

# dugan production corp.

October 5, 1983

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

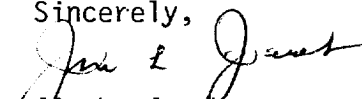
RE: Jerome P. McHugh  
Mother Lode #1  
NE/4 Sec. 3, T24N R2W, NMPM  
Rio Arriba County, NM

Gentlemen:

This is to certify that deviation tests were run on the captioned well and the following is a true report of those tests:

1° at 505'	2 at 2355	3/4 at 4410
1-1/2 at 769	1-3/4 at 2527	3/4 at 4648
2-1/2 at 1290	2 at 2677	1/4 at 5157
3 at 1440	2 at 2835	1/2 at 5620
2-3/4 at 1580	2 at 3071	3/4 at 6151
2-1/4 at 1739	2 at 3197	1 at 6619
2-1/4 at 1833	2-1/4 at 3347	1-1/4 at 7129
1-3/4 at 1986	2-1/2 at 3478	3/4 at 7421
1-3/4 at 2076	1-3/4 at 3676	1/2 at 7895
1-3/4 at 2200	1-3/4 at 3840	1-1/2 at 8250
	1-3/4 at 3942	

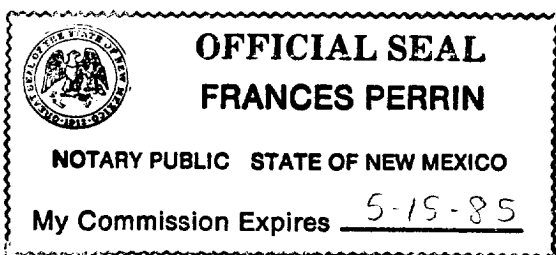
Sincerely,

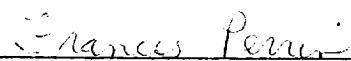
  
Jim L. Jacobs  
Geologist

State of New Mexico)  
County of San Juan ) ss

Subscribed and sworn to before me this 3rd day of October, 1983.

DIST. 9



  
Notary Public