

dugan production corp.

September 11, 1980

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

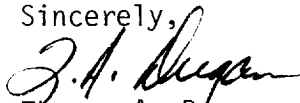
Re: Jerome P. McHugh
Jicarilla #4E
1100' FSL - 1100' FEL
Sec. 31 T26N R4W
Rio Arriba County, NM
Elevation: 6783' G.L.

Gentlemen:

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

1/2 ⁰ @ 662'	1 ⁰ @ 4210'	3/4 ⁰ @ 5757'
1/2 ⁰ @ 1158'	3/4 ⁰ @ 4315'	1 ⁰ @ 6247'
1/2 ⁰ @ 1660'	3/4 ⁰ @ 4814'	3/4 ⁰ @ 6642'
1/2 ⁰ @ 2260'	3/4 ⁰ @ 5337'	1 ⁰ @ 7142'
		1 ⁰ @ 7380'

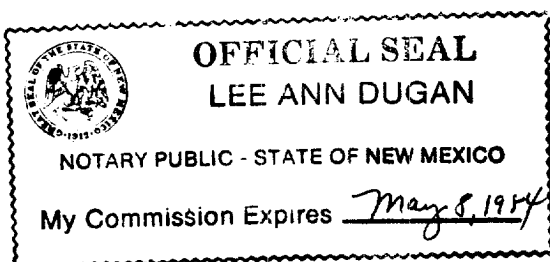
Sincerely,

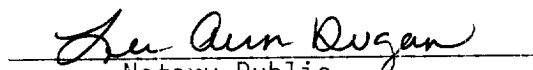

Thomas A. Dugan
Agent

fp

State of New Mexico)
County of San Juan)ss

Subscribed and sworn to before me this 11 day of September, 1980.




Notary Public