

30-045-20326

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit NE Sec. 18 Twp 25 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #153

cps 903w

Elevation 6836' Completion Date 6/18/75 Total Depth 375' 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. WET AT 150'

Depths gas encountered: N/A

Type & amount of coke breeze used: 7100 lbs.

Depths anodes placed: 290', 280', 270', 260', 250', 240', 230', 190', 180', 170'

Depths vent pipes placed: N/A

Vent pipe perforations: 200'

Remarks: qb #1

RECEIVED
MAY 31 1991
OIL CON. DIV
DIST.

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

Handwritten signature

Drilling Log (Attach Hereto). ☐

Completion Date **6-18-75**

Well Name HUEYFANO #153				Location NE 18-25N-9W				CPS No. 903W			
Type & Size Bit Used 6 3/4"								Work Order No. 184-54586-19-50-2.			
Anode Hole Depth 375'		Total Drilling Rig Time		Total Lbs. Coke Used 7100		Lost Circulation Mat'l Used 6 SACKS Fiber		No. Sacks Mud Used 25			
Anode Depth	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	
	290	280	270	260	250	240	230	190	190	170	
Anode Output (Amps)	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	
	1.8	3.6	3.5	3.6	3.2	3.0	3.6	3.2	3.2	3.5	
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 Volts 11.8				Amps 13.5		Ohms 0.87		No. 8 C.P. Cable Used 2510'		No. 2 C.P. Cable Used	

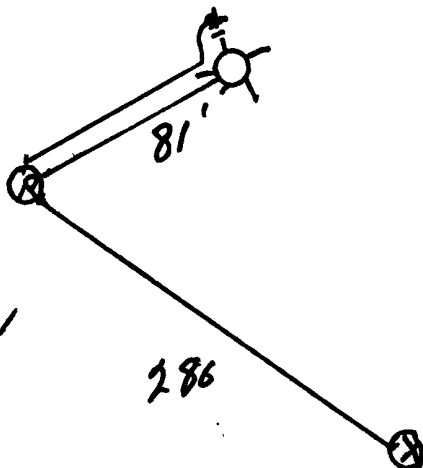
Remarks: **DRILL WITH AIR DRILLER SAID WET @ 150'**
WATER INCREASE @ 230' LOADED HOLE WITH
WATER. WATER STANDING @ 60' NEXT MORNING
LOGGING ANODE STOPPED @ 200' DRILLER WENT TO
MUD LOST CIRCULATION. REGAIN CIRCULATION
LOGGING ANODE WENT TO 330'. WHILE COOKING HOLE
COKE BRIDGED. LET STAND OVER NIGHT BRIDGE APPROX
BROKE ALL ANODES RESPONDED BUT #1, VENT NOSE PERFORATED 200'

All Construction Completed

Handwritten signature: Edward R. Paulk
(Signature)

GROUND BED LAYOUT SKETCH

Coke - 447.00
 Anodes - 264.60
 Wire - 233.43
 T Box - 83.00
 Misc - 50.00
 Driller - 1669.20
 Mo-Tax - 1124.50
 Pump - 373.42
 Rent - 125.00
4490.18



DAILY DRILLING REPORT

[illegible]

903W

MW	gas/mol
16	C ₁ 6.4
30	C ₂ 9.56
44	C ₃ 10.42
58	IC ₄ 12.38
72	NC ₄ 11.93
86	IC ₅ 13.85
100	NC ₅ 13.71
114	IC ₆ 15.50
128	C ₆ 15.57
142	IC ₇ 17.2
156	C ₇ 17.46
170	IC ₈ 19.38
184	C ₈ 19.44
198	IC ₉ 21.4
212	C ₉ 21.46

200	1.0	1.2	150	2.0	Driller said wet @ 150'
	.6	.8		1.8	Water standing @ 60'
10	.4	.6	60	2.0	Increase in water
	.4	.7		2.2	@ 230'
20	.6	⑩	70	2.0	Drill with Air to 325
	1.0			2.0	Logging Anode stop @
⑦ 30	1.6	⑨	80	1.0	200' went back in
	2.0			2.0	Cleaned out Anode
⑥ 40	2.0	⑧	90	1.8	Went to 215
	2.0			1.6	Switch to mud lost
⑤ 50	1.8				circulation
	2.0				
④ 60	2.0				
	2.2				
③ 70	2.0				
	2.0				
② 80	2.4				
	2.0				
① 90	1.8				
	1.0				
300	.6				
	.4				
10	.6				
	.6				
20	1.8				
	2.1				
30	BOTTOM				
40					
50					
60					
70					

MW	MISC	gas/mol
44	CO ₂	6.38
58	H ₂ O	5.17
72	N ₂	4.16
86	CH ₄	3.38

	Water	CO ₂	Rest
1.290	1.8	1.8	1.8
2.280	2.4	2.4	3.6
3.270	3.0	2.0	3.5
4.260	2.0	2.0	3.6
5.250	1.8	1.8	3.2
6.240	1.8	1.8	3.0
7.230	1.8	1.8	3.6
8.190	2.0	2.0	3.2
9.180	2.0	2.0	3.2
10.170	2.0	3.2	3.5
2310			
200			
11.8V	11.0A	107	
11.8V	13.5A	97-2	