

# dugan production corp.

October 11, 1988

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

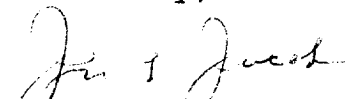
Re: **Dugan Production Corp.**  
Champ #4  
1740' FNL & 2235' FEL  
Sec. 5, T23N, R10W, NMPM  
San Juan County, NM

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° @ 185'	1-1/2° @ 2419'
1° @ 685'	1° @ 2895'
1° @ 1185'	1° @ 3395'
1-1/4° @ 1634'	1-1/2° @ 3891'
1-1/4° @ 2260'	1-1/2° @ 4381'
	3/4° @ 4715'

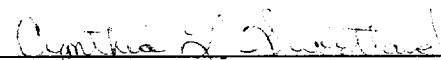
Sincerely,

  
Jim L. Jacobs

cg

State of New Mexico)  
ss  
County of San Juan)

Subscribed and sworn to before me this 11th day of October, 1988.

  
Notary Public

My Commission Expires: 8/11/92