B. & R. **SERVICE COMPANY** TEMPERATURE SURVEY COMPANY EL PASO NATURAL GAS COMPANY WELL ABRAHAM 3 FIELD COUNTY RIO ARRIBA STATE NEW MEXICO SEC. 13 TWP. 30 N RGE. APPROX. TOP CEMENT 2970 4644 2500 Survey Begins at Ft. Ends at Ft. 147° @ 4644 64% Approx. Fill-Up Max. Temp. 1 Log Measured From R.T. Run No. Casing Depth Casing Size Diam of Hole Depth to 5474 63 n 5 2 " from from to from from to Time 11:15 A.M. JULY 8, 1957 Date of Cementing JULY 9, 1957 Time 10:00 A.M. Date of Survey Amount of Cement 300 SACKS REGULAR Type Amount of Admix Type HYATT Witnessed by HOWISON Recorded by REMARKS OR OTHER DATA TEMPERATURE IN DEGREES FAHRENHEIT 20° 40° 1000 2500 60° 800 2600 2700 2800 2900 ANOMALY 2970 3000 3100___ 3200 3300 3400 3500 3600 3700 ___3800_ 3900 [-] 4000 4100 4200 4300 4400

4500

4600

4700

T.D. SURVEYED 4644