

6512 = 30-039-20320  
401 = 30-039-24000

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. 13 Twp 30 Rng 7

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #65R, #401

cps 135w

Elevation 6248' Completion Date 8/4/71 Total Depth 700' 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. 200'

**RECEIVED**

MAY 31 1991

Depths gas encountered: N/A

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

Type & amount of coke breeze used: 11000 lbs.

Depths anodes placed: 650', 598', 590', 515', 490', 450', 382', 374', 290', 282', 27'

Depths vent pipes placed: 650'

Vent pipe perforations: 450'

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

CPS CONTRACT

Completion Date 8/4/71

Drilling Log (Attach Hereto). ☐

|                                         |                         |                                       |                             |                                          |             |
|-----------------------------------------|-------------------------|---------------------------------------|-----------------------------|------------------------------------------|-------------|
| Well Name<br><u>SAN JUAN 30-6 # 65Y</u> |                         | Location<br><u>SW 13-30N-7W</u>       |                             | CPS No.<br><u>135 W</u>                  |             |
| Type & Size Bit Used<br><u>6 3/4"</u>   |                         |                                       |                             | Work Order No.<br><u>184-54748-19-50</u> |             |
| Anode Hole Depth<br><u>700'</u>         | Total Drilling Rig Time | Total Lbs. Coke Used<br><u>11,000</u> | Lost Circulation Mat'l Used | No. Sacks Mud Used                       |             |
| Anode Depth                             | # 1                     | # 2                                   | # 3                         | # 4                                      | # 5         |
| <u>650'</u>                             | <u>598'</u>             | <u>590'</u>                           | <u>515'</u>                 | <u>490'</u>                              | <u>450'</u> |
| Anode Output (Amps)                     | # 1                     | # 2                                   | # 3                         | # 4                                      | # 5         |
| <u>1.67</u>                             | <u>1.67</u>             | <u>1.50</u>                           | <u>1.46</u>                 | <u>1.25</u>                              | <u>1.30</u> |
| Anode Depth                             | # 11                    | # 12                                  | # 13                        | # 14                                     | # 15        |
| <u>274'</u>                             | <u>215'</u>             |                                       |                             |                                          |             |
| Anode Output (Amps)                     | # 11                    | # 12                                  | # 13                        | # 14                                     | # 15        |
| <u>2.2</u>                              |                         |                                       |                             |                                          |             |
| Total Circuit Resistance                | No. 8 C.P. Cable Used   |                                       | No. 2 C.P. Cable Used       |                                          |             |
| Volts <u>10</u>                         | Amps <u>9.2</u>         | Ohms <u>1.09</u>                      | <u>330'</u>                 |                                          |             |

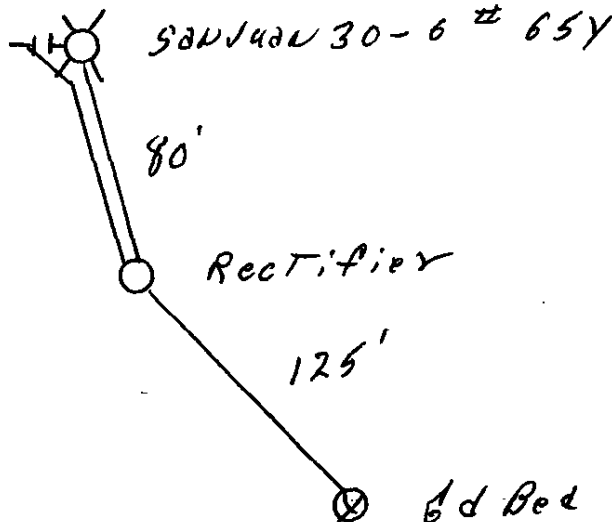
Remarks: Static  $\phi/s$  600' NW = 0.77 VENT Hose Perforated 450' to #1 Anode. Contractor attempted to pump coke with small pump. Coke Breeze was too coarse plugged Hose sluzzied complete Hole All Anodes Responded. Driller Blew water out of Hole @ 200' Made good streak of water when drilling with Air. Note: Gd Bed Rechecked 8/5/71 = 12.2V 12A 1.01  $\Omega$

All Construction Completed

Note: Pos. & Neg. Cables NOT Installed  
JUNCTION BOX NOT Installed

Edward R. Paulch  
(Signature)

Note: Contractor Requested  
GROUND BED LAYOUT SKETCH  
Waiver of 1.5  $\Omega$  Guarantee  
No Decision made at this  
Time



