

30-045-26643

3898

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

Operator MERIDIAN OIL INC. Location: Unit C Sec. 25 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced PAYNE #8

cps 1946w

Elevation 6029' Completion Date 5/13/88 Total Depth 400' 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. 60' & 80' NO SAMPLE

Depths gas encountered: 350' - 380' BLEW DOWN BY NEXT MORNING.

Type & amount of coke breeze used: N/A

Depths anodes placed: 345', 310', 300', 290', 280', 160', 150', 135', 115', 100'

Depths vent pipes placed: 375'

Vent pipe perforations: 320'

Remarks: gb #1

**RECEIVED**

MAY 31 1991

**OIL CON. 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.

CATHODE PROTECTION CONSTRUCTION REPORT

Case No. 54503

Drilling Log (Attach Hereto) ☐

Comp 6-20-85 Completion Date 5/13/88

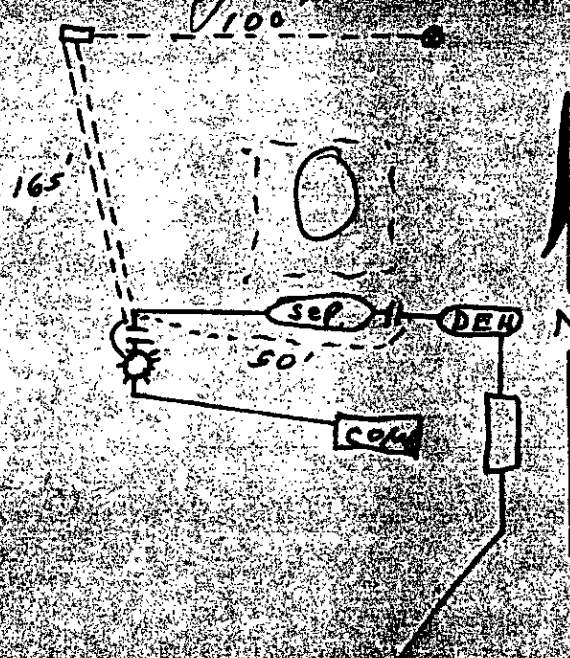
|                          |                         |                     |                       |                                                                      |          |        |                       |        |                         |         |
|--------------------------|-------------------------|---------------------|-----------------------|----------------------------------------------------------------------|----------|--------|-----------------------|--------|-------------------------|---------|
| CPS #                    | Well Name, Line or Mast | Work Order #        | State                 | Ins. Union Check                                                     |          |        |                       |        |                         |         |
| 1946 W                   | PAYNE #8                | 54503 A             | 600' S = 85V          | <input checked="" type="checkbox"/> Ins. <input type="checkbox"/> No |          |        |                       |        |                         |         |
| Location: NW 25-30-11    | Anode Size: 2" X 60"    | Anode Type: Duriron | Size Bit: 6 7/8"      |                                                                      |          |        |                       |        |                         |         |
| Depth Drilled: 400'      | Depth Logged: 375'      | Drilling Rig Type   | Total Lbs. Cable Used | Loss Circulation Mat'l Used                                          |          |        |                       |        |                         |         |
| Anode Depth              | #1 345                  | #2 310              | #3 300                | #4 290                                                               | #5 280   | #6 160 | #7 150                | #8 135 | #9 115                  | #10 100 |
| Anode Output (Amps)      | #1 5.4                  | #2 6.5              | #3 7.4                | #4 7.4                                                               | #5 7.4   | #6 7.2 | #7 6.7                | #8 6.2 | #9 6.7                  | #10 6.8 |
| 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: 11.8V            |                     | Amps: 32.7A           |                                                                      | Ohms: 35 |        | No. 8 C.P. Cable Used |        | No. 25' C.P. Cable Used |         |

Remarks: Water at 60' & 80', Sample would not settle out. Not too  
 if gas at 350' to 380', it blew down by the next morning.  
 Installed 375' of 1" P.V.C. Vent pipe, perforated 320'.

