



DOME PETROLEUM CORP.

2900 DOME TOWER
1625 BROADWAY
DENVER, COLORADO 80202

TELEPHONE
(303) 620-3000

August 16, 1983

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

SANTA FE BARBS
M-10-21-10

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

RECEIVED

AUG 18 1983

OIL CON. DIV.
DIST. 3

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

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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.

Lubric Jenkins

L. A. Jenkins
Sr. Reservoir Engineer

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LAJ/vp

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