

dugan production corp.

October 3, 1983

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

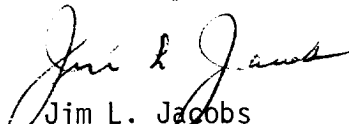
RE: Jerome P. McHugh E.T. #1
NW/4 Sec. 28 T25N R2W
Rio Arriba County, NM

Gentlemen:

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

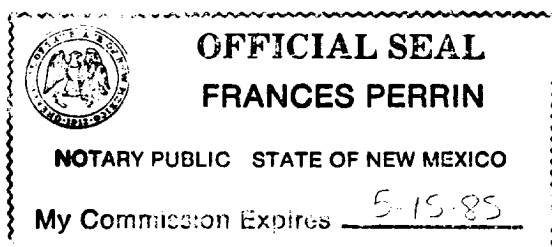
3/4° at 185'	2-1/2 at 2449	1-3/4 at 3522
3 at 1486	2 at 2457	1-1/4 at 3646
2-3/4 at 1580	2 at 2602	1 at 3767
2-3/4 at 1644	1-1/2 at 2675	1 at 3980
1 at 1711	1-1/4 at 2802	1-1/2 at 4439
2-1/4 at 1736	1-3/4 at 2926	1 at 4917
1-1/4 at 1803	2-1/2 at 3050	3/4 at 5481
2 at 1859	2-3/4 at 3140	1/2 at 5988
1 at 1959	3 at 3230	1/2 at 6479
2 at 1979	2 at 3429	1 at 6887
2-3/4 at 2201		1 at 7387
1-1/4 at 2237		

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.




Notary Public