

30-039-07626

4609

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

Operator MERIDIAN OIL Location: Unit NE Sec. 18 Twp 29 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 29-7 UNIT #81

cps 85w

Elevation 6722' Completion Date 5/1/74 Total Depth 520' 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. 220' & 480'

**RECEIVED**

MAY 31 1991

Depths gas encountered: N/A

**OIL CON. DIV.**  
**DIST. 3**

Type & amount of coke breeze used: 9000 lbs.

Depths anodes placed: 400', 390', 380', 370', 360', 350', 340', 330', 320', 300'

Depths vent pipes placed: N/A

Vent pipe perforations: 250'

Remarks: gb #2

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). ☐

Completion Date 5-1-74

|                                      |                         |                                          |                  |                             |                  |            |                                    |            |                       |            |
|--------------------------------------|-------------------------|------------------------------------------|------------------|-----------------------------|------------------|------------|------------------------------------|------------|-----------------------|------------|
| Well Name<br><u>S.D. 29-7 # 81</u>   |                         | Location<br><u>NE18-29-7</u>             |                  | CPS No.<br><u>85W</u>       |                  |            |                                    |            |                       |            |
| Type & Size Bit Used<br><u>6 3/4</u> |                         | Work Order No.<br><u>52190.19-50-20</u>  |                  |                             |                  |            |                                    |            |                       |            |
| Anode Hole Depth<br><u>520</u>       | Total Drilling Rig Time | Total Lbs. Coke Used<br><u>9000 Est.</u> |                  | Lost Circulation Mat'l Used |                  |            |                                    |            |                       |            |
| No. Sacks Mud Used                   |                         |                                          |                  |                             |                  |            |                                    |            |                       |            |
| Anode Depth                          | # 1                     | # 2                                      | # 3              | # 4                         | # 5              | # 6        | # 7                                | # 8        | # 9                   | # 10       |
|                                      | <u>400</u>              | <u>390</u>                               | <u>380</u>       | <u>370</u>                  | <u>360</u>       | <u>350</u> | <u>340</u>                         | <u>330</u> | <u>320</u>            | <u>300</u> |
| Anode Output (Amps)                  | # 1                     | # 2                                      | # 3              | # 4                         | # 5              | # 6        | # 7                                | # 8        | # 9                   | # 10       |
|                                      | <u>2.8</u>              | <u>3.0</u>                               | <u>2.9</u>       | <u>3.2</u>                  | <u>3.6</u>       | <u>2.8</u> | <u>3.4</u>                         | <u>3.1</u> | <u>3.0</u>            | <u>3.3</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             | Volts <u>11.5</u>       |                                          | Amps <u>10.0</u> |                             | Ohms <u>1.15</u> |            | No. 8 C.P. Cable Used<br><u>70</u> |            | No. 2 C.P. Cable Used |            |

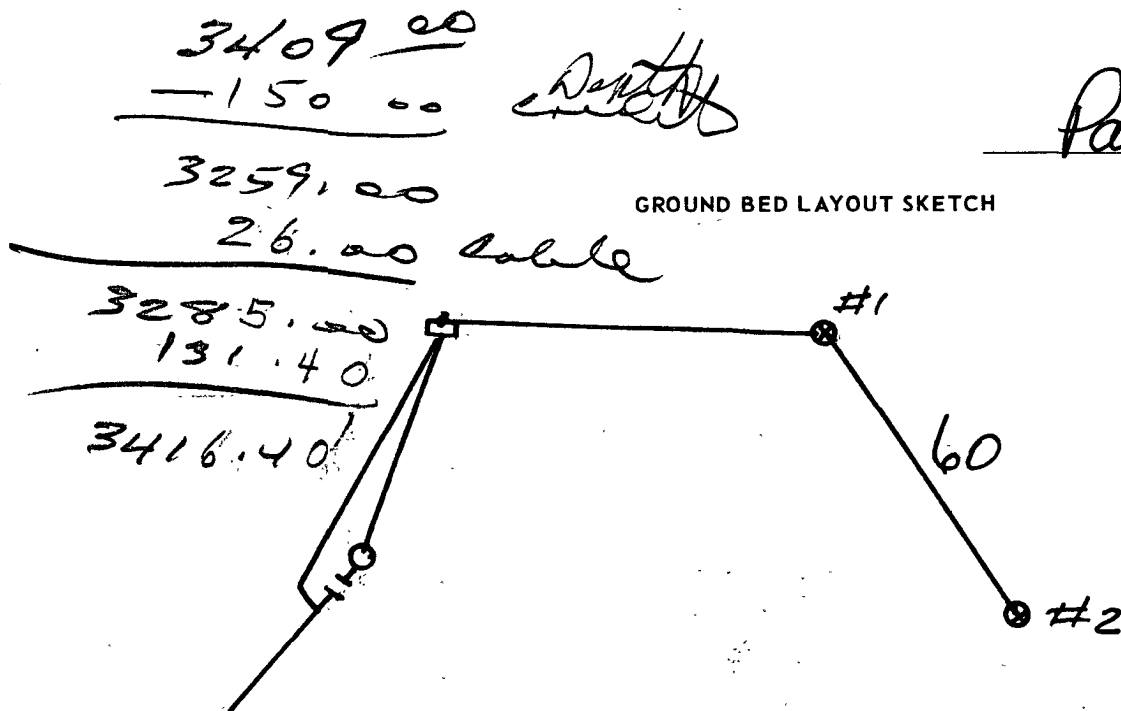
Remarks: Driller said water at 200 - water standing at 480 after 12 Hrs.

