



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

January 15, 1991

Exxon Company USA  
P.O. Box 1600  
Midland, Texas 79702-1600

Attention: Marsha Wilson 1-915-688-6100

Re: Yates Federal "C" No. 22

Dear Marsha:

Reference is made to your request dated November 28, 1990, to increase the injection interval within the Yates Federal "C" Well No. 22 located in Section 4, Township 21 South, Range 27 East, NMPM, Eddy County, New Mexico, to include the interval from approximately 3250 feet to 3790 feet. It is our understanding that the subject well, approved for disposal by Division Order No. R-8050 is currently injecting into Delaware perforations from approximately 3976 feet to 4306 feet. I have reviewed your application and have found that there is a well located within one-half mile of the subject well which may not be cemented adequately to confine the injected fluid to the injection zone. Your data indicates that the top of cement in the Yates Federal "C" Well No. 19 also located in Section 4, is approximately 3185 feet determined by temperature survey. I don't question the top of cement in this well but I have concerns about the quality of the cement in this interval.

In order to approve the expansion of the injection interval as proposed it will be necessary to run a cement bond log on the Yates Federal "C" Well No. 19. After review of the cement bond log the Division will determine whether or not the cement in this well is adequate to confine the injected fluid to the injection zone. If you have any questions, please contact me at (505) 827-5800.

Sincerely,

*David Catanach*  
David Catanach  
Engineer

xc:OCD-Artesia

RECEIVED

JAN 17 '91

O. C. D.  
ARTESIA OFFICE