

977

30-045-20036

F

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. 17 Twp 26 Rng 9

Name of Well/Wells or Pipeline Serviced HUERFANO #160

cps 1186w

Elevation 6424' Completion Date 5/26/77 Total Depth 460' 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 180' - 210' WATER 305'-335'

Depths gas encountered: N/A

Type & amount of coke breeze used: 40 SACKS

Depths anodes placed: 400', 295', 285', 265', 255', 245', 235', 225', 215', 180'

Depths vent pipes placed: 415'

Vent pipe perforations: 200'

Remarks: gb #1

RECEIVED

MAY 31 1991

OIL CON. DIV.]
DIST. 3

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

H.P. 210

Drilling Log (Attach Hereto). ☐

Completion Date 5-26-77

Well Name HUERFANO #160		Location SE17-26-9		CPS No. 1186W	
Type & Size Bit Used 6 3/4				Work Order No. 54474	
Anode Hole Depth 460X 441	Total Drilling Rig Time		Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
Anode Depth	# 1 400	# 2 295	# 3 285	# 4 265	# 5 255
	# 6 245	# 7 235	# 8 225	# 9 215	# 10 180
Anode Output (Amps)	# 1 3.3	# 2 4.5	# 3 4.6	# 4 4.4	# 5 4.8
	# 6 5.2	# 7 5.2	# 8 5.0	# 9 5.3	# 10 3.9
Anode Depth	# 11	# 12	# 13	# 14	# 15
Anode Output (Amps)	# 11	# 12	# 13	# 14	# 15
	# 16	# 17	# 18	# 19	# 20
Total Circuit Resistance	Volts 10.5		Amps 22.0	Ohms 0.47	No. 8 C.P. Cable Used
					No. 2 C.P. Cable Used

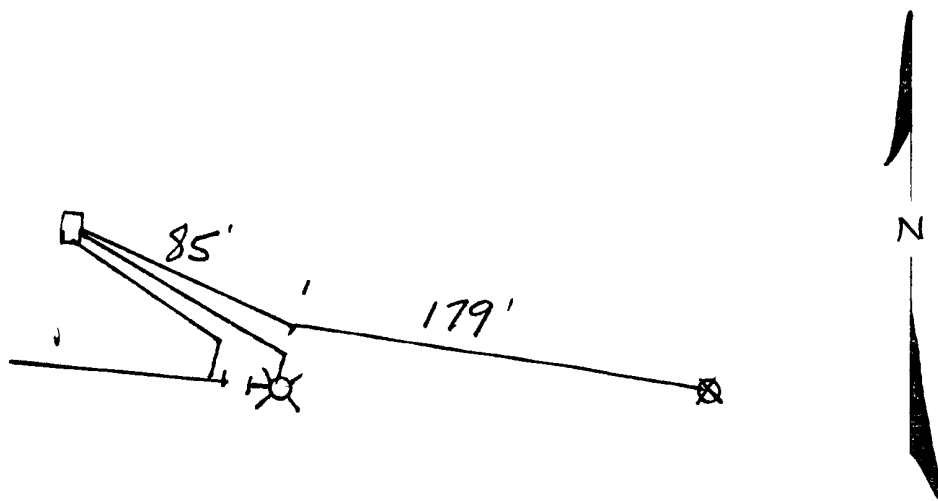
Remarks: DRILL TO 460' WATER NEXT AM. at 155' - PLACE ANODES & START COKE - COKE BRIDGED DEEP - BROUGHT RIG BACK NEXT DAY & PUMP OUT BRIDGE - NO. 1 ANODE DID NOT RESPOND TO COKE. INSTALL ANOTHER ANODE & CUT HEAD ON NO. 1 ANODE BELOW GND. REMARKED ALL ANODE LEADS. VENT TO 415, PERFORATED 200' - SLURRY 40 COKE

All Construction Completed

Sorels

(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

WHITE - Division Corrosion Office
YELLOW - Area Corrosion Office
PINK - Originator File

6424

Date: 10/10/2019

By: _____

Huerfano #160 - SE17-26-9
1186w - 54474

325
0505

M.W.	η_{inh} , ml/gal/mol
100	6.4
102	10.12
144	10.42
158	12.38
172	12.93
172	13.85
186	15.71
186	15.90
198	15.37
200	17.2
200	17.46
210	19.99
210	9.64
210	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	

155	1.8	340	1.4	Net 180 TO 210
60	2.0		.6	Drill 460-
	2.2	50	5	Water Next A Mat 15
70	2.2		5	
	2.2	60	1.0	CONDEM 2 Anodes (Bad heads)
80	2.2		1.2	
	2.0	70	.9	Vent Perf 200
90	1.8		.6	Vent to 415
200	1.6	80	.6	
	1.2		.6	40 Sk Coke
10	1.2	90	.6	
	2.0		1.6	
20	2.4	400	2.0	
	2.4		2.0	
30	2.4	10	2.0	
	2.2		2.0	
40	2.2	20	2.0	
	2.2		2.1	
50	2.2	30	2.2	
	2.2		441 TD	
60	2.1	40		
	1.9			
70	1.6			
	1.5			
80	1.5			
	2.0			
90	1.9			
	1.9			
300	1.5			
	.7			
10	.7			
	.7			
20	.7			
	1.0			
30	1.6			
	1.9			

DAILY DRILLING REPORT

[illegible]