Pumped Coke above all anodes -  
Slurry to Surface  
vent Perforated 250'

All Construction Completed

Paul B. Daniels  
(Signature)

GROUND BED LAYOUT SKETCH



**STORM WATER WELL DRILLING INC.**

DIAMOND CORE DRILLING  
DIAMOND DRILLING EQUIPMENT  
GROUTING  
FOUNDATION TESTING  
MINING  
QUARRYING  
SHAFT SINKING  
WATER WELL DRILLING

**CONTRACTORS**  
**14991 W. 44TH AVENUE**  
**GOLDEN, COLORADO 80401**  
**PHONE (303) 278-9505**

**GENERAL OFFICE**  
14991 W. 44TH AVENUE  
**BAILEY OFFICE**  
CALL 1-833-4821

Drill G.D. 15 W

Date 5-1-74

Owner C.P.S.

Location FARMINGTON State N. MEX County \_\_\_\_\_

[illegible]

Total Hours \_\_\_\_\_

Equipment Down Time \_\_\_\_\_

Hours Drilling: 17.11 (1)

Driller Pat Pellam

Helper \_\_\_\_\_

Helper \_\_\_\_\_

C.P.S. Time \_\_\_\_\_

S.W.W.D.I. Time \_\_\_\_\_

**Total Footage** \_\_\_\_\_

Approval of  
C.P.S. Engineer \_\_\_\_\_

85 W

X = 4.0

| MW  | gate/mol              |
|-----|-----------------------|
| 16  | C <sub>1</sub> 6.4    |
| 30  | C <sub>2</sub> 9.56   |
| 44  | C <sub>3</sub> 10.42  |
| 58  | IC <sub>4</sub> 12.38 |
| 72  | NC <sub>4</sub> 13.93 |
| 86  | IC <sub>5</sub> 15.50 |
| 100 | IC <sub>6</sub> 17.2  |
| 114 | C <sub>7</sub> 17.46  |
| 128 | C <sub>8</sub> 19.38  |
| 142 | C <sub>9</sub> 21.67  |

| MW | MSC              | gate/mol |
|----|------------------|----------|
| 44 | CO <sub>2</sub>  | 6.39     |
| 34 | H <sub>2</sub> S | 5.17     |
| 28 | N <sub>2</sub>   | 4.18     |
| 2  | H <sub>2</sub>   | 3.38     |

|     |     |     |     |                             |
|-----|-----|-----|-----|-----------------------------|
| 280 | 2.0 | 10  | .9  | Dr. 11/2" sand water @ 200' |
|     | 2.0 |     | .7  | water standing @ 48.0       |
| 90  | 1.6 | 70  | .5  | after 12 hrs                |
|     | 1.5 |     | .4  | VENT PER. 250'              |
| 300 | 1.9 | 80  | .3  |                             |
|     | 1.9 |     | .3  |                             |
| 10  | 1.6 | 90  | .6  |                             |
|     | 1.8 | 496 | .6  | BOTTOM                      |
| 20  | 1.9 | 500 |     |                             |
|     | 2.0 |     |     |                             |
| 30  | 2.0 |     |     |                             |
|     | 2.4 |     |     |                             |
| 40  | 2.3 | 1   | 400 | water 1.8                   |
|     | 2.1 | 2   | 390 | 2.1                         |
| 50  | 1.8 | 3   | 380 | 2.0                         |
|     | 2.0 | 4   | 370 | 2.6                         |
| 60  | 2.1 | 5   | 360 | 2.2                         |
|     | 2.4 | 6   | 350 | 1.8                         |
| 70  | 2.5 | 7   | 340 | 2.3                         |
|     | 1.2 | 8   | 330 | 2.0                         |
| 80  | 1.0 | 9   | 320 | 2.0                         |
|     | 1.6 | 10  | 300 | 2.0                         |
| 90  | 2.0 |     |     |                             |
|     | 1.8 |     |     |                             |
| 400 | 1.8 |     |     |                             |
|     | 1.8 |     |     |                             |
| 10  | 1.8 |     |     |                             |
|     | 1.3 |     |     |                             |
| 20  | 1.2 |     |     |                             |
|     | 1.1 |     |     |                             |
| 30  | 1.0 |     |     |                             |
|     | 1.2 |     |     |                             |
| 40  | 1.0 |     |     |                             |
|     | .8  |     |     |                             |
| 50  | .7  |     |     |                             |
|     | .7  |     |     |                             |

11.5 V 10.0 A 1.15 Ω