

dugan production corp.

June 27, 1984



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

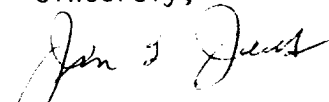
Re: Jerome P. McHugh
Full Sail #1
980' FSL - 1730' FEL
Sec. 29 T25N R2W, NMPM
Rio Arriba County, NM

Gentlemen:

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

1/4 ⁰ at 222'	3/4 ⁰ at 1058'	2 ⁰ at 2271'	3/4 ⁰ at 4340'
1/2 ⁰ at 405'	3/4 ⁰ at 1183'	2 ⁰ at 2491'	1-1/2 ⁰ at 4864'
1 ⁰ at 600'	1-1/2 ⁰ at 1306'	1-1/4 ⁰ at 2709'	3/4 ⁰ at 5146'
1-1/4 ⁰ at 650'	1-1/2 ⁰ at 1440'	1-1/4 ⁰ at 2812'	1 ⁰ at 5637'
2 ⁰ at 715'	1 ⁰ at 1560'	1 ⁰ at 2920'	1/2 ⁰ at 6136'
1-3/4 ⁰ at 777'	1/2 ⁰ at 1690'	1 ⁰ at 3114'	1 ⁰ at 6667'
1-1/2 ⁰ at 840'	1-3/4 ⁰ at 1899'	2 ⁰ at 3330'	1 ⁰ at 7167'
1-1/2 ⁰ at 907'	2 ⁰ at 1922'	1-3/4 ⁰ at 3523'	1 ⁰ at 7680'
1 ⁰ at 964'	2 ⁰ at 2084'	1-1/2 ⁰ at 3805'	3/4 ⁰ at 8113'

Sincerely,


Jim L. Jacobs

State of New Mexico) ss
County of San Juan)

Subscribed and sworn to before me this 27th day of June, 1984.

