

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS IN  
NORTHWEST NEW MEXICO

OPERATOR: Williams Production Company LOCATION: N 26 31 6 LEASE NUMBER: SF-078771

NAME OF WELL/WELLS OR PIPELINE SERVICED: ROSA UNIT #099Y GL/DK - 30-039-23451  
DUALWELL ROSA #215 - 30-039-24394

ELEVATION: 6436' GR COMPLETION DATE: 08/21/86 TOTAL DEPTH: 500 ft. LAND TYPE: FED

CASING: 7-5/8" 26.4# K-55 Set @ N/A ft. Casing is not cemented.

CEMENT PLUG--Top:N/A' Bottom: N/A' Used 0 sx. Class "B" (1.18 cu.ft./sk).

WATER DEPTH: 195' Water zone thickness not available. WATER DESCRIPTION: Fresh

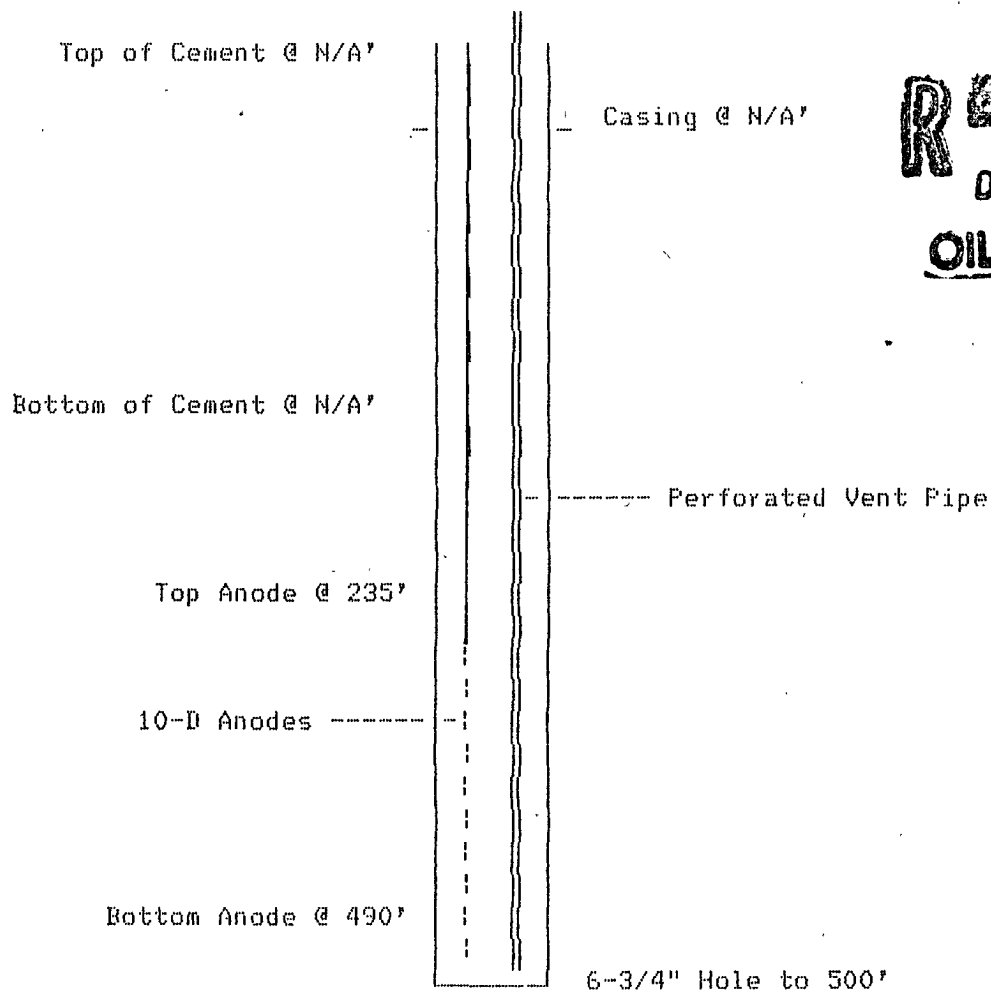
DEPTH OF GAS: N/A'

COKE: 8505 lbs. of Metalurgical coke breeze used.

NUMBER & TYPE OF ANODES: 10-D TOP ANODE @ 235 ft. BOTTOM ANODE @ 490 ft.

VENT PIPE: 1" PVC Set @ 500 ft. Vent pipe perforated from 215 ft. to 500 ft.

