

30-045-20282

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

Operator MERIDIAN OIL Location: Unit C Sec. 22 Twp 26 Rng 10

Name of Well/Wells or Pipeline Serviced HUERFANO UNIT #178

cps 980w

Elevation 6627' Completion Date 9/15/87 Total Depth 360' 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. 140'

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 320', 305', 295', 285', 275', 265', 255', 245', 235', 225'

Depths vent pipes placed: N/A

Vent pipe perforations: UP TO 130'

Remarks: cg#2

RECEIVED
MAY 31 1991
OIL

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.

redrill

WELL CASING CATHODIC PROTECTION CONSTRUCTION REPORT DAILY LOG

Drilling Log (Attach Hereto) ☐Completion Date 9-15-87

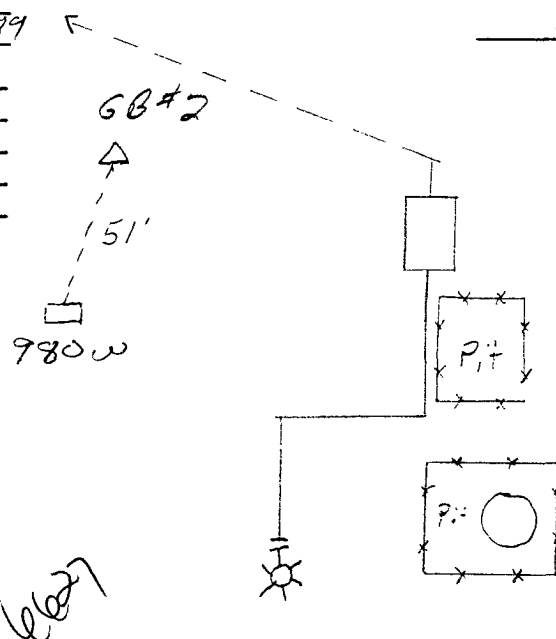
CPS #		Well Name, Line or Plant:		Work Order #		Static:		Ins. Union Check:	
980W		Huerfano 178				-70W		☒ Good ☐ Bad	
Location		Anode Size		Anode Type		Size Bit			
NO 22-2670		2" x 60"		Duriron		6 3/4			
Depth Drilled		Depth Logged		Drilling Rig Time		Total Lbs. Coke Used		Lost Circulation Mat'l Used	
360		353		5 hrs				Elev. 6600	
Anode Depth									
# 1	320	# 2	305	# 3	295	# 4	285	# 5	275
# 6	265	# 7	255	# 8	245	# 9	235	# 10	225
Anode Output (Amps)									
# 1	5.0	# 2	4.9	# 3	5.8	# 4	5.6	# 5	4.8
# 6	5.8	# 7	6.0	# 8	6.1	# 9	6.8	# 10	6.2
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 11.4		Amps 20.8		Chms .55		No. 8 C.P. Cable Used		No. 2 C.P. Cable Used	

Remarks: Driller said water was at 140'. Vent pipe is perforated up to 130'. No water sample was taken.

Rectifier Size: _____ V _____ A 4300
 Addn'l Depth: _____ 588
 Depth Credit: 147 3712
 Extra Cable: _____
 Ditch & 1 Cable: 51' ✓ 19.89

Ditch & 2 Cable: _____
 25' Meter Pole: _____
 20' Meter Pole: _____
 10' Stub Pole: _____
 Junction Box: 4000

3771.89
188.60 Δ
3960.49 66#1



All Construction Completed

Randy Smith
 (Signature)

N

**P.O. BOX 1359 - PHONE 334-6141
AZTEC, NEW MEXICO 87410**

160	WATER AT:	FEET:	HOLE MADE:
			6 3/4 360 ft

DESCRIPTION OF FORMATION

[illegible]

REMARKS: Water sample at 160 ft.

Grant Burn

Driller

Tool Dresser

Date 9-15-87

Company

Well No

Location:

- Volts Applied

Ampere

5						230	2.6	✓				455	320	2.9	680	5.0						
10						235	2.7		✓	9		460	305	3.0	685	4.9						
15						240	2.7	✓				465	329	3.0	690	5.8						
20						245	2.5		✓	8		470	285	2.7	695	5.6						
25						250	2.6	-				475	275	3.0	700	4.8						
30						255	2.7		✓	7		480	265	2.9	705	5.8						
35						260	2.6	✓				485	255	3.2	710	6.0						
40						265	2.5		✓	6		490	245	3.0	715	6.1						
45						270	2.5	-				495	235	2.9	720	6.8						
50						275	2.5		✓	5		500	225	3.2	725	6.2						
55						280	2.3	-				505			730							
60						285	2.5		✓	4		510			735							
65						290	2.6	-				515			740							
70						295	2.5		✓	3		520			745							
75						300	2.5	✓				525			750							
80						305	2.5		✓	2		530			755							
85						310	2.2	-				535			760							
90						315	2.2					540			765							
95						320	2.4	-	✓	1		545			770							
100						325	2.0					550			775							
105						330	1.2					555			780							
110						335	1.2					560			785							
115						340	1.6					565			790							
120						345	2.3					570			795							
125						350	TD	353				575			800							
130						355						580			805							
135						360						585			810							
140	1.0					365						590			815							
145	1.1					370						595			820							
150	1.4					375						600			825							
155	1.3					380						605			830							
160	1.6					385						610			835							
165	2.5					390						615			840							
170	2.7					395						620			845							
175	2.6					400						625			850							
180	2.5					405						630			855							
185	2.5					410						635			860							
190	1.8					415						640			865							
195	1.0					420						645			870							
200	1.2					425						650			875							
205	2.3					430						655			880							
210	2.5					435						660			885							
215	2.9					440						665			890							
220	2.6					445						670			895							
225	2.6					450						675			900							