

# dugan production corp.

November 5, 1981

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



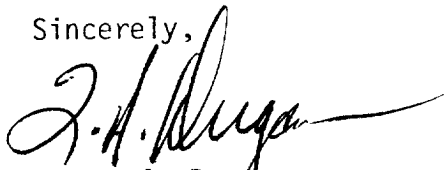
Re: Dugan Production Corp.  
Lava Falls #1  
2310' FSL - 2310' FEL  
Sec 27 T24N R8W  
San Juan County, NM

Gentlemen:

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

1/4° at 779'	1° at 2351'	2° at 3860'
1/4 at 1259	1-1/4 at 2858	2-1/4 at 4549
1/2 at 1757	1-1/4 at 2984	1-3/4 at 4925
3/4 at 1859	1/2 at 3788	

Sincerely,

  
Thomas A. Dugan  
Petroleum Engineer

State of New Mexico)  
County of San Juan ) ss

Subscribed and sworn to before me this 5th day of November 19 81.





OFFICIAL SEAL  
FRANCES PERRIN  
NOTARY PUBLIC - NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires 5-15-85