

1007

37-30-039-07175

E

135-30-039-20577

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

(Submit 3 copies to OCD Aztec Office)

Operator MERIDIAN OIL Location: Unit SW Sec. 6 Twp 27 Rng 6Name of Well/Wells or Pipeline Serviced SAN JUAN 28-6 UNIT #37, #135

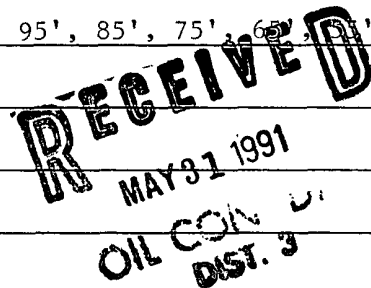
cps 1286w

Elevation 6155 Completion Date 9/12/78 Total Depth 260' Land Type* N/ACasing, Sizes, Types & Depths 20' OF 8" PVC SURFACE CASINGIf 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. 50'Depths gas encountered: N/AType & amount of coke breeze used: 40 SACKSDepths anodes placed: 220', 145', 135', 125', 95', 85', 75', 65', 55', 45'Depths vent pipes placed: 240'Vent pipe perforations: 200'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.

CATHODIC PROTECTION CONSTRUCTION REPORT
DAILY LOG

Drilling Log (Attach Hereto) ☐

Completion Date 9/12/78

Well Name <u>S.J. 28-6 #37</u> <u>S.J. 28-6 #135</u>		Location <u>S W 6-27-6</u>		CPS No. <u>1286 W</u>	
Type & Size Bit Used <u>6 3/4</u>				Work Order No. <u>52738-19</u> <u>20663-19</u>	
Anode Hole Depth <u>260 - T.D. 255'</u>	Total Drilling Rig Time	Total Lbs. Coke Used <u>40 SACKS</u>	Lost Circulation Mat'l Used	No. Sacks Mud Used	
Anode Depth					
#1 <u>220'</u>	#2 <u>145'</u>	#3 <u>135'</u>	#4 <u>125'</u>	#5 <u>95'</u>	#6 <u>85'</u>
#7 <u>75'</u>	#8 <u>65'</u>	#9 <u>55'</u>	#10 <u>45'</u>		
Anode Output (Amps)					
#1 <u>1.9</u>	#2 <u>2.5</u>	#3 <u>3.4</u>	#4 <u>3.5</u>	#5 <u>1.9</u>	#6 <u>1.9</u>
#7 <u>2.8</u>	#8 <u>3.4</u>	#9 <u>2.8</u>	#10 <u>3.1</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>11.5 V</u>	Amps <u>11.6 A</u>	Ohms <u>.99</u>			

Remarks: (Bond Box ON #135) Drilled 60' WATER AT 50' APPROX 75 LOG
(STATIC 600' W. = 92 V.)
(STATIC 600' N. 2,91 V ON #37) TOOK WATER SAMPLE. WATER STANDING
IN HOLE NEXT A.M. AT 30' DRILLED TO 260' LOGGED 255' INSTALLED 240'
OF 1" P.V.C. V-CUT PIPE. PERFORATED 200'. SET 20' OF 8" P.V.C. SURFACE
CASING. 1 1/2" X 60" Duxiron

DITCH & 1 CABLE = 810'

EXTRA CABLE = 240'

60V 30A RECT. + 20' METER LOOP POLE

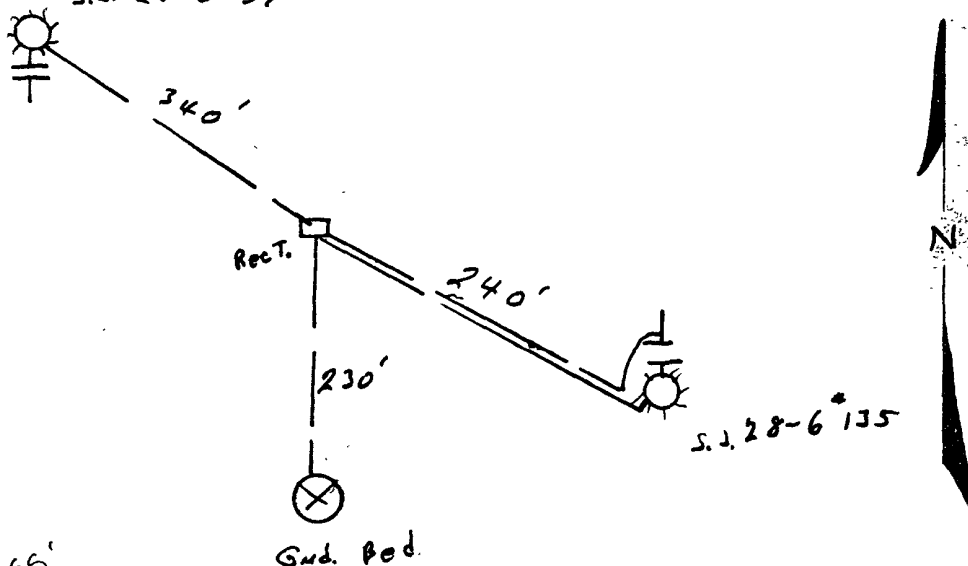
Hole Depth - 245'

