

BLACKWOOD & NICHOLS Co., LTD.

P. O. BOX 1237

DURANGO, COLORADO 81301

(303) 247-0728

December 11, 1980

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

Re: Northeast Blanco Unit No. 47A
F-32-31N-7W
San Juan County, New Mexico

Gentlemen:

This is to certify the following deviation tests were run while drilling
the above well:

0°	@	235'	3/4°	@	2623'
1 1/4°	@	799'	3/4°	@	3550'
1 1/2°	@	998'	2 1/4°	@	4020'
3/4°	@	1560'	3°	@	4929'
1/2°	@	2019'	1 3/4°	@	5529'
			1°	@	5929'

Very truly yours,

BLACKWOOD & NICHOLS CO., LTD.

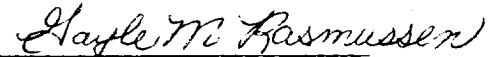

DeLasso Loos
District Manager



DL:st

County of: La Plata

Signature



State of: Colorado

Gayle M. Rasmussen

Notary Public

December 11, 1980

Date