

|                                                       |                                   |                                             |                                |
|-------------------------------------------------------|-----------------------------------|---------------------------------------------|--------------------------------|
| <b>Southwest<br/>Surveys</b>                          |                                   | TEMPERATURE - CCL                           |                                |
| FILING NO.                                            |                                   | COMPANY <u>W.D. MARTIN &amp; ASSOCIATES</u> |                                |
| WELL <u>MARTIN - WHITTAKER # 57</u>                   |                                   | FIELD <u>WILD CAT</u>                       |                                |
| COUNTY <u>RIO ARriba</u>                              |                                   | STATE <u>NEW MEXICO</u>                     |                                |
| LOCATION: <u>970' FNL &amp; 1850' FWL</u>             |                                   | OTHER SERVICES:<br><u>THANK YOU</u>         |                                |
| SEC. <u>5</u> T. <u>23</u> N. R. <u>5</u> W.          |                                   |                                             |                                |
| PERMANENT DATUM <u>K.B.</u> ELEV. <u>6587</u>         |                                   | ELEV. <u>K.B. 6599</u>                      |                                |
| LOG MEASURED FROM <u>K.B.</u> 12 FT ABOVE PERM. DATUM |                                   | D.F. <u>6598</u>                            |                                |
| DRILLING MEASURED FROM <u>K.B.</u>                    |                                   | C.L. <u>6587</u>                            |                                |
| DATE <u>9-8-84</u>                                    | IN HOLE 20-00'                    |                                             |                                |
| RUN NO. <u>ONE</u>                                    | CEMENT TOP                        | EST. TOP 1400'                              |                                |
| TYPE LOG <u>4420</u>                                  |                                   |                                             |                                |
| DEPTH - DRILLER <u>2722</u>                           |                                   |                                             |                                |
| DEPTH - LOGGER <u>1400</u>                            |                                   |                                             |                                |
| BOTTOM LOGGED INTERVAL <u>300</u>                     |                                   |                                             |                                |
| TOP LOGGED INTERVAL <u>WATER</u>                      |                                   |                                             |                                |
| TYPE FLUID IN HOLE                                    |                                   |                                             |                                |
| SALINITY PPM CL.                                      |                                   |                                             |                                |
| DENSITY                                               |                                   |                                             |                                |
| LEVEL                                                 |                                   |                                             |                                |
| MAX REC. TEMP. DEG F <u>97.5</u>                      |                                   |                                             |                                |
| OPERATING HRS TIME                                    |                                   |                                             |                                |
| RECORDED BY <u>PEARSON</u>                            |                                   |                                             |                                |
| WITNESSED BY <u>M.R. BATES</u>                        |                                   |                                             |                                |
| RECEIVED<br>SEP 12 1984<br>OIL CON. DIST.             |                                   |                                             |                                |
| BORE-HOLE RECORD                                      |                                   | CASING RECORD                               |                                |
| RUN NO. <u>ONE</u>                                    | BIT FROM <u>285</u> TO <u>285</u> | SIZE <u>9 5/8</u>                           | WGT. <u>36</u>                 |
| NO. <u>12</u>                                         | FROM <u>285</u> TO <u>4420</u>    | WGT. <u>7</u>                               | FROM <u>285</u> TO <u>4420</u> |
| NO. <u>3</u>                                          |                                   |                                             |                                |
| NO. <u>4</u>                                          |                                   |                                             |                                |

|                |  |         |  |                                            |  |  |  |
|----------------|--|---------|--|--------------------------------------------|--|--|--|
| FOLD HERE      |  |         |  | THIS HEAD NG AND LOG CONFORMS TO API RP 33 |  |  |  |
| EQUIPMENT DATA |  |         |  |                                            |  |  |  |
| RUN NO.        |  | ONE     |  | RUN NO.                                    |  |  |  |
| TOOL MODEL NO. |  | GO-63   |  | LOG TYPE                                   |  |  |  |
| DIAMETER       |  | 1 7/16" |  | TOOL MODEL NO.                             |  |  |  |

