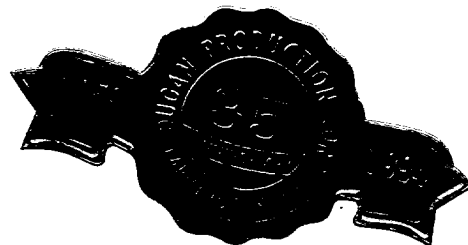


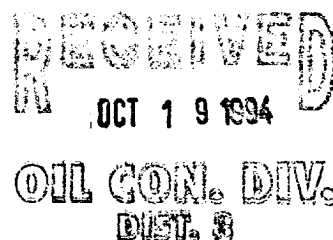
dugan production corp.

October 17, 1994



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

Re: DUGAN PRODUCTION CORP.
Zappa #2
1450' FNL & 1600' FWL (SE/4 NW/4)
Unit F, Sec. 20, T22N, 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:

1/2° @ 500'

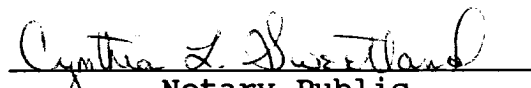
Sincerely,


Jim L. Jacobs

cg

State of New Mexico) ss
County of San Juan)

Subscribed and sworn to before me this 17th day of October, 1994.


Notary Public

My Commission Expires: August 11, 1996.