

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



## Sonic Log

|  |                                  |  |
|--|----------------------------------|--|
| COUNTY <u>SAN JUAN, NEW MEX.</u><br>FIELD or LOCATION <u>HORSESHOE GALLUP</u><br>WELL <u>NAVAJO # 29</u><br>COMPANY <u>ATLANTIC REFINING COMPANY</u> | COMPANY <u>ATLANTIC REFINING</u> | Other Surveys<br><u>NONE</u>   |
|  | COMPANY                          |  |
|  | WELL <u>NAVAJO # 29</u>          | Location of Well<br>1724' FR N/L<br>2067' FR W/L<br>SEC. 31-31N-16W<br><i>Att.</i><br><i>EX 7 B.</i> |
|  | FIELD <u>HORSESHOE GALLUP</u>    |  |
|  | LOCATION <u>SEC. 31-31N-16W</u>  |  |
|  | COUNTY <u>SAN JUAN</u>           | Elevation: K.B.: <u>5561</u>   |
|  | STATE <u>NEW MEXICO</u>          | D.F.:<br>or G.L.: <u>5554</u>  |

Log Depths Measured From KB 7 Ft. above GL

|                |            |           |           |
|----------------|------------|-----------|-----------|
| RUN No.        | ONE        |           |           |
| Date           | 2-10-59    |           |           |
| First Reading  | 1366       |           |           |
| Last Reading   | 1000       |           |           |
| Feet Measured  | 366        |           |           |
| Csg. Schlum.   | --         |           |           |
| Csg. Driller   | 100        |           |           |
| Depth Reached  | 1370       |           |           |
| Bottom Driller | 1370       |           |           |
| Mud Nat.       | GEL        |           |           |
| Dens.          | 8.9        | 39        |           |
| Visc.          | 1.6        | @ 72 °F   | @ °F      |
| Mud Resist.    | 1.4        | @ 84 °F   | @ °F      |
| " Res. BHT     | --         | @ °F      | @ °F      |
| " pH           | --         | @ °F      | @ °F      |
| " Wtr. Loss    | --         | CC 30 min | CC 30 min |
| " Rmf          | 1.3        | @ 84 °F   | @ °F      |
| Bit Size       | 7 7/8"     |           |           |
| Span:          |            |           |           |
| 3'             | 1000 To ID | To        | To        |
| 1'             | 1000 To TD | To        | To        |
| Opr. Rig Time  | 1 HR.      |           |           |
| Truck No.      | 1559 FARM. |           |           |
| Recorded By    | DILLI      |           |           |
| Witness        | MR. SHEETS |           |           |

BEFORE THE  
OIL & GAS DIVISION COMMISSION  
SANTA FE, NEW MEXICO  
CASE 96 EXHIBIT No. 73