

30-045-20390

4333

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. 27 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #54

cps 928w

Elevation 6413' Completion Date 7/21/75 Total Depth 420' 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

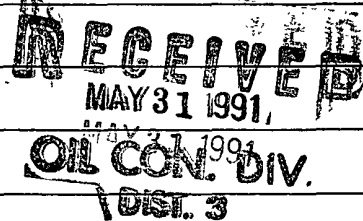
Type & amount of coke breeze used: 5800 lbs.

Depths anodes placed: 376', 365', 310', 300', 290', 280', 270', 260', 250', 240'

Depths vent pipes placed: N/A

Vent pipe perforations: 212'

Remarks: gb #1



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

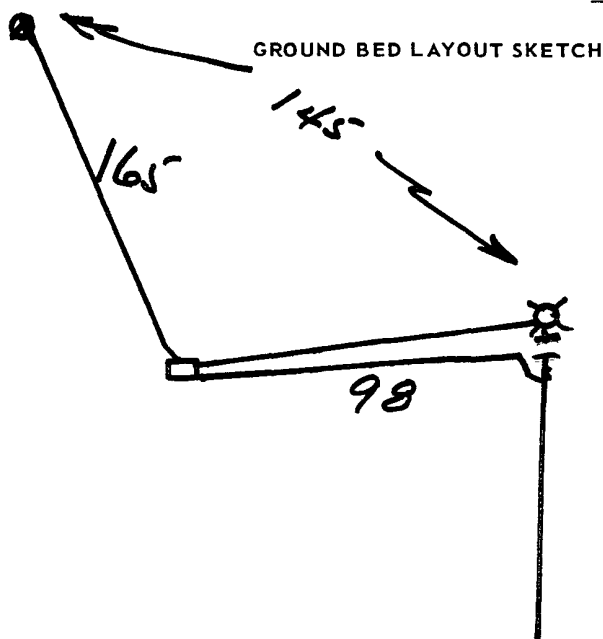
Drilling Log (Attach Hereto). ☐

Completion Date 7-21-75

Well Name Huerfano # 54		Location NW 27-26-9		CPS No. 928W																																																													
Type & Size Bit Used 6 3/4				Work Order No. 54636																																																													
Anode Hole Depth 420	Total Drilling Rig Time	Total Lbs. Coke Used 5800	Lost Circulation Mat'l Used	No. Sacks Mud Used																																																													
<table border="1"> <tr> <td colspan="2">Anode Depth</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 1 375</td> <td># 2 365</td> <td># 3 310</td> <td># 4 300</td> <td># 5 290</td> <td># 6 280</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 1 2.4</td> <td># 2 3.2</td> <td># 3 2.5</td> <td># 4 3.0</td> <td># 5 3.4</td> <td># 6 5.0</td> </tr> <tr> <td colspan="2">Anode Depth</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 11</td> <td># 12</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> </tr> <tr> <td colspan="2">Anode Output (Amps)</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td># 11</td> <td># 12</td> <td># 13</td> <td># 14</td> <td># 15</td> <td># 16</td> </tr> <tr> <td colspan="2">Total Circuit Resistance</td> <td colspan="2"></td> <td colspan="2">No. 8 C.P. Cable Used</td> </tr> <tr> <td>Volts 12.5</td> <td>Amps 17.5</td> <td>Ohms 0.71</td> <td colspan="2">3240'</td> <td>No. 2 C.P. Cable Used</td> </tr> </table>						Anode Depth						# 1 375	# 2 365	# 3 310	# 4 300	# 5 290	# 6 280	Anode Output (Amps)						# 1 2.4	# 2 3.2	# 3 2.5	# 4 3.0	# 5 3.4	# 6 5.0	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 12.5	Amps 17.5	Ohms 0.71	3240'		No. 2 C.P. Cable Used
Anode Depth																																																																	
# 1 375	# 2 365	# 3 310	# 4 300	# 5 290	# 6 280																																																												
Anode Output (Amps)																																																																	
# 1 2.4	# 2 3.2	# 3 2.5	# 4 3.0	# 5 3.4	# 6 5.0																																																												
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 12.5	Amps 17.5	Ohms 0.71	3240'		No. 2 C.P. Cable Used																																																												

Remarks: Water At 240' - Start Injection
Vent Perforated 212'
58 Sacks Coke

29W. Fuel Rig



All Construction Completed

Danels
(Signature)

Drill - 1179.88
 Meter - 512.72
 Wheel - 501.32
 Cable - 308.00
 Anchor - 364.00
 T Box - 23.00
 Rod - 194.50
 Misc - 50.00
2934.02

WELL NO. 928-W CONTRACTOR

DATE _____

SIGNED: Toolpusher

____ Company Supervisor

375
211
163

MW		gals/mol
16	C ₁	6.4
30	C ₂	10.12
44	C ₃	16.42
58	IC ₄	22.38
"	NC ₄	31.93
72	IC ₅	33.85
"	NC ₅	43.71
86	IC ₆	45.50
"	NC ₆	55.57
100	IC ₇	57.2
"	C ₇	67.46
114	C ₈	79.39
128	C ₉	91.64
142	C ₁₀	104.67

MW	MSC	gals/mol
44	CO ₂	6.39
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

928W

Water At 240'

240 28 -
2650 24 -
2760 26 -
2470 24 -
2680 24 -
2590 22 -
20300 18 -
1.810 14 -
820 6
630 8
840 6
650 6
660 8
870 20 -
1880 1.9 -
1290 8
792 T.D.
400

10

Vent Perf 212'

58 Sacks Coke

1	375	1.9	2.4
2	365	2.0	3.2
3	310	1.4	2.5
4	300	1.6	3.0
5	290	2.0	3.4
6	280	2.4	5.0
7	270	2.0	4.8
8	260	2.0	4.4
9	250	2.4	5.6
10	240	2.0	5.0

12.5V 17.5A =