

30-045-07197

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

Operator ARCO Oil and Gas Company Location: Unit A Sec. 27 Twp 28N Rng 11W  
Name of Well/Wells or Pipeline Serviced Schlosser WN Fed. #3

Elevation 5613' Completion Date 10/20/84 Total Depth 250' Land Type\* F-SF078673  
Casing, Sizes, Types & Depths Open hole, 7-7/8"

**RECEIVED**

If Casing is cemented, show amounts & types used FEB 25 1991

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

If Cement or Bentonite Plugs have been placed, show depths & amounts used

Depths & thickness of water zones with description of water when possible:  
Fresh, Clear, Salty, Sulphur, Etc. Not available.

Depths gas encountered: None

Type & amount of coke breeze used: Hole filled with metallurgical coke breeze from bottom to surface  
by slurry method.

Depths anodes placed: Anode tops at 240', 230', 220', 210', 200', 190', 180', 170'

Depths vent pipes placed: 245' to 3' above ground

Vent pipe perforations: 1/8" holes every 6" from 245' to 170'

Remarks: 3" x 60" graphite anodes

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 TYPE GROUND BED DATA

Data Sheet No. 17

COMPANY ARCO OIL AND GAS CO. JOB No. 248 DATE: 10-20-84  
 WELL: SCHLOSSER NO. 3 PIPELINE \_\_\_\_\_  
 LOCATION: SEC. 27 TWP. 28N RGE. 11W CO. SAN JUAN STATE NEW MEXICO  
 ELEV. \_\_\_\_\_ ft. ROTARY \_\_\_\_\_ ft. CABLE TOOL \_\_\_\_\_ ft. CASING \_\_\_\_\_ ft.  
 GROUND BED: DEPTH 250 ft. DIA. 7 7/8 in. GAB ±1500 lbs. ANODES 8-3"X60" UCAR 79

| DEPTH.<br>FT. | DRILLER'S LOG          | FINAL ANODE<br>TO STRUCTURE |     |   | EXPLORING ANODE<br>TO STRUCTURE |     |   | DEPTH<br>TOP OF<br>ANODES |
|---------------|------------------------|-----------------------------|-----|---|---------------------------------|-----|---|---------------------------|
|               |                        | E                           | I   | R | E                               | I   | R |                           |
| 50            | 0-5 SANDSTONE          | 12.6                        |     |   | 12.6                            | 1.0 |   |                           |
| 55            | 5-15 BROWN SAND        |                             |     |   |                                 | 1.0 |   |                           |
| 60            | 15-20 BROWN SANDY CLAY |                             |     |   |                                 | 2.0 |   |                           |
| 65            | 20-22 STICKY BLUE CLAY |                             |     |   |                                 | 1.0 |   |                           |
| 70            | 22-25 BLUE SHALE       |                             |     |   |                                 | 1.0 |   |                           |
| 75            | 25-55 BROWN SANDY CLAY |                             |     |   |                                 | 1.0 |   |                           |
| 80            | 55-60 BLUE SAND (WET)  |                             |     |   |                                 | 1.0 |   |                           |
| 85            | 60-80 BLUE SHALE       |                             |     |   |                                 | 1.0 |   |                           |
| 90            | 80-90 BLUE SAND        |                             |     |   |                                 | 1.0 |   |                           |
| 95            | 90-255 BLUE SANDY CLAY |                             |     |   |                                 | 1.0 |   |                           |
| 100           | (MORE SAND THAN CLAY)  |                             |     |   |                                 | 1.0 |   |                           |
| 5             |                        |                             |     |   |                                 | 1.0 |   |                           |
| 10            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 15            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 20            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 25            |                        |                             |     |   |                                 | 2.0 |   |                           |
| 30            |                        |                             |     |   |                                 | 2.0 |   |                           |
| 35            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 40            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 45            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 50            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 55            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 60            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 65            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 70            |                        |                             | 2.3 |   |                                 | 1.0 |   | #8                        |
| 75            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 80            |                        |                             | 2.7 |   |                                 | 1.0 |   | #7                        |
| 85            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 90            |                        |                             | 2.9 |   |                                 | 1.0 |   | #6                        |
| 95            |                        |                             |     |   |                                 | 2.0 |   |                           |
| 200           |                        |                             | 4.2 |   |                                 | 2.0 |   | #5                        |
| 5             |                        |                             |     |   |                                 | 1.0 |   |                           |
| 10            |                        |                             | 3.5 |   |                                 | 1.0 |   | #4                        |
| 15            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 20            |                        |                             | 4.8 |   |                                 | 2.0 |   | #3                        |
| 25            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 30            |                        |                             | 4.8 |   |                                 | 1.0 |   | #2                        |
| 35            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 40            |                        |                             | 3.5 |   |                                 | 1.0 |   | #1                        |
| 45            |                        |                             |     |   |                                 | 1.0 |   |                           |
| 50            |                        |                             |     |   |                                 |     |   |                           |

GROUND BED RESISTANCE: (1) VOLTS 12.1 + AMPS 11.1 = 1.1 OHMS

Corrosion Specialists, Ltd.

(2) VIBROGROUND \_\_\_\_\_ OHMS