

A Gyro Data Directional Survey

for

E.O.G. RESOURCES

WELL: JAMES RANCH UNIT #27

Location: MCVAY #7/EDDY COUNTY, NEW MEXICO

SEPCO - WTD PRODUCTION

SEP 22 2000

RECEIVED

Job Number: M0700GDM195

Run Date: 18-Jul-00 13:17:18

Surveyor: LYNN DUNCAN

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.000000 deg. N

COPY

Azimuth Correction:

Rate-Gyro: Bearings are Relative to True North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Local Horizontal Reference