

1236

5

30-039-21906

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. 35 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #100A  
cps 1493w

Elevation 6847' Completion Date 8/1/80 Total Depth 540' 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 AT 240', 300', 360' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: 56 SACKS

Depths anodes placed: 505', 490', 475', 460', 450', 440', 415', 385', 375', 365'

Depths vent pipes placed: 540'

Vent pipe perforations: 300'

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

8-1-80 8 hr  
3 ..

Drilling Log (Attach Hereto). ☐

2x 60 Anodes

Completion Date 8-1-80

|                                         |                         |                                  |                             |                            |                       |
|-----------------------------------------|-------------------------|----------------------------------|-----------------------------|----------------------------|-----------------------|
| Well Name<br>S.J30-6-#100A              |                         | Location<br>NW35-30-7            |                             | CPS No.<br>1493-W          |                       |
| Type & Size Bit Used<br>6 3/4           |                         |                                  |                             | Work Order No.<br>57590-21 |                       |
| Anode Hole Depth<br>540'<br>logged 540' | Total Drilling Rig Time | Total Lbs. Coke Used<br>56 Sacks | Lost Circulation Mat'l Used | No. Sacks Mud Used         |                       |
| Anode Depth                             |                         |                                  |                             |                            |                       |
| # 1 505                                 | # 2 490                 | # 3 475                          | # 4 460                     | # 5 450                    | # 6 440               |
| # 7 415                                 | # 8 385                 | # 9 375                          | # 10 365                    |                            |                       |
| Anode Output (Amps)                     |                         |                                  |                             |                            |                       |
| # 1 2.3                                 | # 2 3.0                 | # 3 2.7                          | # 4 3.4                     | # 5 3.3                    | # 6 2.8               |
| # 7 2.6                                 | # 8 3.0                 | # 9 3.1                          | # 10 2.7                    |                            |                       |
| 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      |                       |
| Volts 12.4                              | Amps 14.5               | Ohms .85                         |                             |                            | No. 2 C.P. Cable Used |

Remarks: ~~STATIC~~ 600'S = .87 UNION OK.

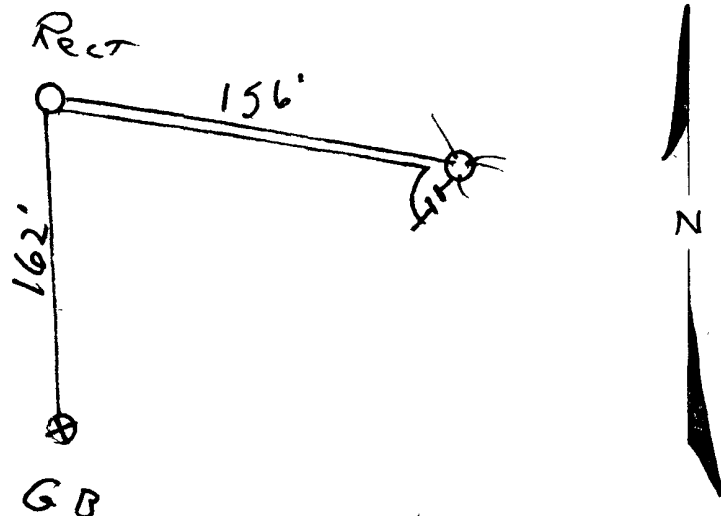
DRILLER said WET AT 240', waited 30 min. Blew mud balls,  
also WET AT 300' & 360' NO WATER SAMPLE INSTALLED  
540' of 1" VENT P.I.P.E., PERFORATED 300' of VENT P.I.P.E.

1-20' meter Pole ✓  
1-10' stub Pole ✓  
Ditch + 1 cable - 318' ✓  
EXTRA cable - 186' ✓  
Hole Depth + 40' ✓

All Construction Completed

*Hills' Loughton*  
(Signature)

GROUND BED LAYOUT SKETCH



DISTRIBUTION:

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

6847

# DAILY DRILLING REPORT

REPORT NO. DA

**EVENING**

SIGNED: Toolpusher *Brian Burger*

Company Supervisor

El Paso Natural Gas Company  
ENGINEERING CALCULATIONSheet: 8-1-82 of 1  
Date: 8-1-82  
By: WR  
File:S.J. 30-6  $\approx$  100 A  
NW 35-30-7  
CPS 1493 W  
W/O 57590-21STATIC 600' S - .87  
UNION - OK

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

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

1-20' meter Pole  
1-10' stub Pole  
1 40V 16A Rect  
Ditch + 1 cable 318'  
EXTRA cable - 186'  
Hole Depth + 40'DRILLER Said WET AT 200'  
waited 30 min Blow some  
mud balls, WET AT 300' & 350'  
did not get water sample  
Installed 540' of 1" VENT  
Perforated 300' of VENT Pipe  
Slurried 56 sack of COKE

|     |       |     |        |
|-----|-------|-----|--------|
| 240 | .9    | 390 | .9     |
| 45  | .8    | 95  | .9     |
| 50  | .6    | 400 | .6     |
| 55  | .6    | 05  | .7     |
| 60  | .7    | 10  | .8     |
| 65  | .7    | 15  | .9 ⑦   |
| 70  | .5    | 20  | .8     |
| 75  | .6    | 25  | .7     |
| 80  | 1.2   | 30  | .7     |
| 85  | 1.3   | 35  | .7     |
| 90  | 1.2   | 40  | 1.0 ⑥  |
| 95  | 1.1   | 45  | 1.0    |
| 300 | .9    | 50  | 1.0 ⑤  |
| 05  | 1.0   | 55  | 1.0    |
| 10  | 1.0   | 60  | 1.0 ④  |
| 15  | 1.1   | 65  | .9     |
| 20  | .6    | 70  | .9     |
| 25  | .4    | 75  | 1.0 ③  |
| 30  | .3    | 80  | .8     |
| 35  | .3    | 85  | .8     |
| 40  | .4    | 90  | 1.0 ②  |
| 45  | .4    | 95  | .9     |
| 50  | .3    | 500 | .9     |
| 55  | .9    | 05  | 1.0 ①  |
| 60  | 1.0   | 10  | 1.1    |
| 65  | 1.0 ⑩ | 15  | 1.0    |
| 70  | 1.0   | 20  | .9     |
| 75  | 1.0 ⑨ | 25  | .9 -   |
| 80  | 1.0   | 30  | .9     |
| 85  | 1.0 ⑧ | 35  | .8     |
|     |       | 40  | .8 T.D |

|   |     |     |     |
|---|-----|-----|-----|
| ① | 505 | 1.1 | 2.3 |
| ② | 490 | 1.1 | 3.0 |
| ③ | 475 | 1.0 | 2.7 |
| ④ | 460 | 1.1 | 3.4 |
| ⑤ | 450 | 1.1 | 3.3 |
| ⑥ | 440 | 1.0 | 2.8 |
| ⑦ | 415 | 1.0 | 2.6 |
| ⑧ | 385 | 1.2 | 3.0 |
| ⑨ | 375 | 1.3 | 3.1 |
| ⑩ | 365 | 1.1 | 2.7 |

12.4 V 14.5 A .85  $\approx$