

163-30-045-20035

4309

23-30-045-05743

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. 19 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #163, NP #23

cps 920w

Elevation 6461' Completion Date 7/21/75 Total Depth 300' 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. 100'

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Depths gas encountered: N/A

Type & amount of coke breeze used: 3200 lbs.

Depths anodes placed: 235', 225', 185', 175', 165', 155', 145', 135', 120', 110'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: Cg5 #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

109948

Drilling Log (Attach Hereto) ☐

Completion Date 7-11-75

Well Name <u>HUEYFANO #163</u> <u>HUEYFANO #23</u>		Location <u>SE19-26N-9W</u>		CPS No. <u>920W</u>	
Type & Size Bit Used <u>6 3/4"</u>		Work Order <u>54477.19-50-20</u>		No. Sigsbee Used <u>10175.19-50-20</u>	
Anode Hole Depth <u>300'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>3,200</u>	Lost Circulation Mat'l Used		No. Sigsbee Used
Anode Depth					
#1 <u>235</u>	#2 <u>225</u>	#3 <u>185</u>	#4 <u>175</u>	#5 <u>165</u>	#6 <u>155</u>
#7 <u>145</u>	#8 <u>135</u>	#9 <u>120</u>	#10 <u>110</u>		
Anode Output (Amps)					
#1 <u>3.6</u>	#2 <u>3.6</u>	#3 <u>3.9</u>	#4 <u>3.8</u>	#5 <u>3.8</u>	#6 <u>4.0</u>
#7 <u>4.0</u>	#8 <u>3.8</u>	#9 <u>3.6</u>	#10 <u>4.4</u>		
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 <u>11.8</u>	Amps <u>11.0</u>	Ohms <u>1.07</u>	<u>1970</u>		

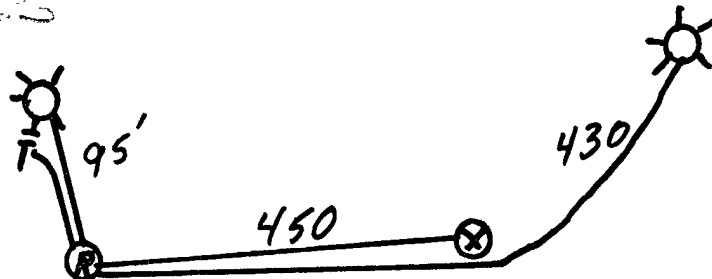
Remarks: Driller said ~~WET~~ AT 75' WET AT 100'
VENT HOSE PERFORATED 200' LOGGING ANODE
STOPPED AT 280'

Driller - 811.20
Note - 472.16
Loop - 213.40
Coke - 192.00
Wire - 183.21
Driller - 264.50
Tank - 79.00
Rest - 333.50
Water - 50.00
3603.07

All Construction Completed

Eduard R. Paulch
(Signature)

GROUND BED LAYOUT SKETCH



920 W

Driller said Damp at 75
wet at 100

MW		gals/mol
16	C ₁	0.4
30	C ₂	10.12
44	C ₃	10.42
58	IC ₄	12.38
"	NC ₄	11.93
72	IC ₅	13.85
"	NC ₅	13.71
86	IC ₆	15.50
"	C ₆	15.57
100	IC ₇	17.2
"	C ₇	17.46
114	C ₈	19.39
28	C ₉	9.64
42	C ₉	9.67

MW	MISC ⁻	gals/mol
44	CO ₂	6.38
34	H ₂ S	5.17
28	N ₂	4.16
2	H ₂	3.38

Driller Said Damp at 75 wet at 100	
100	2.2
	3.0
10	3.0
	2.6
20	2.6
	2.2
30	2.6
	2.8
40	2.8
	2.8
50	3.0
	3.0
60	3.0
	2.8
70	2.8
	2.9
80	3.0
	2.6
90	2.4
	1.9
200	1.0
	8
10	6
	6
20	1.2
	2.6
30	2.6
	2.6
40	2.8
	2.2
50	2.2
	2.2
60	2.0
	1.2
70	1.6
275	
260	T0

44

1	2.35	2.6	3.6
2	2.25	2.6	3.6
3	1.85	2.6	3.9
4	1.75	2.5	3.8
5	1.65	2.4	3.8
6	1.55	2.6	4.0
7	1.45	2.4	4.0
8	1.35	2.5	3.8
9	1.20	2.2	3.6
10	1.10	2.6	4.4

1670

300

1970

11.8

11.0

1.07