6.B. \$4074.00 ✓  
 Rectifier Size: 40V 16A 669.00 ✓  
 Addn'l Depth: — 433.50 ✓  
 Depth Credit: — 125' 49.20 ✓  
 Extra Cable: 205' 220.00 ✓  
 Ditch & 1 Cable: 315'  
 25' Meter Pole: —  
 20' Meter Pole: 1 297.00 ✓  
 10' Stub Pole: —  
 Junction Box: 1 225.00 ✓  
 1 Joint 8" P.V.C. Caseing \$5.00 @ 20 ft. 200.00 ✓  
 1 Hr. Caseing setting Time 138.00 ✓  
 \$5335.20 ✓  
 TAX 266.76 ✓  
 5601.96 ✓

All Construction Completed

(Signature)



6029

Company McElroy &amp; Co.

Well No. PAYNE #8 Location NV 25-30-11 Volts Applied 11.8 Amperes 33.7

|     |         |       |  |  |     |         |  |         |  |     |  |  |  |  |     |        |      |     |  |
|-----|---------|-------|--|--|-----|---------|--|---------|--|-----|--|--|--|--|-----|--------|------|-----|--|
| 5   |         |       |  |  | 230 | 1.9     |  |         |  | 455 |  |  |  |  | 680 |        |      |     |  |
| 10  |         |       |  |  | 235 | 1.9     |  |         |  | 460 |  |  |  |  | 685 |        |      |     |  |
| 15  |         |       |  |  | 240 | 1.6     |  |         |  | 465 |  |  |  |  | 690 |        |      |     |  |
| 20  |         |       |  |  | 245 | 1.5     |  |         |  | 470 |  |  |  |  | 695 |        |      |     |  |
| 25  |         |       |  |  | 250 | 2.7     |  |         |  | 475 |  |  |  |  | 700 | 1-300  | -4.5 | 7.4 |  |
| 30  |         |       |  |  | 255 | 2.6     |  |         |  | 480 |  |  |  |  | 705 | 2-300  | -4.7 | 6.5 |  |
| 35  |         |       |  |  | 260 | 2.7     |  |         |  | 485 |  |  |  |  | 710 | 3-300  | -4.6 | 7.4 |  |
| 40  |         |       |  |  | 265 | 3.0     |  |         |  | 490 |  |  |  |  | 715 | 4-250  | -4.5 | 7.4 |  |
| 45  |         |       |  |  | 270 | 3.1     |  |         |  | 495 |  |  |  |  | 720 | 5-250  | -4.5 | 7.4 |  |
| 50  |         |       |  |  | 275 | 3.6     |  |         |  | 500 |  |  |  |  | 725 | 6-160  | -4.5 | 7.4 |  |
| 55  |         |       |  |  | 280 | 3.6 - ⑤ |  |         |  | 505 |  |  |  |  | 730 | 7-150  | -4.1 | 6.7 |  |
| 60  |         | WATER |  |  | 285 | 3.5     |  |         |  | 510 |  |  |  |  | 735 | 8-135  | -4.2 | 6.7 |  |
| 65  |         |       |  |  | 290 | 3.5 - ④ |  |         |  | 515 |  |  |  |  | 740 | 9-115  | -4.5 | 6.7 |  |
| 70  |         |       |  |  | 295 | 3.8     |  |         |  | 520 |  |  |  |  | 745 | 10-100 | -4.6 | 6.8 |  |
| 75  |         |       |  |  | 300 | 3.6 - ③ |  |         |  | 525 |  |  |  |  | 750 |        |      |     |  |
| 80  | 3.3     | WATER |  |  | 305 | 3.4     |  |         |  | 530 |  |  |  |  | 755 |        |      |     |  |
| 85  | 3.4     |       |  |  | 310 | 3.4 - ② |  |         |  | 535 |  |  |  |  | 760 |        |      |     |  |
| 90  | 3.4     |       |  |  | 315 | 3.1     |  |         |  | 540 |  |  |  |  | 765 |        |      |     |  |
| 95  | 3.8     |       |  |  | 320 | 2.4     |  |         |  | 545 |  |  |  |  | 770 |        |      |     |  |
| 100 | 2.8 - ① |       |  |  | 325 | 2.7     |  |         |  | 550 |  |  |  |  | 775 |        |      |     |  |
| 105 | 3.4     |       |  |  | 330 | 2.9     |  |         |  | 555 |  |  |  |  | 780 |        |      |     |  |
| 110 | 7.7     |       |  |  | 335 | 2.7     |  |         |  | 560 |  |  |  |  | 785 |        |      |     |  |
| 115 | 3.6 - ⑨ |       |  |  | 340 | 3.1     |  |         |  | 565 |  |  |  |  | 790 |        |      |     |  |
| 120 | 3.3     |       |  |  | 345 | 3.6 - ① |  |         |  | 570 |  |  |  |  | 795 |        |      |     |  |
