



Southland Royalty Company

December 21, 1978

Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Gentlemen:

The following is the deviation record for Southland Royalty Company's Arizona Jicarilla "A" #5 well located in section 13, T25N, R4W, Rio Arriba County, New Mexico.

Dev. 1/4° at 200'
Dev. 1/4° at 510'
Dev. 1/2° at 1589'
Dev. 3/4° at 1717'
Dev. 1° at 2405'
Dev. 1-3/4° at 3158'

Dev. 2° at 3847'
Dev. 2° at 3910'
Dev. 1-3/4° at 4553'
Dev. 2-1/2° at 5168'
Dev. 3° at 5515'

Yours truly,

L. O. Van Ryan
District Production Manager

LOVR/dg

SEAL

STATE OF NEW MEXICO
COUNTY OF SAN JUAN

The foregoing instrument was acknowledged before me this 21st day December, 1978, by L. O. Van Ryan of Southland Royalty Company, on behalf of said company.

NOTARY BOND FILED WITH SECRETARY
OF STATE
MY COMMISSION EXPIRES: 11-20-82

DONNA F. GATTIS
NOTARY PUBLIC-NEW MEXICO