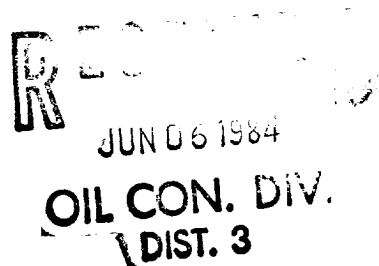


CLAUDE C. KENNEDY  
INDEPENDENT OIL AND GAS OPERATOR

May 24, 1984

Mr. Frank Chavez  
NMOCD  
1000 Rio Brazos Road  
Aztec, New Mexico 87410

Re: James L. Ludwick  
3-17 Indian  
1650'FNL, 530'FWL  
Sec. 17, T19N, R5W  
McKinley County, New Mexico

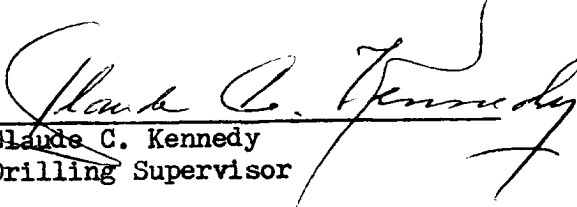


Dear Mr. Chavez:

This is to certify that deviation tests as follows were taken during drilling of the subject well as reported to me by the drilling contractor.

1 $\frac{1}{2}$  degree @ 203  
1 " @ 700  
3/4 " @1252  
1 " @1710  
1 $\frac{1}{4}$  " @2105  
TD-2105

Very truly yours,

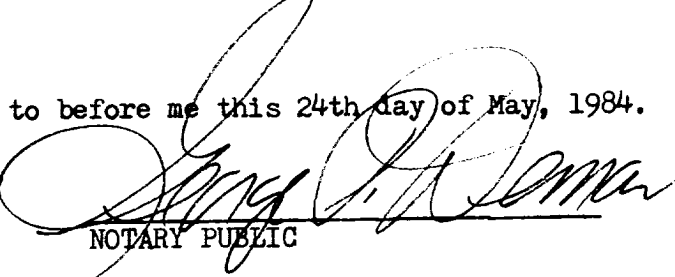
  
Claude C. Kennedy  
Drilling Supervisor

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO )

The foregoing was sworn to before me this 24th day of May, 1984.

MY COMMISSION EXPIRES:

1/17/86

  
NOTARY PUBLIC