

January 11, 1989

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

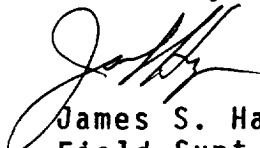
RE: JEROME P. McHUGH
Carracas Unit 34 A #5
Sec. 34, T32N, R5W
Rio Arriba County, NM

Gentlemen:

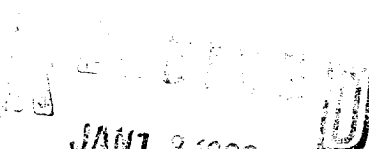
I hereby certify that deviation surveys were run on the captioned well as follows:

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

Sincerely,


James S. Hazen
Field Supt.

cm


JAN 13 1989
OIL CON. DIV.
DIST. 3

State of New Mexico }
County of San Juan } ss

Subscribed and sworn to before me this 11th day of Jan, 1989.


Notary Public

Main Office
Jerome P. McHugh & Associates
Operating Affiliate: Nassau Resources, Inc.
650 South Cherry, Suite 1225
Denver, Colorado 80222
(303) 321-2111



OFFICIAL SEAL
FRANCES PERRIN
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 5-2-89