

#203 → 30-045-20619
#252 → 30-045-21402

5194

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. 1 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #203, #252

cps 944w

Elevation 6638' Completion Date 8/6/75 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. 240'

Depths gas encountered: N/A

Type & amount of coke breeze used: 3600 lbs.

Depths anodes placed: 360', 350', 340', 330', 320', 310', 300', 290', 280', 270'

Depths vent pipes placed: N/A

Vent pipe perforations: 230'

Remarks: qb #1 RETIRED.

** GB # Retired, but there is a GPB*

RECEIVED
MAY 31 1991
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 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 8-6-75

Well Name Huerfano # 203 & 252		Location SE1-26-10		CPS No. 944W	
Type & Size Bit Used 6 3/4		Total Drilling Rig Time 3600		Work Order No. 54742 & 55601	
Anode Hole Depth 400	Total Drilling Rig Time 3600	Total Loss of Circulation 3600	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth	# 1 360	# 2 350	# 3 340	# 4 330	# 5 320
Anode Output (Amps)	# 1 3.3	# 2 3.6	# 3 1.4	# 4 2.2	# 5 3.2
Anode Depth	# 6 310	# 7 300	# 8 290	# 9 280	# 10 270
Anode Output (Amps)	# 6 2.2	# 7 3.1	# 8 4.2	# 9 4.8	# 10 4.3
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
Total Circuit Resistance	Volts 10.7		Amps 14.0		Ohms 0.76
No. 8 C.P. Cable Used 3450		No. 2 C.P. Cable Used			

Remarks: **DRILL TO 260' - WATER AT 240 NEXT A.M. - START WTR. INJ. Vent Perf. 230'**

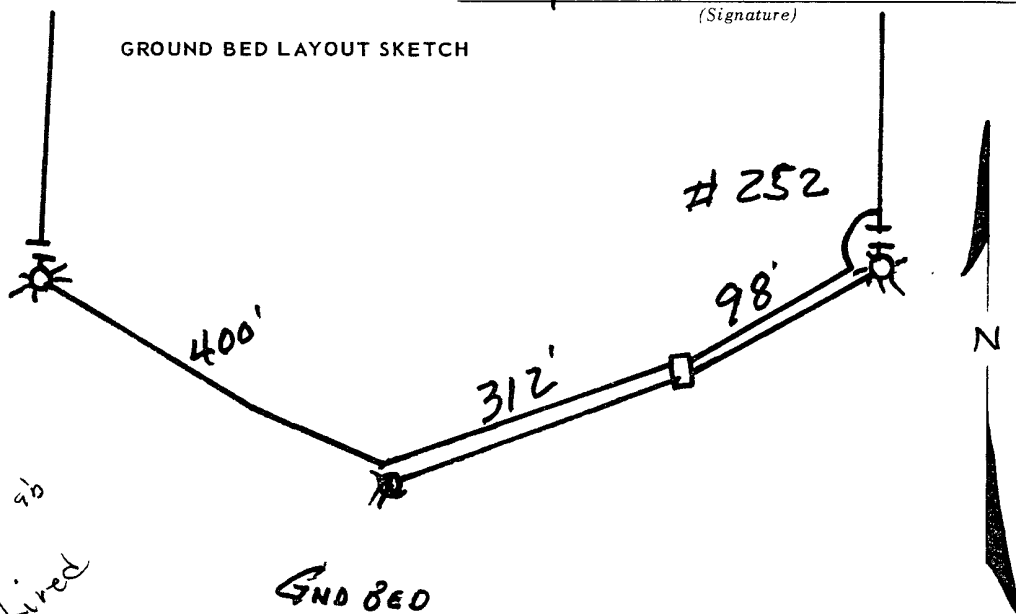
NOTE: - Deep Bridge Between 3 & 4 Anode - No 3 Anode Did Not Respond to Coke Slurry ~~36~~ Coke

Duller 907.60
motes 501.28
wire 320.85
logs 216.00
Anodes 24.00
Total 1600.00
Less 100.00
Net 1500.00
Paid 555.00
Balance 945.00

2702.79 #203

944W
8/6/75
Retired

GROUND BED LAYOUT SKETCH



All Construction Completed

Sanels

(Signature)

~~942w~~ 944wDrill to 260'
Wtr at 240 Next A.M.
Start in 240'

Vent. Perf. 250

Slurry $\frac{35}{36}$ coke

MW		gals/mol
6	C ₁	0.4
30	C ₂	1.2
44	C ₃	1.0
58	IC ₄	1.3
72	NC ₄	1.1
86	IC ₅	1.0
100	NC ₅	1.0
114	IC ₆	1.0
128	NC ₆	1.0
142	IC ₇	1.0
156	NC ₇	1.0
170	IC ₈	1.0
184	NC ₈	1.0
198	IC ₉	1.0
212	NC ₉	1.0
226	IC ₁₀	1.0
240	NC ₁₀	1.0
254	IC ₁₁	1.0
268	NC ₁₁	1.0
282	IC ₁₂	1.0
296	NC ₁₂	1.0

MW		gals/mol
44	CO ₂	0.36
34	H ₂ S	0.37
28	N ₂	0.36
2	H ₂	0.36

240				
50	1.0			
	1.4			
60	1.8			
	2.0			
70	2.0			
	1.9			
80	2.0			
	2.2			
90	2.1			
	1.9			
300	1.6			
	1.2			
10	1.3			
	1.1			
20	1.4			
	1.7			
30	1.6	1	360	2.0 3.30
	1.3	2	350	2.2 3.6
40	1.4	3	340	1.4 1.4
	1.8	4	330	1.6 2.2
50	1.9	5	320	2.0 3.2
	1.9	6	310	1.8 2.2
60	1.7	7	300	1.8 3.1
	1.7	8	290	2.2 4.2
70	1.4	9	280	2.2 4.8
	1.1	10	270	2.2 4.3
80	1.9			
	385 T.O.			
90				
400				

127 V 14 A. = 0.76

$$\frac{127}{14} = 9.07$$