

dugan production corp.

December 19, 2002

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

**Re: Dugan Production Corp.**  
*State Com #90S*  
*API #30 045 31270*  
*Unit E, Sec. 16, T32N, R12W*  
*San Juan County, NM*

Ladies/Gentlemen:

Below are the deviations reported by the drilling contractor for the subject well:

1/4° @ 60'	1-1/2° @ 454'	2-3/4° @ 976'	8° @ 1478'
1/2° @ 124'	1-1/4° @ 545'	3-1/4° @ 1100'	7-1/2° @ 1541'
1° @ 187'	1-1/2° @ 636'	3-1/4° @ 1200'	8° @ 1603'
1° @ 270'	2-1/4° @ 724'	3-3/4° @ 1297'	7-1/2° @ 1695'
1° @ 360'	2-1/4° @ 881'	6° @ 1392'	

Sincerely,


  
John Alexander  
Vice-President

JA/tmf

State of New Mexico) ss  
County of San Juan )

Subscribed and sworn to before me this 11th day of December, 2002.



  
Lois Cunningham  
Notary Public

My Commission Expires: 03/07/03