

December 22, 1987

New Mexico Oil Conservation Commission
1000 Rio Brazos Rd.
Aztec, NM 87410

RE: JEROME P. McHUGH
Carracas Unit 34A #5
E-34, T32N, R5W
Rio Arriba County, N.M.

Gentlemen:

I hereby certify that deviation surveys were run on the captioned well as follows:

1/2 at 157'	2 at 3400'	1 at 6466'
1-1/4 at 367'	1-3/4 at 3488'	1 at 6713'
1-3/4 at 839'	1-1/2 at 3677'	1-3/4 at 6956'
1 at 956'	1/2 at 3938'	2 at 7110'
1 at 1112'	1/4 at 4432'	2-1/4 at 7172'
3/4 at 1682'	1/4 at 4931'	1 at 7234'
1 at 2171'	1/4 at 5184'	1 at 7366'
1 at 2671'	3/4 at 5684'	1-1/4 at 7575'
2 at 3205'	1/2 at 6277'	1-1/4 at 8160'

Sincerely,

James S. Hazen
Field Supt.

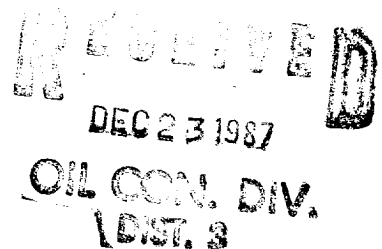
State of New Mexico)
County of San Juan) ss

Subscribed and sworn to before me this 22 day of December, 1987.



OFFICIAL SEAL
FRANCES PERRIN
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires _____

Frances Perrin
Notary Public



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