

801

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221-30-045-20862

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec 13 Twp 25 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #221

cps 1025w

Elevation 6811' Completion Date 8/6/75 Total Depth 375' Land Type* N/A

Casing, Sizes, Types & Depths 24' OF STEEL CASING,

20' PLASTIC

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' & 250'

Depths gas encountered: N/A

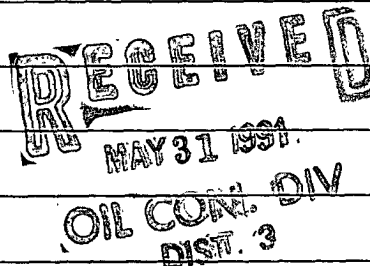
Type & amount of coke breeze used: 3600 lbs.

Depths anodes placed: 305', 295', 285', 275', 265', 255', 245', 215', 205', 195'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Logged

Drilling Log (Attach Hereto): ☐

Completion Date **8-6-75**

Well Name Huerfano 221		Location SW 13 - 25N - 10W		CPS No. 1026W	
Type & Size Bit Used 6 3/4"				Work Order No. 54917.19-50-20	
Anode Hole Depth 375	Total Drilling Rig Time	Total Lbs. Coke Used 3600	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
# 1 305	# 2 295	# 3 285	# 4 275	# 5 265	# 6 255
# 7 245	# 8 215	# 9 205	# 10 195		
Anode Output (Amps)					
# 1 4.0	# 2 4.2	# 3 4.2	# 4 4.2	# 5 4.2	# 6 4.2
# 7 4.6	# 8 1.8	# 9 4.2	# 10 6.0		
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 11.8	Amps 17.5	Ohms 0.68	2840		

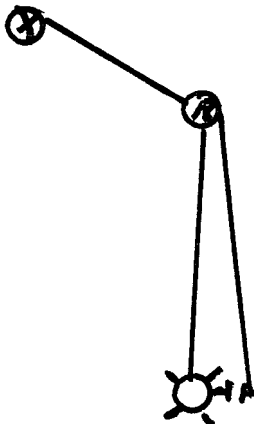
Remarks: **Drill with Air. Driller said water AT 180' More water AT 250'. Driller set 24' steel casing 20' Plastic. Vent Hose Perforated 200'**

Driller 1120.08
Note 256.36
2 Pump 213.40
Water 264.12
Coke 316.00
Anodes 264.00
Vent 33.00
Rent 194.50
T Box 86.00
misc 50.00
2687.06

All Construction Completed

Edward R. Paulik
(Signature)

GROUND BED LAYOUT SKETCH



1077

6811



DATE 8-6-75

Work Order No. 54917-19-50-20

Kuebler Unit # 221

LITHOLOGIC LOG

INSTRUCTIONS:

SERVICE PERFORMED:

TOTAL DEPTH 359 ft

RIG TIME

WATER TRUCK

DRILLERS CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name

Address

Well driller's license number

Signed

Date _____

Date started 3-6-75, 19 75
Date completed 2-1-75, 19 75

Customer's Signature

Bv

1025 W

⑩ 195 2.4

⑨ 200 2.2

⑧ 2.0

10 2.0

⑦ 1.6

20 1.0

1.0

30 1.0

1.0

40 1.0

⑥ 1.4

50 1.2

⑤ 1.0

60 1.2

④ 2.2

70 2.2

③ 1.0

80 2.0

② 2.0

90 2.0

① 1.0

300 2.0

① 1.8

10 1.0

.2

20 .2

.6

70 .6

.6

40 .4

.6

50 .8

1.2

60 Bottom 359'

Driller said water
AT 180' more AT 250'
vent Perforated 200'

1	305	2.2	4.0
2	295	2.4	4.2
3	285	2.4	4.2
4	275	2.4	4.2
5	265	2.4	4.2
6	255	2.2	4.2
7	245	2.2	4.6
8	215	1.6	2.8
9	205	2.2	4.2
10	195	2.4	6.0
1540		11.8	17.5
300			
2840			

MW	gas/mol
16	C ₁ 8.4
30	C ₂ 10.12
44	C ₃ 10.42
58	IC ₄ 12.36
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 ₈ 17.46
170	C ₉ 19.29
184	C ₁₀ 9.64
198	C ₁₁ 9.67

MW	MISC	gas/mol
44	CO ₂	6.38
34	H ₂ S	6.19
28	N ₂	4.16
2	H ₂	3.36