

**Ground Bed Drilling Log**

30-045-53804

Company: **Williams Production Co.**Well: **Rosa Unit 235A**

Date: 8/24/07

Location: Sec. 9 T31N R6W

Duel Well:

State: NM

Ground Bed Depth: 500'

Diameter: 6 3/4"

Indicate Water Zone Depth: 160' 1 GPM

Isolation Plugs Set: NO

If So Where:

Coke:

Type: Loresco SWS

Total Weight: 2000 lbs.

Anodes:

Type: Silicon Iron Type D

Weight: 45 lbs.

Power Source: Battery

Volts: 12.7

Amps: 13.8

Resistance: 0.902

| Depth<br>Ft | Drilling Log | Logged | Anodes Log<br>Coked | Depth | Remarks |
|-------------|--------------|--------|---------------------|-------|---------|
| 0-20'       | 8" PVC       |        |                     |       |         |
| 20'-100'    | Sand Stone   |        |                     |       |         |
| 100'-240'   | Sandy Shale  |        |                     |       |         |
| 240'-360'   | Shale        |        |                     |       |         |
| 360'        | "            | 1.9    | 3.8                 | 360'  | #10     |
| 370'        | "            | 1.8    | 3.6                 | 370'  | #9      |
| 380'        | "            | 1.7    | 3.5                 | 380'  | #8      |
| 390'        | "            | 2.0    | 3.9                 | 390'  | #7      |
| 400'        | "            | 1.8    | 3.5                 | 400'  | #6      |
| 410'        | "            | 1.7    | 3.3                 | 410'  | #5      |
| 420'        | Sandy Shale  | 1.5    | 2.9                 | 420'  | #4      |
| 430'        | "            | 1.6    | 3.2                 | 430'  | #3      |
| 440'        | "            | 1.4    | 2.8                 | 440'  | #2      |
| 450'        | "            | 0.9    | 1.9                 | 450'  | #1      |
| 460'        | "            | 0.7    |                     |       |         |
| 470'        | Sand Stone   | 0.4    |                     |       |         |
| 490'        | "            | 0.2    |                     |       |         |
| 500'        | "            | 0.5    |                     |       |         |