

A Gyrodata Directional Survey

for

DEVON ENERGY

Well: PECOS "32L" FEE GAS COM NO. 2, 3-1/2" DRILLPIPE

Location: PATTERSON #5, EDDY COUNTY, NEW MEXICO

Job Number: MD0200GMO125

Run Date: 2/21/00 2:15:37 AM

Surveyor: Frank Pawlik

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.450000 deg. N

Azimuth Correction:

Gyro: Bearings are Relative to True North

Proposed Well Direction: 146.820 deg

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Local Horizontal Reference