</u>	# 10 <u>136</u>		
Anode Output (Amps)					
# 1 <u>3.0</u>	# 2 <u>2.8</u>	# 3 <u>2.8</u>	# 4 <u>3.0</u>	# 5 <u>3.0</u>	# 6 <u>3.0</u>
# 7 <u>3.2</u>	# 8 <u>3.4</u>	# 9 <u>3.4</u>	# 10 <u>2.6</u>		
Anode Depth					
# 11	# 12	# 13	# 14	# 15	# 16
Anode Output (Amps)					
# 11	# 12	# 13	# 14	# 15	# 16
Total Circuit Resistance		No. 8 C.P. Cable Used			
Volts <u>11.8</u>	Amps <u>11.0</u>	Ohms <u>1.07</u>	<u>2585</u>		No. 2 C.P. Cable Used

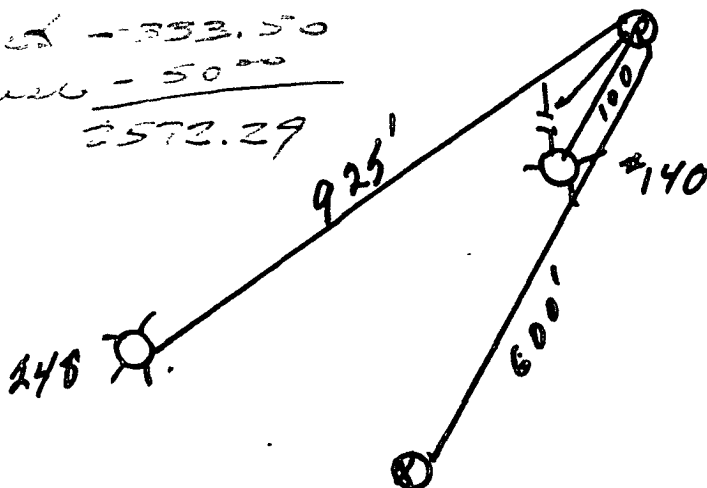
Remarks: Drill with Air Driller said water
@ 115' VENT HOSE Perforated 200'
hopping ANODE STOPPED @ 370

Driller 1075.40
Mate - 356.36
Trap - 64.00
Wave - 240.41
anode - 160.50
Coke - 204.00
J Box - 93.00
Valve - 333.50
Mud - 50.00
2573.29

All Construction Completed

Edward R. Pankh
(Signature)

GROUND BED LAYOUT SKETCH



905 W

WELL DRILLERS REPORT

(Office Use Only.)

1. OWNER _____ ADDRESS _____

PERMIT NO.[illegible]

WELL TEST DATA			
Pump R.P.M.	G.P.M.	Draw Down	After Hours Pump

10. **DRILLERS CERTIFICATION**

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

Name _____

Address _____

Well driller's license number _____

Signed Billy R Morgan

Date _____

905W

MW	gas/mc
15 C ₁	6.4
30 C ₂	10.2
44 C ₃	10.42
58 IC ₄	12.38
72 IC ₅	11.93
86 IC ₆	13.85
100 IC ₇	15.71
114 C ₈	15.50
128 C ₉	17.2
142 C ₁₀	17.46
156 C ₁₁	19.64
170 C ₁₂	19.67

MW	gas/mc
44 CO ₂	9.58
14 H ₂ O	3.17
28 N ₂	4.16
2 H ₂	1.38

120	1.8	300	1.6	Driller said wet @ 115	
	1.6		1.2		
10 30	1.6	10	.8	VENT Perforated 200'	
	1.6		1.2		
40	1.4	20	1.8		
	1.0		1.6		
50	1.2	30	1.4		
	1.2		1.2		
60	1.2	40	1.2		
	1.0		1.0		
70	1.0	50	1.4		
	1.6		1.8		
80	2.0	60	1.8		
	1.8		1.8		
90	1.8	70	2.0	Bottom	
	1.8		1		
200	1.8	80			
	1.8				
10	1.8				
	1.8				
20	1.2				
	1.0				
30	1.0				
	.6				
40	1.0				
	1.4				
50	1.0				
	1.0				
60	1.0				
	1.6				
70	1.6				
	1.6				
80	1.0				
	.8				
90	1.2				
	1.6				

43			
1	320	1.0	3.0
2	300	1.8	2.8
3	275	1.8	2.8
4	265	2.0	3.0
5	215	2.0	3.0
6	205	2.0	3.0
7	195	2.0	3.2
8	185	2.0	3.4
9	175	2.0	3.4
10	130	1.8	2.6
2285 11.8V 11.0 1.072			
300			
2583			
11.9 11.0			