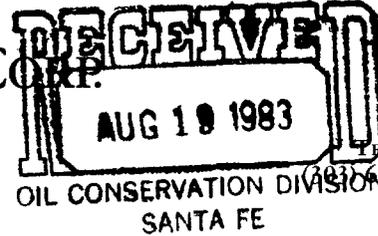




DOME PETROLEUM CORP.

2900 DOME TOWER
1625 BROADWAY
DENVER, COLORADO 80202



TELEPHONE
620-3000

August 16, 1983

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Joe D. Ramey
Secretary Director
New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, NM 87501

Mr. Director:

Dome is here responding to the Energy and Minerals Department letter dated July 18, 1983, regarding surface pressure limitation in the Santa Fe Barbs #1 SWD well.

Dome had experienced a similar problem in its Snake Eyes Entrada Pool. A commission order permitting disposal of produced water into two zones was approved July 1983. Early indications are that this disposal method has allowed Dome to safely dispose of increased volumes of saltwater while increasing oil production to maximum efficient rates as well as reducing surface pressures much below earlier levels.

Dome is hopeful that a permanent solution to the SWD problem at Leggs Entrada Pool will be forthcoming since there is approximately 100 BOPD shut-in due to lack of SWD capacity.

It has been two weeks since the Snake Eyes Entrada SWD work was completed. We are continuing to monitor this work and will formalize a proposal to do likewise in the Santa Fe Barbs #1 well as soon as adequate injection history has been accumulated.

Dome wishes to follow the recommendation put forth in the July 18, 1983 letter until such permanent solution is found. Dome is here applying for administrative permission to dispose of

Page 2
New Mexico Oil Conservation Commission
August 16, 1983

saltwater into the Entrada zone at 1300 psi in the Santa Fe Barbs #1 well as had occurred in the past.

If you have any questions, please call (303) 620-3160.

Sincerely,

DOME PETROLEUM CORP.



L. A. Jenkins
Sr. Reservoir Engineer

LAJ/vp

cc: Charles Gholson, Aztec District Office
H. D. Hollingsworth, Dome, Farmington
Bob Kelley, Dome, Denver



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

August 25, 1983

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

2/3
Dome Petroleum Corporation
2900 Dome Tower
1625 Broadway
Denver, Colorado 80202

Attention: Lubbie A Jenkins, Sr.
Reservoir Engineer

Re: Santa Fe Barbs No. 1
SWD Well- Pressure
Limit Increase

Dear Mr. Jenkins:

Your request for an increase in the maximum surface pressure for the subject well has been reviewed. Any requests for pressure increases should be accompanied by a step-rate test run in accordance with and acceptable to this office. Your request is denied until such time as an acceptable step-rate test witnessed by our District Office can be forwarded to this office.

Injection should continue at the pressure specified in the original salt water disposal order. Should you have any questions concerning this matter, please forward them to me at (505) 827-5807.

Sincerely,

Gilbert P. Quintana

GILBERT P. QUINTANA
Petroleum Engineer

GPQ/dp