

30-045 20052

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

Operator MERIDIAN OIL Location: Unit SE Sec. 24 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #169

cps 984w

Elevation 6564' Completion Date 9/30/75 Total Depth 375' Land Type* N/A

Casing, Sizes, Types & Depths 24' OF SURFACE 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. 150'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3800 lbs.

Depths anodes placed: 320', 310', 300', 290', 280', 270', 260', 250', 220', 185'

Depths vent pipes placed: N/A

Vent pipe perforations: 225'

Remarks: gb #1

RECEIVED
MAY 31 1991
OIL CON. DIV.
DIST. 2

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/initials

Drilling Log (Attach Hereto). ☐

Completion Date 9-30-75

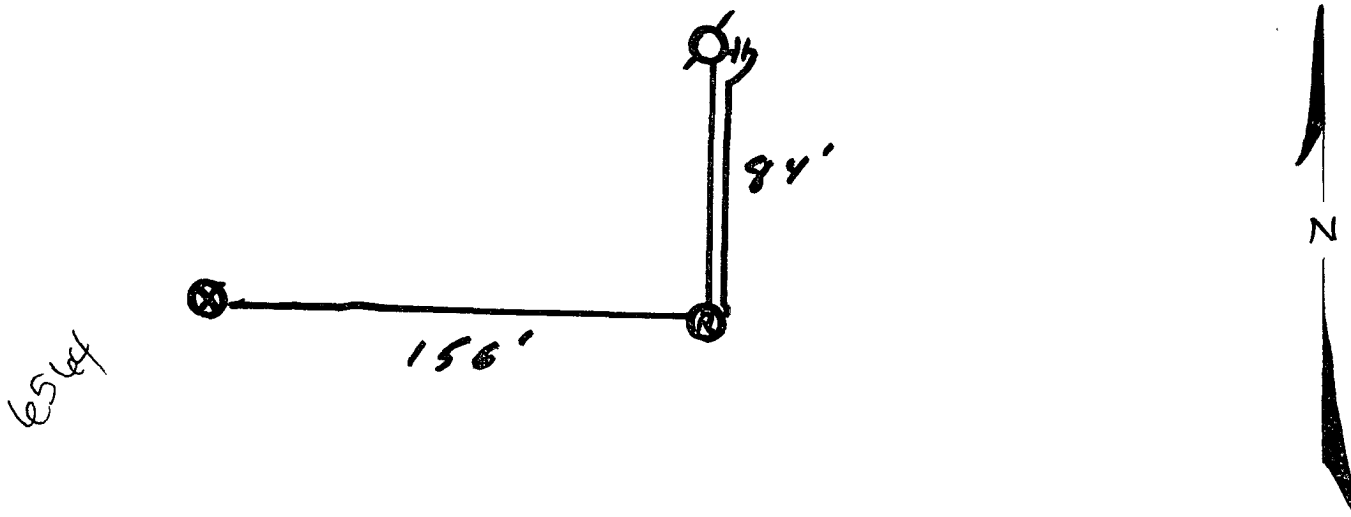
Well Name Huerfano #169				Location SE 24-26N-10W				CPS No. 984W			
Type & Size Bit Used 6 3/4								Work Order No. 54483.19-50-2			
Anode Hole Depth 375'		Total Drilling Rig Time		Total Lbs. Coke Used 3,800		Lost Circulation Mat'l Used		No. Sacks Mud Used			
Anode Depth	# 1 320	# 2 310	# 3 300	# 4 290	# 5 280	# 6 270	# 7 260	# 8 250	# 9 220	# 10 185	
Anode Output (Amps)	# 1 4.0	# 2 4.0	# 3 3.2	# 4 3.2	# 5 3.6	# 6 4.0	# 7 3.6	# 8 4.0	# 9 4.0	# 10 4.0	
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 10.5		Amps 14.5		Ohms 0.73		No. 8 C.P. Cable Used 3085'		No. 2 C.P. Cable Used	

Remarks: **Drill With Air. Driller said water at 150'. Logging Anode stopped at 343' VENT perforated 225' set 24' surface casing**

All Construction Completed

Paul F. Hines
(Signature)

GROUND BED LAYOUT SKETCH



9844

MW		gals/mol
16	C ₁	6.4
30	C ₂	10.17
44	C ₃	10.42
58	IC ₄	12.38
"	NC ₄	11.93
72	IC ₅	13.85
"	NC ₅	13.71
86	IC ₆	15.30
"	C ₆	15.57
100	IC ₇	17.2
"	C ₇	17.46
114	C ₈	21.32
28	C ₅	9.64
42	C ₆	9.67

MISC		
MW		gals/mol
44	CO ₂	~ 38
32	H ₂ O	5.17
28	N ₂	4.10
7	H ₂	1.38

Depth	Specific Gravity	Temperature	Pressure	Flow Rate	Notes
150	1.6	30	1.6	225'	PERF.
	1.5		1.6		Driller said water AT 150
60	1.6	40			
	1.5	T.D. 3	43		
70	1.6	50			
	1.6				
80	1.6	60			
	1.6				
90	1.6	70			
	1.4				
200	1.2				
	1.0				
10	1.2				
	1.5				
20	1.7				
	1.6				
30	1.5				
	1.1				
40	0.7				
	1.0				
50	1.7				
	1.8				
60	1.7		1	320	2.0 4.0
	1.5		2	310	2.0 4.0
70	1.7		3	300	1.8 3.2
	1.7		4	290	1.1 3.2
80	1.6		5	280	1.1 3.6
	1.6		6	270	1.9 4.0
90	1.6		7	260	1.8 3.6
	1.6		8	250	2.0 4.0
300	1.6		9	220	2.0 4.0
	1.6		10	185	1.9 4.0
10	1.7				
	1.6				
20	1.7				
	1.6				

10.5 V 30.85 14.5 A 0.13