

1047

E

99E-30-039-22639

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

Operator MERIDIAN OIL Location: Unit NW Sec. 11 Twp 27 Rng 5

Name of Well/Wells or Pipeline Serviced SAN JUAN 27-5 UNIT #99E

cps 1717w

Elevation 6706' Completion Date 9/13/83 Total Depth 340' 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. 130' SAMPLE TAKEN

Depths gas encountered: N/A

Type & amount of coke breeze used: 3200 lbs.

Depths anodes placed: 300', 290', 280', 270', 260', 250', 240', 215', 205', 190'

Depths vent pipes placed: 320'

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.

WELL CASING  
CATHODIC PROTECTION CONSTRUCTION REPORT  
DAILY LOGDrilling Log (Attach Hereto) ☐Completion Date 9/13/83

|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                      |                             |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------------------|-----------------------------------------------------------------------|
| CPS #                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Well Name, Line or Plant | Work Order #         | Static                      | Ins. Union Check                                                      |
| 1717W                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SJ 27-5 "99E             | 59124-21-50-20-64    | 600' SE = 1.07V             | <input checked="" type="checkbox"/> Good <input type="checkbox"/> Bad |
| Location: NW 11-27-5                                                                                                                                                                                                                                                                                                                                                                                                                                          | Anode Size: 2" X 60"     | Anode Type: DURATION | Size Bit: 6 3/4"            |                                                                       |
| Depth Drilled: 240'                                                                                                                                                                                                                                                                                                                                                                                                                                           | Depth Logged: 321'       | Drilling Rig Time:   | Total Lbs. Coke Used: 3200' | Lost Circulation Mat'l Used:                                          |
| Anode Depth:<br>#1 300' #2 290' #3 280' #4 270' #5 260' #6 250' #7 240' #8 215' #9 205' #10 190'<br>Anode Output (Amps):<br>#1 3.53 #2 3.76 #3 3.96 #4 4.42 #5 4.07 #6 4.35 #7 4.01 #8 3.41 #9 3.3 #10 3.66<br>Anode Depth:<br>#11 #12 #13 #14 #15 #16 #17 #18 #19 #20<br>Anode Output (Amps):<br>#11 #12 #13 #14 #15 #16 #17 #18 #19 #20<br>Total Circuit Resistance:<br>Volts 12.08 Amps 16.92 Ohms .71<br>No. 8 C.P. Cable Used:<br>No. 2 C.P. Cable Used: |                          |                      |                             |                                                                       |

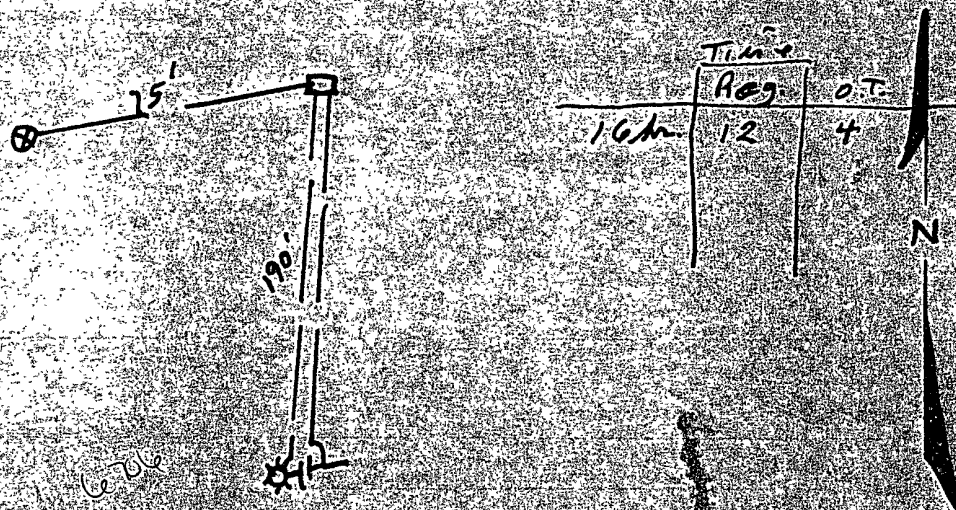
Remarks: Driller said WATER AT 130'. Approx 29AL/min. Drilled 160'. WATER  
STANDING IN HOLE NEXT AM AT 130'. TOOK WATER SAMPLE. Drilled To 340'.  
Logged 321' INSTALLED 321' of 1" PUC VENT PIPE, Perforated 200'

Rectifier Size: 40V 16A  
 Addnl Depth: —  
 Depth Credit: 129' ✓  
 Extra Cable: 220'  
 Ditch & 1 Cable: 265' ✓  
 25' Meter Pole: 1 ✓  
 20' Meter Pole: —  
 10' Stub Pole: —

All Construction Completed

(Signature)

GROUND BED LAYOUT SKETCH



C.P.S. 1717 W

NW 11-27-5

S.J. 27-5 99 E

N.O. 59124-21-50-20-64

MW gals/mol

16.04 C1 6.4

30.07 C2 10.12

44.10 C3 10.42

58.12 C4 12.38

58.12 nC4 11.93

72.15 C5 13.85

72.15 nC5 13.71

86.18 C6 15.50

86.18 C6 15.57

100.21 C7 17.2

100.21 C7 17.46

114.23 C8 19.39

28.05 C2 9.64

42.08 C3 9.67

130 -

310 - 1.45

2.1

Driller said water at

130' Approx 2 gals/min

Drilled 160' water standing

in hole next A.M.