All Construction Completed

JC Stalla
(Signature)

GROUND BED LAYOUT SKETCH

S.J. 28-6 #37



DISTRIBUTION:

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

255'

DAILY DRILLING REPORT

[illegible]

SIGNED: Toolpusher

____ Company Supervisor

El Paso Natural Gas Company
ENGINEERING CALCULATION

Sheet: _____ of _____

Date: _____

By: _____

File: _____

CPS = 1286 W

S.V. 28-6 * 37

52718-19

S.V. 28-6 "135

SW 6-27-6

20663-19

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

40 - 7
1.4 - ⑩

50 - 1.5

1.4 - ⑨

60 - 1.6

1.8 - ⑧

70 - 1.8

1.7 - ⑦

80 - 1.3

1.2 - ⑥

90 - 1.0

9 - ⑤

100 - 9

1.7

10 - 1.7

1.8

20 - 1.0

1.6 - ④

30 - 1.6

1.6 - ③

40 - 1.2

1.3 - ②

50 - 7

1.7

60 - .6

.6

70 - .6

.6

80 - .6

.6

90 - .5

.6

100 - .6

.6

200 - .8

.8

10 - .9

.7

20 - 1.1 - ①

1.0

30 - .6

.5

40 - .5

.6

50 - .6

.6 T.D

60 - Drilled

Drilled 60' Driller Water
AT 50' Approx 75-80 GAL/MIN

Took Water Sample, Water Standing

in Hole Next A.M. AT 30'

Drilled To 260' Logged 255'

Installed 240' of 1" P.V.C.

Vent Pipe, Perforated 200'

Set 20' of 8" P.V.C. Surface

Casing.

9/12/78

1-220- 1.1-1.9

2-145- 1.5-2.5

3-135- 2.2-3.4

4-125- 2.2-3.5

5-95- 1.2-1.9

6-85- 1.3-1.9

7-75- 2.0-2.8

8-65- 2.2-3.4

9-55- 1.7-2.8

10-45- 1.7-3.1

11.5 V 11.6 A = .99

L PASO NATURAL GAS COMPANY
 SAN JUAN DIVISION
 FARMINGTON, NEW MEXICO
 PRODUCTION DEPARTMENT WATER ANALYSIS

Analysis No. 1-9355

Date 11-8-78

Operator _____

Well Name

San Juan 28-6 #135

Location

SW 6-27-6

County

Rio Arriba

State

NM

Field

Formation

Sampled From

C.P.S. 1286 W

WTR @ 50' 75-80 GPM

Date Sampled

By

Tbg. Press.

Csg. Press.

Surface Csg. Press

ppm

epm

ppm

epm

Sodium

1212

53

Chloride

24

.7

Calcium

395

20

Bicarbonate

366

6

Magnesium

151

12

Sulfate

3750

78

Iron

PRESENT

Carbonate

0

0

H₂S

ABSENT

Hydroxide

0

0

cc: D.C.Adams

R.A.Ullrich

E.R.Paulek

J.W.McCarthy

A.M.Smith

W.B.Shropshire

File

Total Solids Dissolved 5398

pH 7.9

Sp. Gr. 1.0058

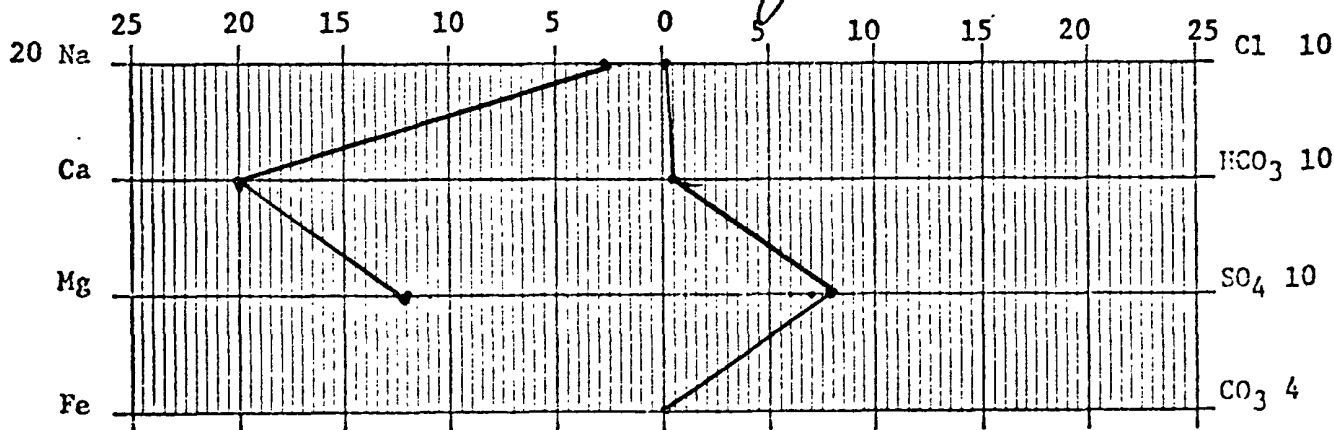
at

60°F

Resistivity 185 ohm-cm at 71°F

Joe Barnett
 Chemist

RZE



Scale: ppm