

30-045-05697

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 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #121

cps 878w

Elevation 6655' Completion Date 8/12/83 Total Depth 580' 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. 180' & 410' - 420'

Depths gas encountered: N/A

Type & amount of coke breeze used: 6200 lbs.

Depths anodes placed: 520', 510', 465', 445', 435', 425', 380', 370', 360', 350'

Depths vent pipes placed: 545' OF 1" VENT PIPE

Vent pipe perforations: 400'

Remarks: gb #2

RECEIVED

MAY 31 1991

OIL CON

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 8-12-83

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
878-W	Huerfano # 121	184-54014-19		☒ Good ☐ Bad
Location	Anode Size:	Anode Type:	Size Bit:	
NW 27-26-10	2	DURIRON	6 3/4	
Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used
580'	540'			
Anode Depth				
# 1 520	# 2 510	# 3 465	# 4 445	# 5 435
# 6 425	# 7 380	# 8 370	# 9 360	# 10 350
Anode Output (Amps)				
# 1 4.1	# 2 4.3	# 3 3.5	# 4 4.1	# 5 4.25
# 6 4.3	# 7 4.35	# 8 3.8	# 9 4.1	# 10 4.5
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	
Volts 12.1			Amps 17.8	
Ohms 168			No. 2 C.P. Cable Used	

Remarks: DRILLER said hit water at 180'. Blew very little water out of hole next A.M. Did not get water sample, DRILLER said hit more water at 410' to 420' making water. Installed 545' of 1" Vent Pipe. Perforated 400' of Vent Pipe. Slurried 6200 # of Coke Breeze

Rectifier Size: _____ V _____ A
 Addn'l Depth 40'
 Depth Credit: _____
 Extra Cable: 5'
 Ditch & 1 Cable: 235'
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____

All Construction Completed

William L. Smith
(Signature)

GROUND BED LAYOUT SKETCH

REG C.T.
 3/11 = 8 3

O-----O Rect N
 GB#2 235'

Itaer FANO

Roger Smith

W/0
HUEKANO #121
NW 27-26-10
184-54014-19-50-20-63

DRILLER said h.t. water at 180' Blow very little water
out of hole next A.M. Did NOT get water sample. said h.t.
more water at 410' to 420'. Drilled to 580' installed 545'
of 1" vent P.P.E. perforated 400' of vent P.P.E.
Slurried 6200 lbs of core breeze

1	180	2.4	80	2.2	80
2	95	2.4	85	1.8	85
3	90	2.4	90	1.3	90
4	95	2.4	95	.8	95
5	200	2.4	400	.7	600
6	05	2.4	05	.7	
7	10	2.4	10	.8	
8	15	2.4	15	.8	
9	20	2.5	20	1.9	
10	25	2.5	25	2.1	
11	30	2.5	30	2.1	
12	35	2.5	35	2.3	
13	40	2.5	40	2.1	
14	45	2.5	45	1.2	
15	50	2.4	50	1.0	
16	55	2.4	55	1.0	
17	60	2.4	60	1.6	
18	65	2.4	65	1.8	
19	70	2.3	70	1.3	
20	75	2.3	75	1.1	
21	80	2.3	80	1.1	
22	85	2.1	85	1.2	
23	90	1.3	90	1.2	
24	95	1.0	95	1.0	
25	300	1.2	500	.9	① 520 2.7 4.1
26	05	2.2	05	1.3	② 510 2.6 4.3
27	10	2.2	10	2.3	③ 465 2.2 3.5
28	15	2.3	15	2.4	④ 445 2.4 4.1
29	20	2.4	20	2.3	⑤ 435 2.6 4.25
30	25	2.4	25	2.4	⑥ 425 2.1 4.3
31	30	2.4	30	2.4	⑦ 380 3.2 4.35
32	35	2.3	35	2.4	⑧ 370 2.5 3.8
33	40	2.3	40	2.4	⑨ 360 2.5 4.1
34	45	2.2	45	T.D	⑩ 350 2.9 4.5
35	50	2.1	50		
36	55	2.2	55		
37	60	2.2	60		
38	65	2.3	65		
39	70	2.3	70		
40	75	2.3	75		

12.1 ✓ 17.8 A 68 2