At 130' took water sample

Drilled to 340' logged 32'

Installed 32' of 1" P.V.C.

Vent pipe perforated

200'

40 -

20 -

321' - T.D.

50 - .3

30 -

60 - .8

40 -

70 - .6

80 - .6

90 - .7

100 - .8

110 - .8

120 - .8

130 - .8

140 - .8

150 - .8

160 - .8

170 - .8

180 - .8

190 - .8

200 - .8

210 - .8

220 - .8

230 - .8

240 - .8

250 - .8

260 - .8

270 - .8

280 - .8

290 - .8

300 - .8

310 - .8

320 - .8

330 - .8

340 - .8

350 - .8

360 - .8

370 - .8

380 - .8

390 - .8

400 - .8

410 - .8

420 - .8

430 - .8

440 - .8

450 - .8

460 - .8

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

Analysis No. 1-10887 Date October 18, 1983

Operator El Paso Natural Gas Well Name San Juan 27-5 #99E CPS #11A

Location NW 11-27-5 County Rio Arriba State New Mexico

Field Blanco Formation

Sampled From 130 feet approximately 2 gallons per minute

Date Sampled September 13, 1983 By Joe Scotts

Tbg. Press.  Csg.  Surface Csg. Press.

|        |     |      |          |     |     |
|--------|-----|------|----------|-----|-----|
| Sodium | ppm | epm  | Chloride | ppm | epm |
|        | 273 | 11.9 |          | 56  | 1.6 |

|         |       |     |             |     |     |
|---------|-------|-----|-------------|-----|-----|
| Calcium | ppm   | epm | Bicarbonate | ppm | epm |
|         | TRACE | 0   |             | 298 | 4.9 |

|           |     |     |         |     |     |
|-----------|-----|-----|---------|-----|-----|
| Magnesium | ppm | epm | Sulfate | ppm | epm |
|           | 0   | 0   |         | 215 | 4.5 |

|      |     |     |           |     |     |
|------|-----|-----|-----------|-----|-----|
| Iron | ppm | epm | Carbonate | ppm | epm |
|      | 0   | 0   |           | 29  | 1.0 |

|                  |     |     |           |     |     |
|------------------|-----|-----|-----------|-----|-----|
| H <sub>2</sub> S | ppm | epm | Hydroxide | ppm | epm |
|                  | 0   | 0   |           | 0   | 0   |

cc: R. A. Ullrich  
 E. R. Paulek  
 J. W. McCarthy  
 J. D. Evans  
 W. B. Shropshire  
 D. C. Adams  
 File

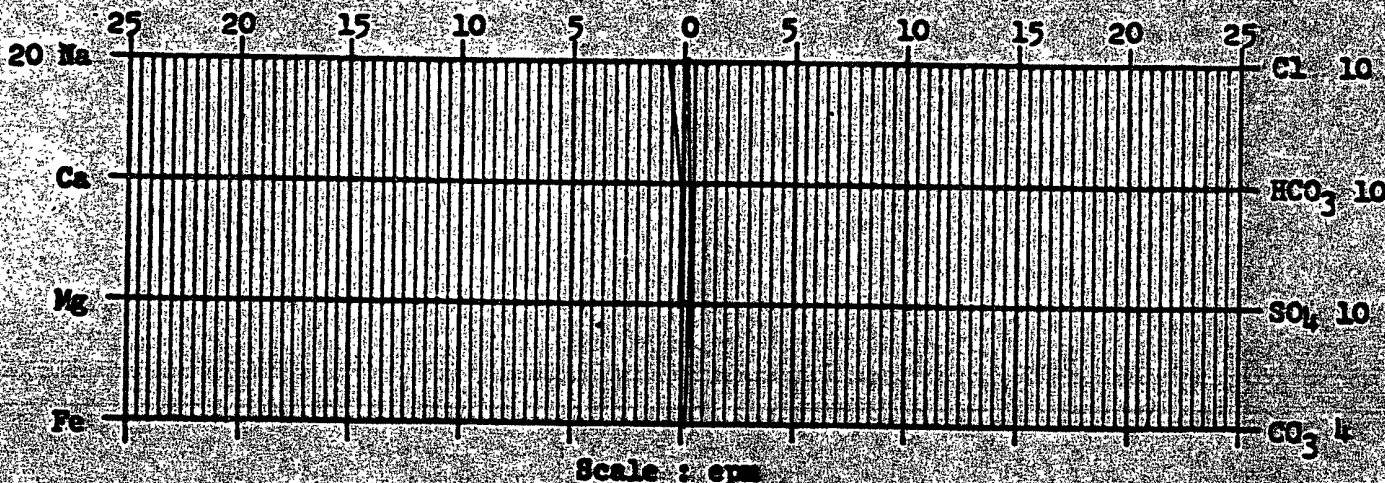
Total Solids Dissolved 860

pH 8.6

Sp. Gr. 0.9975 At 60°F

Resistivity 694 ohm-cm at 75°F

Dennis P. Bird  
 Chemist



#CPS <sup>1717<sup>u</sup></sup> ~~FED~~ DAILY DRILLING REPORT  
REPORT NO. DATE 9-12 1985

[illegible]

SIGNED: Toolpusher

Company Supervisor