

30-045-05709

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

Operator MERIDIAN OIL Location: Unit D Sec. 29 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #130

cps 880w

Elevation 6493' Completion Date 6/26/71 Total Depth 360' 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. WATER SANS 183' - 210'

Depths gas encountered: N/A

Type & amount of coke breeze used: 7460 lbs.

Depths anodes placed: 290', 280', 270', 245', 235', 225', 215', 205', 195', 185'

Depths vent pipes placed: N/A

Vent pipe perforations: 250'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL COMPANY

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 6/26/71

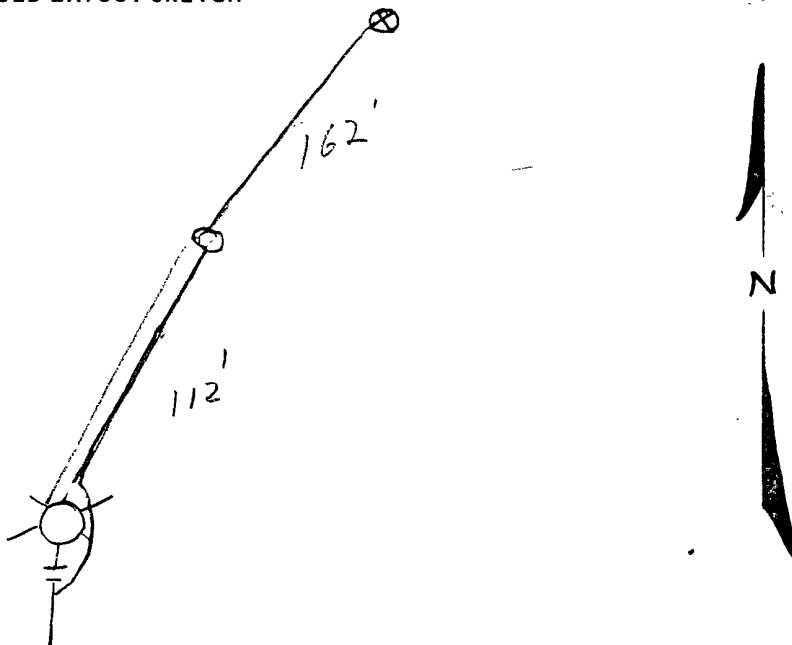
Well Name <u>Huerfano #130</u>		Location <u>29-26-9</u>		CPS No. <u>880 W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>184-54174-19-50-20</u>	
Anode Hole Depth <u>360'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>7460</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 <u>290'</u>	# 2 <u>280'</u>	# 3 <u>270'</u>	# 4 <u>245'</u>	# 5 <u>235'</u>	# 6 <u>225'</u>
# 7 <u>215'</u>	# 8 <u>205'</u>	# 9 <u>195'</u>	# 10 <u>185'</u>		
Anode Output (Amps)					
# 1 <u>6.4</u>	# 2 <u>6.2</u>	# 3 <u>5.4</u>	# 4 <u>5.0</u>	# 5 <u>6.0</u>	# 6 <u>6.5</u>
# 7 <u>6.2</u>	# 8 <u>6.5</u>	# 9 <u>5.6</u>	# 10 <u>6.3</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				No. 8 C.P. Cable Used	
Volts <u>12V</u>	Amps <u>22A</u>	Ohms <u>.55Ω</u>	<u>431'</u>		No. 2 C.P. Cable Used

Remarks: STATIC G/S 600' NW = .75 VENT HOSE PERFORATED 250'
SAND FELL IN AROUND PUMPING HOSE AND #18th ANODES
PULLED PUMPING HOSE OUT AND UNPLUGGED. JETTED PUMP
HOSE TO 305' AND WASHED SAND OUT. ALL ANODES RESPONDED
TO COKE. PUMPED TO 90' COMPLETED BY SLURRY
WATER SANDS 183' - 210'

All Construction Completed

P. Parikh
(Signature)

GROUND BED LAYOUT SKETCH



DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher Joe Morrow

____ Company Supervisor _____

CPS 880 W
Huertano 130

MW	gas/mol
16	C ₁ 6.1
30	C ₂ 7.56
44	C ₃ 10.42
58	IC ₄ 12.38
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	C ₈ 19.38
156	C ₉ 21.34
170	C ₁₀ 23.30
184	C ₁₁ 25.26
198	C ₁₂ 27.22
212	C ₁₃ 29.18
226	C ₁₄ 31.14
240	C ₁₅ 33.10
254	C ₁₆ 35.06
268	C ₁₇ 37.02
282	C ₁₈ 38.98
296	C ₁₉ 40.94
310	C ₂₀ 42.90
324	C ₂₁ 44.86
338	C ₂₂ 46.82
352	C ₂₃ 48.78
366	C ₂₄ 50.74
380	C ₂₅ 52.70
394	C ₂₆ 54.66
408	C ₂₇ 56.62
422	C ₂₈ 58.58
436	C ₂₉ 60.54
450	C ₃₀ 62.50

MW	MISC
14	CO ₂ 5.38
34	H ₂ S 5.17
28	N ₂ 4.16
2	H ₂ 3.38

			DEPTH	WATER	CODE
180	2.4	50	1 290	2.8	6.4
	2.6		2 280	2.8	6.2
90	2.4	60	3 270	2.8	5.4
	2.4		4 245	2.7	5.0
200	2.4		5 235	2.8	6.0
	2.5		6 225	3.1	6.5
10	2.6		7 215	3.0	6.2
	2.4		8 205	3.0	6.5
20	2.4		9 195	3.0	5.6
	2.5		10 185	3.4	6.3
30	2.4				
	2.3				
40	2.1				
	2.2				
50	2.1				
	2.0				
60	2.1				
	2.0				
70	2.3				
	2.1				
80	2.3				
	2.2				
90	2.3				
	2.3				
300	2.1				
	1.8				
10	1.38				
	.88				
20	.65				
	Bottom				
30					
40					

12V 22A - 552

Bottom Anode + 10' = 315'

$$D:TAH = 174 @ 20\% = 34.80$$

$$= 24'$$

$$Pay To To / Depth = 33.9$$

$$C7 code T E P N G = 161'$$