| 125 | 3.3     |       |  |  | 350 | 3.9     |  |         |  | 575 |  |  |  |  | 800 |        |      |     |  |
| 130 | 3.3     |       |  |  | 355 | 4.1     |  |         |  | 580 |  |  |  |  | 805 |        |      |     |  |
| 135 | 3.4 - ⑧ |       |  |  | 360 | 4.0     |  |         |  | 585 |  |  |  |  | 810 |        |      |     |  |
| 140 | 3.2     |       |  |  | 365 | 4.2     |  |         |  | 590 |  |  |  |  | 815 |        |      |     |  |
| 145 | 3.3     |       |  |  | 370 | 2.9     |  |         |  | 595 |  |  |  |  | 820 |        |      |     |  |
| 150 | 3.3 - ⑦ |       |  |  | 375 | -       |  | 7.0     |  | 600 |  |  |  |  | 825 |        |      |     |  |
| 155 | 3.2     |       |  |  | 380 |         |  |         |  | 605 |  |  |  |  | 830 |        |      |     |  |
| 160 | 3.6 - ⑥ |       |  |  | 385 |         |  |         |  | 610 |  |  |  |  | 835 |        |      |     |  |
| 165 | 3.5     |       |  |  | 390 |         |  |         |  | 615 |  |  |  |  | 840 |        |      |     |  |
| 170 | 2.8     |       |  |  | 395 |         |  |         |  | 620 |  |  |  |  | 845 |        |      |     |  |
| 175 | 2.5     |       |  |  | 400 |         |  | Drilled |  | 625 |  |  |  |  | 850 |        |      |     |  |
| 180 | 2.1     |       |  |  | 405 |         |  |         |  | 630 |  |  |  |  | 855 |        |      |     |  |
| 185 | 2.3     |       |  |  | 410 |         |  |         |  | 635 |  |  |  |  | 860 |        |      |     |  |
| 190 | 2.5     |       |  |  | 415 |         |  |         |  | 640 |  |  |  |  | 865 |        |      |     |  |
| 195 | 2.0     |       |  |  | 420 |         |  |         |  | 645 |  |  |  |  | 870 |        |      |     |  |
| 200 | 1.8     |       |  |  | 425 |         |  |         |  | 650 |  |  |  |  | 875 |        |      |     |  |
| 205 | 1.6     |       |  |  | 430 |         |  |         |  | 655 |  |  |  |  | 880 |        |      |     |  |
| 210 | 1.9     |       |  |  | 435 |         |  |         |  | 660 |  |  |  |  | 885 |        |      |     |  |
| 215 | 2.1     |       |  |  | 440 |         |  |         |  | 665 |  |  |  |  | 890 |        |      |     |  |
| 220 | 2.2     |       |  |  | 445 |         |  |         |  | 670 |  |  |  |  | 895 |        |      |     |  |
| 225 | 2.1     |       |  |  | 450 |         |  |         |  | 675 |  |  |  |  | 900 |        |      |     |  |

D. CIASS

DRILLING CO.

1940

Drill No. 3

DRILLER'S WELL LOG

S. P. No. PAYNE 8 MW Date 5-13-88  
Client Meridian Oil Co. Prospect \_\_\_\_\_  
County SAN JUAN State New Mex.

If hole is a redrill or if moved from original staked position show distance and direction moved: \_\_\_\_\_

| FROM | TO  | FORMATION — COLOR — HARDNESS |
|------|-----|------------------------------|
| 0    | 65  | SAND                         |
| 65   | 180 | Shale                        |
| 180  | 280 | SANDSTONE                    |
| 280  | 380 | Shale                        |
| 320  | 330 | SANDSTONE                    |
| 330  | 390 | Shale                        |
| 390  | 400 | SANDSTONE                    |
|      |     |                              |
|      |     |                              |
|      |     |                              |
|      |     |                              |

Mud \_\_\_\_\_ Brm \_\_\_\_\_ Lime \_\_\_\_\_

Rock Bit Number \_\_\_\_\_ Make \_\_\_\_\_

Remarks: Water @ 60'

Driller Rennie Brown