



Southland Royalty Company

May 29, 1981

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

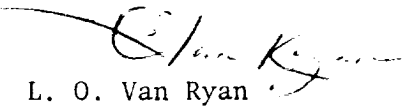
Gentlemen:

The following is the deviation record for Southland Royalty Company's Mangum #4-E well located in Section 28, T29N, R11W, San Juan County, New Mexico.

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
250'	1/2°	4240'	2-3/4°
1692'	3/4°	4738'	2-1/2°
2283'	3/4°	5230'	2°
2657'	1°	5730'	2-1/2°
3151'	1°	6100'	2-3/4°
3650'	1-1/4°	6385'	2-3/4°
4121'	1-1/2°		

Sincerely,

SOUTHLAND ROYALTY COMPANY

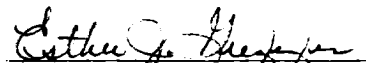

L. O. Van Ryan
District Production Manager

LOVR/eg



STATE OF NEW MEXICO
County of San Juan

The foregoing instrument was acknowledged before me this 29th day of May 1981, by L. O. Van Ryan of Southland Royalty Company on behalf of said Company.
NOTARY BOND FILED WITH SECRETARY OF STATE
My Commission Expires: 4-27-85


Esther J. Greeyes
Notary Public - NM

