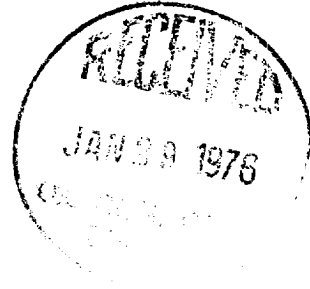


HORSESHOE GALLUP UNIT, Well No. 288
Unit "A" - 200' f/North & 200' f/East lines
Section 25-31N-17W
San Juan County, New Mexico

DEVIATION TESTS

1/2° @ 92'
1/2° @ 138'
3/4° @ 660'
1° @ 1030'
1-1/4° @ 1331'
3/4° @ 1610'



AFFIDAVIT

This is to certify that to the best of my knowledge the above tabulation details the deviation tests taken on Atlantic Richfield Company's Horseshoe Gallup Unit, Well No. 288, located 200' from the North line and 200' from the East line of Section 25-31N-17W, Horseshoe Gallup Field, San Juan County, New Mexico.

M. E. Brown
M. E. Brown

State of Colorado)
) SS
County of Denver)

Before me, the undersigned authority, on this day personally appeared M. E. Brown, known to me to be the Operations Information, Assistant for Atlantic Richfield Company, and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein, and that said statement is true and correct.

Subscribed and sworn to before me, a Notary Public, in and for said County and State this 27th day of January, 1976.

Therese L. Wilson
Notary Public

My Commission Expires: 10-9-77