REMARKS:



RECEIVED  
DEC 11/1991  
OIL CON. DIV.  
DIST. 12

## WELL TYPE GROUND BED DATA

DATA SHEET NO. \_\_\_\_\_

SHEET 1 OF 2

COMPANY NORTHWEST PIPELINE JOB No. 85-504 DATE: 10-23-85WELL: ROSA #99Y PIPELINE: \_\_\_\_\_LOCATION: SEC. 26 TWP. 31N RGE. 6W CO. RIO ARriba STATE NMELEV. \_\_\_\_\_ FT: ROTARY 500 FT: CABLE TOOL 0 FT: CASING 0 FGROUNDBED: DEPTH 500 FT. DIA. 6 3/4 IN. GAB 6400 LBS. ANODES 10 TYPE D

| DEPTH,<br>FT. | DRILLER'S LOG<br><u>FIRST WATER @ 195'</u> | EXPLORING ANODE<br>TO STRUCTURE |     |   | NO<br>COKE | WITH<br>COKE | DEPTH TOP<br>OF ANODES |     |
|---------------|--------------------------------------------|---------------------------------|-----|---|------------|--------------|------------------------|-----|
|               |                                            | E                               | I   | R | R          | R            | NO.                    | FT. |
| 200           |                                            |                                 | 0.8 |   |            |              |                        |     |
| 5             |                                            |                                 | 1.0 |   |            |              |                        |     |
| 10            |                                            |                                 | 0.9 |   |            |              |                        |     |
| 15            |                                            |                                 | 1.1 |   |            |              |                        |     |
| 20            |                                            |                                 | 1.2 |   |            |              |                        |     |
| 25            |                                            |                                 | 1.0 |   |            |              |                        |     |
| 30            |                                            |                                 | 1.0 |   |            |              |                        |     |
| 35            |                                            |                                 | 1.2 |   | 1.4        |              | 10                     | 235 |
| 40            |                                            |                                 | 1.3 |   |            |              |                        |     |
| 45            |                                            |                                 | 1.2 |   | 1.4        |              | 9                      | 245 |
| 50            |                                            |                                 | 0.9 |   |            |              |                        |     |
| 55            |                                            |                                 | 0.9 |   |            |              |                        |     |
| 60            |                                            |                                 | 0.7 |   |            |              |                        |     |
| 65            |                                            |                                 | 0.6 |   |            |              |                        |     |
| 70            |                                            |                                 | 0.4 |   |            |              |                        |     |
| 75            |                                            |                                 | 0.7 |   |            |              |                        |     |
| 80            |                                            |                                 | 0.5 |   |            |              |                        |     |
| 85            |                                            |                                 | 0.7 |   |            |              |                        |     |
| 90            |                                            |                                 | 0.8 |   |            |              |                        |     |
| 95            |                                            |                                 | 0.7 |   |            |              |                        |     |
| 300           |                                            |                                 | 0.5 |   |            |              |                        |     |
| 5             |                                            |                                 | 0.5 |   |            |              |                        |     |
| 10            |                                            |                                 | 0.7 |   |            |              |                        |     |
| 15            |                                            |                                 | 1.0 |   | 1.2        |              | 8                      | 315 |
| 20            |                                            |                                 | 0.9 |   |            |              |                        |     |
| 25            |                                            |                                 | 0.6 |   |            |              |                        |     |
| 30            |                                            |                                 | 0.5 |   |            |              |                        |     |
| 35            |                                            |                                 | 0.3 |   |            |              |                        |     |
| 40            |                                            |                                 | 0.2 |   |            |              |                        |     |
| 45            |                                            |                                 | 0.2 |   |            |              |                        |     |
| 50            |                                            |                                 | 0.3 |   |            |              |                        |     |
| 55            |                                            |                                 | 0.7 |   |            |              |                        |     |
| 60            |                                            |                                 | 0.6 |   |            |              |                        |     |
| 65            |                                            |                                 | 0.5 |   |            |              |                        |     |
| 70            |                                            |                                 | 0.5 |   |            |              |                        |     |
| 75            |                                            |                                 | 0.4 |   |            |              |                        |     |
| 80            |                                            |                                 | 0.5 |   |            |              |                        |     |
| 85            |                                            |                                 | 0.5 |   |            |              |                        |     |
| 90            |                                            |                                 | 0.6 |   |            |              |                        |     |
| 95            |                                            |                                 | 0.6 |   |            |              |                        |     |
| 400           |                                            |                                 | 0.8 |   |            |              |                        |     |
| 5             |                                            |                                 | 0.7 |   |            |              |                        |     |
| 10            |                                            |                                 | 1.0 |   | 1.4        |              | 7                      | 410 |

GROUNDBED RESISTANCE: (1) VOLTS \_\_\_\_\_ + AMPS \_\_\_\_\_ = \_\_\_\_\_ OHMS

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

## WELL TYPE GROUND BED DATA

DATA SHEET NO. \_\_\_\_\_

34657 20F2

COMPANY NWPL JOB No. 85-504 DATE: 10-23-85

WELL: ROSA #994 PIPELINE: \_\_\_\_\_

LOCATION: SEC. 26 TWP. 31N RGE. 6W CO. RIO ARriba STATE NM

ELEV. \_\_\_\_\_ FT: ROTARY 500 FT: CABLE TOOL 0 FT: CASING 0 F

GROUND BED: DEPTH 500 FT. DIA. 6 3/4 IN. GAB 6400 LBS. ANODES 10 TYPE D

[illegible]

GROUNDING RESISTANCE: (1) VOLTS \_\_\_\_\_ + AMPS \_\_\_\_\_ = \_\_\_\_\_ OHMS

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