

30-045-11765

5199

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. 12 Twp 25 Rng 10Name of Well/Wells or Pipeline Serviced HUERFANDO UNIT #152

cps 939w

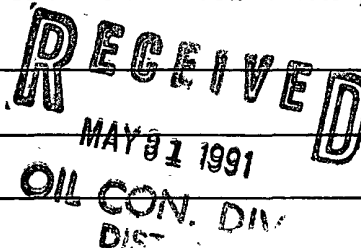
Elevation 6924' Completion Date 7/29/75 Total Depth 340' Land Type* N/ACasing, Sizes, Types & Depths N/AIf Casing is cemented, show amounts & types used N/AIf Cement or Bentonite Plugs have been placed, show depths & amounts used
N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. N/ADepths gas encountered: N/AType & amount of coke breeze used: 3800 lbs.Depths anodes placed: 260', 250', 240', 230', 220', 210', 200', 190', 180', 170'Depths vent pipes placed: N/AVent pipe perforations: 200'Remarks: gb #1 FIRST HOLE CAVED AT 40'.

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 7-29-75

Well Name Huerfano #152		Location NW12-25-10		CPS No. 939W	
Type & Size Bit Used 6 3/4				Work Order No. 54436.19-50-22	
Anode Hole Depth 340	Total Drilling Rig Time	Total Lbs. Coke Used 3800	Lost Circulation Mat'l Used	No. Sacks Mud Used 9	
Anode Depth					
#1 260	#2 250	#3 240	#4 230	#5 220	#6 210
#7 200	#8 190	#9 180	#10 170		
Anode Output (Amps)					
#1 2.6	#2 2.9	#3 2.9	#4 5.0	#5 6.4	#6 5.0
#7 3.4	#8 4.8	#9 3.0	#10 3.6		
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		No. 2 C.P. Cable Used	
Volts 12.0	Amps 18.5	Ohms 0.64	2450		

Remarks: **Drilled to 40' - Sandy - Hole Caved - Moved Rig - Dug Pits & Started with Mud - Sand to 89' - First Shale 89'**

Slurry 38 Sacks

Vent Perforated 200'

1024

Drilled - 707.60

Waste - 453.54

Mud - 227.85

Cement - 107.00

Gravel - 164.80

Water - 73.00

Oil - 104.50

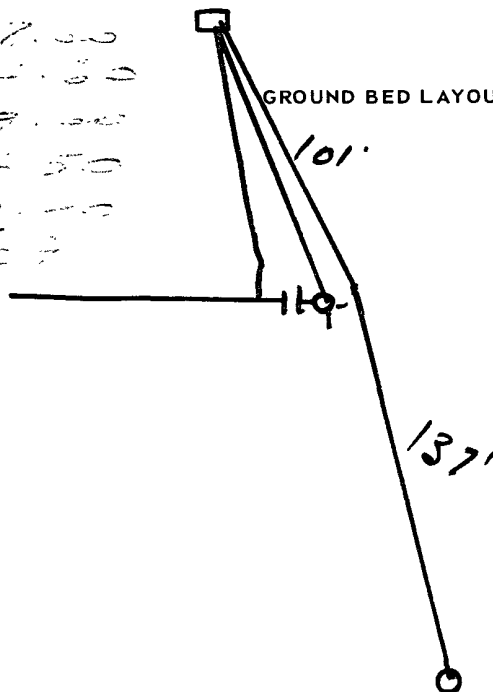
Losses - 20.00

740' = 7

Construction Completed

Barrels
(Signature)

GROUND BED LAYOUT SKETCH



N

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher _____ Company Supervisor _____

MW	gas/mol
16	C ₁ 8.1
30	C ₂ 10.1
44	C ₃ 12.42
58	IC ₄ 12.58
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	NC ₇ 17.46
170	IC ₈ 19.07
184	NC ₈ 19.64
200	IC ₉ 21.67

MW	MISC	gas/mol
44	CO ₂	8.18
44	H ₂ S	8.17
28	N ₂	4.16
2	H ₂	3.38

90	11.8	270	0.6		
	2.4		0.8		
100	2.2	80	0.6		
	2.0		0.8		
10	2.7	90	1.2		
	2.6		1.3		
20	2.8	300	0.8		
	2.8		0.8		
30	2.7	10	1.2		
	2.6		1.3		
40	2.7	20	1.4		
	2.6		1.2	TD	
50	2.4	30			
	2.5				
60	0.8				
	0.4				
70	1.2				
	2.1				
80	1.4				
	1.3				
90	2.0				
	2.2				
200	1.8				
	1.5				
10	1.4				
	1.8				
20	2.4				
	2.5				
30	2.3				
	1.8				
40	1.4				
	1.2				
50	1.2				
	1.6				
60	1.2				
	0.9				

1	2.60	1.4	2.6
2	2.86	1.5	2.9
3	2.40	1.4	2.9
4	2.30	2.8	5.0
5	2.20	2.8	6.4
6	2.10	2.2	5.0
7	2.00	2	3.4
8	1.90	2.4	4.8
9	1.80	1.4	3.0
10	1.70	1.4	3.6

12.0 V 18.5 A = 0.64