

4330

30-045-20497

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. 21 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #191

cps 923w

Elevation 6397' Completion Date 7/17/75 Total Depth 320' 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. N/A

Depths gas encountered: N/A

Type & amount of coke breeze used: 3000 lbs.

Depths anodes placed: 290', 265', 255', 245', 235', 225', 165', 155', 145', 135'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qgb #1.

RECEIVED
MAY 31 1991

OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Logs 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

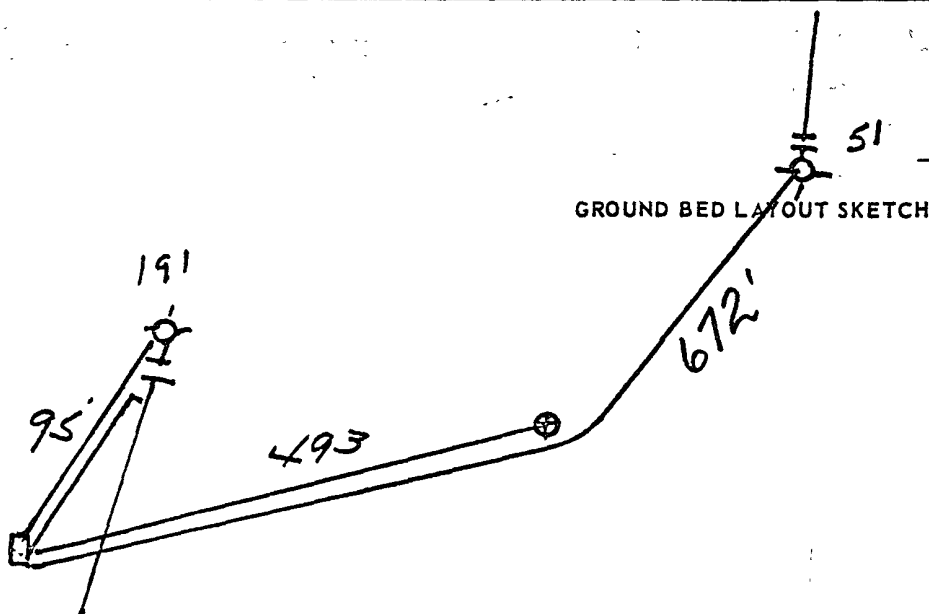
[Signature]
Completion Date **7-17-75**

EPNG RIG

Drilling Log (Attach Hereto) ☐

Well Name HUERFANO #191 & 51		Location NW 21-26-9		CPS No. 923W	
Type & Size Bit Used 6 3/4		Work Order No. 54647 & 53063			
Anode Hole Depth 320	Total Drilling Rig Time	Total Lbs. Coke Used 3000	Lost Circulation Mat'l Used		No. Sacks Mud Used
Anode Depth	# 1 290	# 2 265	# 3 255	# 4 245	# 5 235
Anode Output (Amps)	# 1 3.9	# 2 4.0	# 3 4.2	# 4 5.0	# 5 4.4
Anode Depth	# 6 225	# 7 165	# 8 155	# 9 145	# 10 135
Anode Output (Amps)	# 6 4.0	# 7 4.5	# 8 4.2	# 9 4.2	# 10 3.6
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	No. 8 C.P. Cable Used		No. 2 C.P. Cable Used		
Volts 10.0	Amps 14.5	Ohms 0.69	2415		

Remarks: **Drilled to 80 With Air - loose sand - Moved & Start With Mud - Log Stopped at 306**
Vent Perforated 200'
Slurry 30 Sacks



All Construction Completed

[Signature]
(Signature)

Driller 1205.96
Note 374.40
Wire 224.60
Coke 180.00
Anodes 262.10
Pent 399.50
5/8" 83.00
Sleeve 50.00
3416.06

WELL NO.. 923-W CONTRACTOR

DATE _____

SIGNED: Toolpusher _____ Company Supervisor _____

923W

MW	gas/mol
16	C ₁ 5.4
30	C ₂ 9.56
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	NC ₆ 15.57
142	IC ₇ 17.2
156	C ₇ 17.46
170	C ₈ 19.38
184	C ₉ 19.84
198	C ₁₀ 21.7

30.6
26.0
4.6

MW	MISC	gas/mol
44	CO ₂	9.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

80	2.0	260	2.1	Drill. to 80 w air loose Sand - No inj Pump. Hole Caved - Move & Start Drill w Mud.
	2.0		2.0	
90	1.9	70	.5	
	1.9		.5	
100	1.9	80	.6	
	2.2		1.0	
10	2.2	90	2.0	
	1.9		2.0	
20	1.6	300	2.2	Vent Perf. 200
	1.8	306	T.D.	
30	1.8	10		
	2.0			
40	2.2	20		
	2.2			
50	2.1			
	2.2			
60	2.4			
	2.0			
70	1.8			
	1.7			
80	1.4			
	1.0			
90	.8			
	.6			
200	.6			
	1.4			
10	1.4			
	1.6			
20	1.6			
	2.1			
30	2.3			
	2.2			
40	2.2			
	2.2			
50	2.2			
	2.3			

1	290	2.2	3.9
2	265	2.4	4.0
3	245	2.4	4.2
4	225	2.6	5.0
5	225	2.4	4.4
6	225	2.3	4.0
7	160	2.6	4.5
8	150	2.4	4.2
9	140	2.4	4.2
10	130	2.0	3.6

$$10.5 \times 10.0 \div 14.5 A = .69$$