

BLACKWOOD & NICHOLS CO., LTD.

P.O. BOX 1237

DURANGO, COLORADO 81302-1237

(303) 247-0728

November 15, 1989

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

Re: Northeast Blanco Unit No. 449
N-19-31N-7W
San Juan County, New Mexico

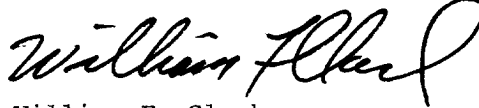
Gentlemen:

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

330' - 1/2°
848' - 1/4°
1345' - 3/4°
1840' - 1/4°
2340' - 1°
2839' - 1°
2940' - 3/4°

Very truly yours,

BLACKWOOD & NICHOLS CO., LTD.



William F. Clark
Operations Manager

WFC:ew

County of: La Plata

Signature: Edna A. Wageman

State of: Colorado

Edna A. Wageman

Notary Public

Commission Expires 3-5-93

November 15, 1989

Date

RECEIVED
NOV 17 1989
OIL CON. DIST