

30-045-26838

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 0 Sec. 25 Twp 30 Rng 11

Name of Well/Wells or Pipeline Serviced KESSLER COM #3

cps 1931w

Elevation 5981' Completion Date 4/13/88 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. 180'

Depths gas encountered: N/A

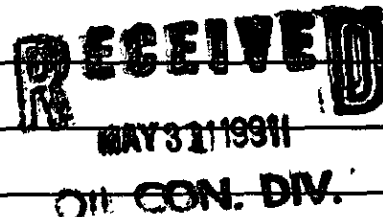
Type & amount of coke breeze used: N/A

Depths anodes placed: 350', 340', 330', 320', 310', 300', 290', 280', 270', 260'

Depths vent pipes placed: 385'

Vent pipe perforations: 240'

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.

CATHODIC PROTECTION CONSTRUCTION REPORT

Drilling Log (Anode House) ☐

- Prop. I.D. 071045900 Completion Date: 12/1/88

| | | | | |
|--------------------------------|--------------------------|-------------------|-----------------------|-----------------------------|
| CPS # | Well Name, Line or Plant | Work Order # | Size | Log Sheet Number |
| 1931 W | Kessler COM #3 | 2822A | 600' E = .92 | |
| Location | Anode Size | Anode Type | Size Etc. | |
| 0-25-30-11 | 2" X 60" | DURION | 6 3/4" | |
| Depth Drilled | Depth Logged | Drilling Rig Time | Total Lbs. Cable Used | Line Connection Meters Used |
| 400' | 285' | | | |
| Anode Depth | | | | |
| #1 350' | #2 240' | #3 330' | #4 320' | #5 310' |
| #6 300' | #7 290' | #8 280' | #9 270' | #10 260' |
| Anode Output (Amps) | | | | |
| #1 5.0 | #2 4.9 | #3 5.9 | #4 6.8 | #5 6.4 |
| #6 5.3 | #7 5.5 | #8 5.8 | #9 5.2 | #10 5.8 |
| 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 | | | No. 8 C.P. Cable Used | |
| Volts 12.03 Amps 27.0 Ohms .45 | | | No. 2 C.P. Cable Used | |

Remarks: SEVERAL DAMP SPOTS IN TOP OF HOLE AROUND 100' COULD NOT GET THEM TO MAKE WATER, GOOD WATER AT 180' COULD NOT GET WATER SAMPLE, HAD ALREADY STARTED IN WATER. INSTALLED 385' of 1" P.V.C. VENT PIPE, PERFORATED 240'.

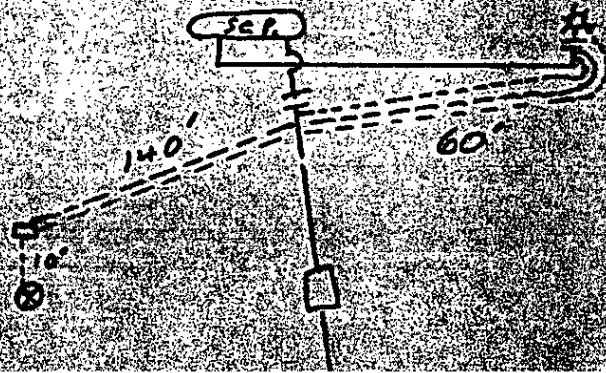
G.B. \$4074.00 ✓

| | | | |
|-----------------|--------|-----|------------|
| Rectifier Size: | 40V | 16A | 669.00 ✓ |
| Add'l Depth | | | |
| Depth Credit | - 115' | | - 402.50 ✓ |
| Extra Cable | 300' | | 72.00 ✓ |
| Ditch & I Cable | 200' | | 147.00 ✓ |
| 25' Meter Pole: | | | |
| 20' Meter Pole: | 1 | | 297.00 ✓ |
| 10' Stub Pole: | | | |
| Junction Box: | 1 | | 22.50 ✓ |

All Construction Completed

J.C. Smith
(Signature)

5081.50
TAX 254.08
\$5335.58 OF 924.44



(505) 325-1948

CP 1931

0.2

0-25-30-10

279

| Volts | Location | Volts Applied | Amperes |
|-------|-----------|----------------|---------|
| 5 | | 230 1.5 | 455 680 |
| 10 | | 235 1.7 | 460 685 |
| 15 | | 240 1.6 | 465 690 |
| 20 | | 245 2.2 | 470 695 |
| 25 | | 250 2.0 | 475 700 |
| 30 | | 255 2.1 | 480 705 |
| 35 | | 260 2.3 - ⑩ | 485 710 |
| 40 | | 265 2.2 | 490 715 |
| 45 | | 270 2.2 - ⑨ | 495 720 |
| 50 | | 275 2.1 | 500 725 |
| 55 | | 280 2.2 - ⑧ | 505 730 |
| 60 | | 285 2.2 | 510 735 |
| 65 | | 290 2.3 - ⑦ | 515 740 |
| 70 | | 295 2.3 | 520 745 |
| 75 | | 300 2.2 - ⑥ | 525 750 |
| 80 | | 305 2.2 | 530 755 |
| 85 | | 310 2.4 - ⑤ | 535 760 |
| 90 | | 315 2.4 | 540 765 |
| 95 | | 320 2.3 - ④ | 545 770 |
| 100 | | 325 2.3 | 550 775 |
| 105 | | 330 2.2 - ③ | 555 780 |
| 110 | | 335 2.3 | 560 785 |
| 115 | | 340 2.2 - ② | 565 790 |
| 120 | | 345 2.0 | 570 795 |
| 125 | | 350 2.1 - ① | 575 800 |
| 130 | | 355 1.9 | 580 805 |
| 135 | | 360 1.6 | 585 810 |
| 140 | | 365 1.6 | 590 815 |
| 145 | | 370 1.8 | 595 820 |
| 150 | | 375 1.7 | 600 825 |
| 155 | | 380 1.3 | 605 830 |
| 160 | | 385 TD | 610 835 |
| 165 | | 390 | 615 840 |
| 170 | | 395 | 620 845 |
| 175 | | 400 Drilled T6 | 625 850 |
| 180 | 2.0 WATER | 405 | 630 855 |
| 185 | 1.7 | 410 | 635 860 |
| 190 | 1.4 | 415 | 640 865 |
| 195 | 1.5 | 420 | 645 870 |
| 200 | 1.4 | 425 | 650 875 |
| 205 | 1.2 | 430 | 655 880 |
| 210 | 1.3 | 435 | 660 885 |
| 215 | 1.7 | 440 | 665 890 |
| 220 | 1.0 | 445 | 670 895 |
| 225 | 1.9 | 450 | 675 900 |

D. CRASS DRILLING CO.

Drill No. 3

1931

DRILLER'S WELL LOG

S. P. No. Kessler Com #3 Date 4-12-88
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 | 20 | SOFT SANDSTONE |
| 20 | 30 | CLAY |
| 30 | 100 | SHALE |
| 100 | 120 | SAND |
| 120 | 135 | SHALE |
| 135 | 210 | SOFT SANDSTONE |
| 210 | 230 | SAND |
| 230 | 300 | SAND & SHALE |
| 300 | 400 | SHALE |
| | | |
| | | Water @ 180 Ft. |
| | | |

Mud _____ Bran _____ Lime _____

Rock Bit Number _____ Make _____

Remarks: _____

Driller RONNIE BROWN