DAILY DRILLING REPORT

C.P.S

LEASE WELL NO. 135-W CONTRACTOR MORROW RIG NO. 1 REPORT NO. 1 DATE 8-3 1971

| MORNING                          |     |                     |        |        |                                  |     |                          |        |        | DAYLIGHT                 |    |           |        |        |                   |    |           |        |        | EVENING                          |    |           |        |        |                   |  |  |  |  |
|----------------------------------|-----|---------------------|--------|--------|----------------------------------|-----|--------------------------|--------|--------|--------------------------|----|-----------|--------|--------|-------------------|----|-----------|--------|--------|----------------------------------|----|-----------|--------|--------|-------------------|--|--|--|--|
| Driller WATSON                   |     |                     |        |        | Total Men In Crew 2              |     |                          |        |        | Driller                  |    |           |        |        | Total Men In Crew |    |           |        |        | Driller                          |    |           |        |        | Total Men In Crew |  |  |  |  |
| FROM                             | TO  | FORMATION           | WT-BIT | R.P.M. | FROM                             | TO  | FORMATION                | WT-BIT | R.P.M. | FROM                     | TO | FORMATION | WT-BIT | R.P.M. | FROM              | TO | FORMATION | WT-BIT | R.P.M. | FROM                             | TO | FORMATION | WT-BIT | R.P.M. |                   |  |  |  |  |
| 0                                | 30' | SAND STONE          |        |        | 193                              | 207 | WATER SAND-              |        |        |                          |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| 35                               | 139 | SHALE w/ SAND STARS |        |        | 207                              | 200 | SAND w/ BENTONITE STARS- |        |        |                          |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| 139                              | 162 | SHALE               |        |        |                                  |     |                          |        |        |                          |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| 162                              | 193 | HARD SAND-          |        |        |                                  |     |                          |        |        |                          |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| NO. DC                           |     |                     |        |        | SIZE                             |     |                          |        |        | LENG.                    |    |           |        |        | NO. DC            |    |           |        |        | SIZE                             |    |           |        |        | LENG.             |  |  |  |  |
| NO. DC                           |     |                     |        |        | SIZE                             |     |                          |        |        | LENG.                    |    |           |        |        | NO. DC            |    |           |        |        | SIZE                             |    |           |        |        | LENG.             |  |  |  |  |
| SERIAL NO.                       |     |                     |        |        | STANDS                           |     |                          |        |        | SINGLES                  |    |           |        |        | SERIAL NO.        |    |           |        |        | STANDS                           |    |           |        |        | SINGLES           |  |  |  |  |
| TYPE                             |     |                     |        |        | DOWN ON KELLY                    |     |                          |        |        | TOTAL DEPTH              |    |           |        |        | TYPE              |    |           |        |        | DOWN ON KELLY                    |    |           |        |        | TOTAL DEPTH       |  |  |  |  |
| MAKE                             |     |                     |        |        | MUD, ADDITIVES USED AND RECEIVED |     |                          |        |        | MUD RECORD               |    |           |        |        | MAKE              |    |           |        |        | MUD, ADDITIVES USED AND RECEIVED |    |           |        |        | MUD RECORD        |  |  |  |  |
| Time                             |     |                     |        |        | Vis.                             |     |                          |        |        | Time                     |    |           |        |        | Vis.              |    |           |        |        | Time                             |    |           |        |        | Vis.              |  |  |  |  |
| FROM                             |     |                     |        |        | TO                               |     |                          |        |        | FROM                     |    |           |        |        | TO                |    |           |        |        | FROM                             |    |           |        |        | TO                |  |  |  |  |
| TIME BREAKDOWN                   |     |                     |        |        | TIME BREAKDOWN                   |     |                          |        |        | TIME BREAKDOWN           |    |           |        |        | TIME BREAKDOWN    |    |           |        |        | TIME BREAKDOWN                   |    |           |        |        | TIME BREAKDOWN    |  |  |  |  |
| REMARKS -                        |     |                     |        |        |                                  |     |                          |        |        | REMARKS -                |    |           |        |        |                   |    |           |        |        | REMARKS -                        |    |           |        |        |                   |  |  |  |  |
| Trip for Bit #2 @ 325-           |     |                     |        |        |                                  |     |                          |        |        | Blew WATER OUT OF HOBE   |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| Drilled to 520 - Pulled out      |     |                     |        |        |                                  |     |                          |        |        | @ 200' - Good WITH WELL. |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| OF HOBE + LOGGED - HOBE NO       |     |                     |        |        |                                  |     |                          |        |        |                          |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| Good - Drilled to 580' w/        |     |                     |        |        |                                  |     |                          |        |        | 3 BITS -                 |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| AIR + WTR. INH. mudded up        |     |                     |        |        |                                  |     |                          |        |        | 16 Hrs. Drilling Time.   |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| @ 580 w/ 20 SACKS Gel + 2 G.C.M. |     |                     |        |        |                                  |     |                          |        |        | 20 SACKS Gel -           |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |
| Drilled to 700 w/ mud -          |     |                     |        |        |                                  |     |                          |        |        | 2 " best CONC. MATERIAL  |    |           |        |        |                   |    |           |        |        |                                  |    |           |        |        |                   |  |  |  |  |

SIGNED: Toolpusher Joe Morrow Company Supervisor