

30-045-23078

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. 8 Twp 31 Rng 10

Name of Well/Wells or Pipeline Serviced MARCOTTE #1A

cps 1384w

Elevation 5965' Completion Date 7/30/79 Total Depth 380' Land Type* N/A

Casing, Sizes, Types & Depths 51.5' OF CASING

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. 145' SAMPLE WOULD NOT SETTLE

Depths gas encountered: N/A

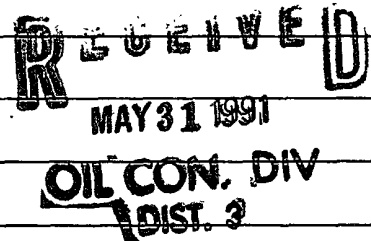
Type & amount of coke breeze used: N/A

Depths anodes placed: 335', 325', 315', 305', 295', 255', 245', 230', 215', 200'

Depths vent pipes placed: 320'

Vent pipe perforations: 240'

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.

WELL CASING
CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto). ☐

CONTRACT #2 (2"x60" DUTION)

Completion Date 7/30/79

Well Name MARCOITE #1-A		Location SE 8-31-10		CPS No. 1384 W	
Type & Size Bit Used 6 3/4"				Work Order No. 52399-21	
Anode Hole Depth 380' 7.2 370'	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 335'	#2 325'	#3 315'	#4 305'	#5 295'	#6 285'
#7 245'	#8 230'	#9 215'	#10 200'		
Anode Output (Amps)					
#1 4.2	#2 4.3	#3 4.7	#4 4.4	#5 4.5	#6 4.6
#7 4.9	#8 5.2	#9 4.9	#10 4.7		
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 11.4 V	Amps 18.6 A	Ohms .61 Ω			

Remarks: **STATIC 600' E. = .79V** **DRILLER SAID WATER AT 145'. APPROX 1-2 GAL./MIN. WATER SAMPLE WOULD NOT SETTLE OUT. DRILLED TO 200'. WATER STANDING IN HOLE NEXT A.M. AT 150'. DRILLED TO 380'. LOGGED 370'. INSTALLED 370' OF 1" P.V.C. VENT PIPE, PERFORATED 240'. CABLE TOOL RIG DRILLED 65' THREE BOULDERS SET 51.5' OF CASING.**

All Construction Completed

JE Stoltz
(Signature)

Ditch + 1 cable = 276'

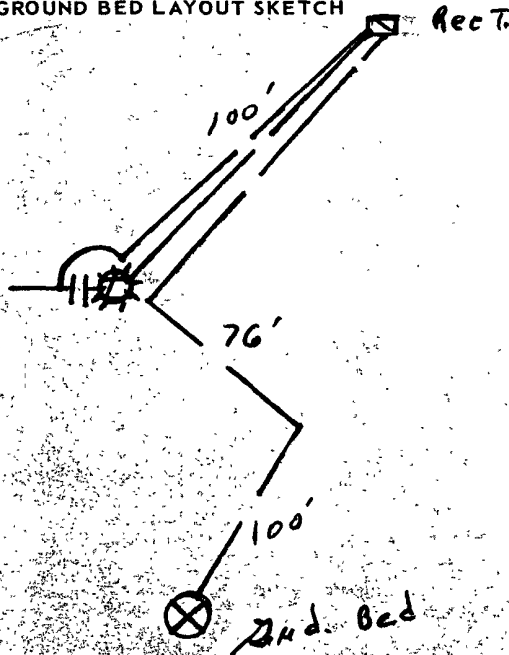
EXTRA cable = 220'

Hole Depth - 130'

Stub Pole + 40V 16A Rect.

Cable Tool Rig 65' Drilling
Three Boulders.

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

C.P.# 1384

SIGNED: Toolpusher _____
Company Supervisor _____

El Paso Natural Gas Company
ENGINEERING CALCULATIONSheet: _____ of _____
Date: _____
By: _____
File: _____

MARCO TTE 1A

CPS 1384 W

SE 8-31-10

57399-21

MW		gals/mol
16.04	C ₁	6.4
30.07	C ₂	10.12
44.10	C ₃	10.42
58.12	iC ₄	12.38
58.12	nC ₄	11.93
72.15	iC ₅	13.85
72.15	nC ₅	13.71
86.18	iC ₆	15.50
86.18	C ₆	15.57
100.21	iC ₇	17.2
100.21	C ₇	17.46
114.23	C ₈	19.39
28.05	C ₂	9.64
42.08	C ₃	9.67

MW	MISC	gals/mol
32.00	O ₂	3.37
28.01	CO	4.19
44.01	CO ₂	6.38
64.06	SO ₂	5.50
34.08	H ₂ S	5.17
28.01	N ₂	4.16
2.02	H ₂	3.38

150-2.0 370- T.D

2.1

60-2.4 380-

2.4

70-2.4

2.5

80-2.3

2.3

90-2.2

2.3

200-2.5 - (1)

2.5

10-2.4

2.6 - (1)

20-2.5

2.7

30-2.8 - (1)

2.6

40-2.7

2.7 - (1)

50-2.6

2.5 - (1)

60-2.4

2.3

70-2.0

1.9

80-1.8

1.7

90-2.0

2.7 - (1)

200-2.4

2.5 - (1)

10-2.4

2.6 - (1)

20-2.7

2.6 - (1)

30-2.3

2.5 - (1)

40-2.5

2.8

50-2.7

2.0

60-2.0

2.0

Driller said WATER AT 145'
Approx 1-2 gal/min. Drilled
To 200' WATER in hole next
AM. AT 150' Drilled To 380'
Logged 370'. INSTALLED 370'
of 1" P.V.C. vent Pipe.
Perforated 240' CABLE
Tool Rig Drilled 65' Thru
Boulders SET 51.5' of case

$$11.4 \times 18.6 \times A = .61 \times 2$$

7/30/79

8 Hr.

1-335-3.1-4.2
2-325-3.2-4.3
3-315-3.4-4.7
4-305-3.1-4.4
5-295-3.3-4.5
6-255-3.1-4.6
7-245-3.6-4.9
8-230-3.7-5.2
9-215-3.3-4.9
10-200-3.0-4.7