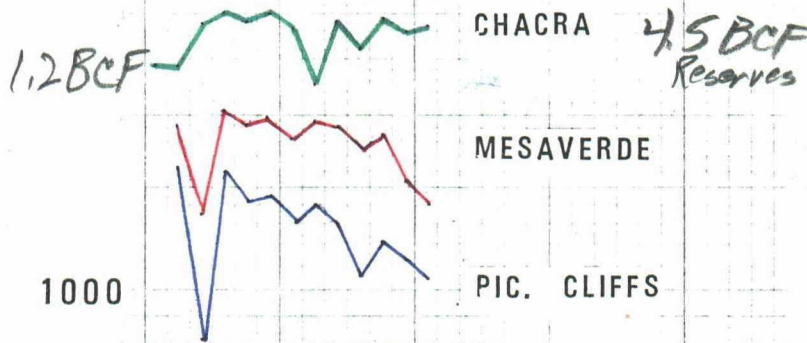


BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
Case No. 5821 Exhibit No. 4  
Submitted by MESA  
Hearing Date 3-23-77



| SCHLUMBERGER WELL SURVEYING CORPORATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                     |  |                             |  |                                                                               |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|--|-----------------------------|--|-------------------------------------------------------------------------------|--|--|--|
| COUNTY <u>RIO ARRIBA, N.M.</u><br>FIELD <u>NE BLANCO</u><br>LOCATION <u>NE BLANCO UNIT</u><br>WELL <u>134-19</u><br>COMPANY <u>BLACKWOOD &amp; NICHOLS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | COMPANY <u>BLACKWOOD &amp;</u>                                                                                      |  | Location of Well            |  | PANEL INS. TAP FOR CAL<br>CALV INCREASE DIVISIONS<br>400<br>100<br>100<br>208 |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | NICHOLS                                                                                                             |  | 990' FR S/L                 |  |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | WELL <u>NE BLANCO UNIT</u>                                                                                          |  | 800' FR W/L                 |  |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | 134-19                                                                                                              |  | SEC. 19-30N-7W              |  |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | FIELD <u>NE BLANCO</u>                                                                                              |  | ( GRN TEMP)                 |  |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | LOCATION <u>SEC. 19-30N-7W</u>                                                                                      |  | Elevation D.P. <u>6374'</u> |  |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                     |  | K.B. <u>6375'</u>           |  |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | COUNTY <u>RIO ARRIBA</u>                                                                                            |  | or G.A.:                    |  |                                                                               |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | STATE <u>NEW MEXICO</u>                                                                                             |  | FILING No.                  |  |                                                                               |  |  |  |
| RUN NO. <u>ONE</u><br>Date <u>8-31-57</u><br>Depth Reference <u>23</u><br>First Reading <u>24.25</u><br>Last Reading <u>25.0</u><br>Footage Measured <u>55.43</u><br>Max. Depth Reached <u>56.29</u><br>Bottom Quality <u>57.25</u><br>Mud Nature <u>DRY GAS DRILLED</u><br>Density <u>--</u><br>Viscosity <u>--</u><br>Resistivity <u>--</u> <u>9</u> <u>F</u><br>Casing Size & <u>1</u> <u>7 5/8"</u> to <u>2545'</u><br>Weight <u>2</u> to <u>10</u><br>Open Hole <u>1</u> <u>6 3/4"</u> to <u>10</u><br>Fluid Level <u>2</u> to <u>10</u><br>Recording Speed (ft/hr) <u>3000</u><br>Sensitivity (pp) <u>100</u> <u>N</u> <u>500</u> <u>GR</u> <u>N</u><br>Time Constant <u>---</u><br>Panel <u>618-C-302</u><br>Opr. Rig Time <u>3 1/2 HRS</u><br>Sonda Size & Type <u>SNM 4</u><br>Track No. <u>173FARM</u><br>Observer <u>EVITT</u> |  |                                                                                                                     |  |                             |  |                                                                               |  |  |  |
| DEPTH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | GAMMA RAY<br>MICROGRAMS RA-EG TON<br>NEUTRON<br>STANDARD COUNTS/SECOND<br>NEUTRON ZERO<br>DIV. TO LEFT OF THIS LINE |  |                             |  |                                                                               |  |  |  |
| 2" 100'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | GAMMA RAY ZERO 4 DIV. TO LEFT<br>OF THIS LINE                                                                       |  |                             |  |                                                                               |  |  |  |

ILLEGIBLE