

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



## MICROLOGGING®

|                                                                                                                                       |                                 |                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------|
| COUNTY <u>Lea</u><br>FIELD or<br>LOCATION <u>King Devonion</u><br>WELL <u>J.R. Reed # 2</u><br>COMPANY <u>Cabot Carbon</u><br>COMPANY | COMPANY <u>CABOT CARBON</u>     | Other Surveys<br><u>ES-GR</u>                                                  |
|                                                                                                                                       | COMPANY _____                   | Location of Well<br><u>860' f N&amp;E/L</u><br><u>Ex 5</u><br><u>Case 1587</u> |
|                                                                                                                                       | WELL <u>J. R. REED # 2</u>      | Elevation: D.F.: <u>3858</u><br>K.B.: <u>3859.5</u><br>or G.L.: <u>3845.5</u>  |
|                                                                                                                                       | FIELD <u>KING DEVONION</u>      | FILING No. _____                                                               |
|                                                                                                                                       | LOCATION <u>SEC. 35 16S 37E</u> |                                                                                |
|                                                                                                                                       | COUNTY <u>LEA</u>               |                                                                                |
|                                                                                                                                       | STATE <u>NEW MEXICO</u>         |                                                                                |

  

|                |                       |                  |                  |                  |                  |
|----------------|-----------------------|------------------|------------------|------------------|------------------|
| RUN No.        |                       |                  |                  |                  |                  |
| Date           | <u>11-14-56</u>       |                  |                  |                  |                  |
| First Reading  | <u>1248</u>           |                  |                  |                  |                  |
| Last Reading   | <u>9250</u>           |                  |                  |                  |                  |
| Feet Measured  | <u>258</u>            |                  |                  |                  |                  |
| Depth Reached  | <u>12484</u>          |                  |                  |                  |                  |
| Bottom Driller | <u>12590</u>          |                  |                  |                  |                  |
| Depth Datum    | <u>KB 14' Abv. GL</u> |                  |                  |                  |                  |
| Mud Nat.       | <u>Chemical</u>       |                  |                  |                  |                  |
| Dens.          | <u>8.9</u>            | <u>63</u>        |                  |                  |                  |
| Visc.          | <u>8.9</u>            | <u>63</u>        |                  |                  |                  |
| Mud Resist.    | <u>1.1 @ 67 F</u>     | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       |
| " Res. BHT     | <u>.46 @ 169 F</u>    | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       |
| " pH           | <u>10.5 @ F</u>       | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       |
| " Wtr. Loss    | <u>5.4 CC 30 min</u>  | <u>CC 30 min</u> | <u>CC 30 min</u> | <u>CC 30 min</u> | <u>CC 30 min</u> |
| " Rmf          | <u>.23 @ 169 F</u>    | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       |
| " Rmc          | <u>.50 @ 169 F</u>    | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       | <u>@ F</u>       |
| Mud Log: Rm    |                       |                  |                  |                  |                  |
| Limit          |                       |                  |                  |                  |                  |
| Depth          |                       |                  |                  |                  |                  |
| Bit Size       | <u>7 7/8"</u>         |                  |                  |                  |                  |
| Sonde Type     | <u>WRS-P</u>          |                  |                  |                  |                  |
| Pad Type       | <u>H-PAD</u>          |                  |                  |                  |                  |
| Opr. Rig Time  | <u>3 Hrs.</u>         |                  |                  |                  |                  |
| Truck No.      | <u>1760-Hobbs</u>     |                  |                  |                  |                  |
| Recorded By    | <u>Maxwell</u>        |                  |                  |                  |                  |
| Witness        | <u>Wood</u>           |                  |                  |                  |                  |