

# dugan production corp.

August 7, 1980

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

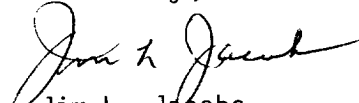
Re: Pioneer Production Corp.  
Redfern #4E  
1850' FSL - 810' FWL  
Sec 16 T28N R11W  
San Juan County, NM

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° @ 600'	1-1/4° @ 3302'	1° @ 5821'
1° @ 1116'	1-1/4° @ 3795'	
1° @ 1610'	1° @ 4318'	
1-1/2° @ 2220'	1-1/4° @ 4692'	
1-1/4° @ 2712'	1° @ 5348'	

Sincerely,

  
Jim L. Jacobs  
Agent



State of New Mexico)  
County of San Juan ) ss

Subscribed and sworn to before me this 7 day of August 1980.





OFFICIAL SEAL  
LEE ANN DUGAN

NOTARY PUBLIC STATE OF NEW MEXICO

My Commission Expires May 8th 1984