



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

August 18, 1983

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

Mobil Producing Texas
& New Mexico Inc.
Nine Greenway Plaza
Suite 200
Houston, Texas 77046

Attention: J. A. Morris,
Regulatory Engineering Supervisor

Re: Mobil Producing Texas & New Mexico Inc.
Denton North Wolfcamp Waterflood Unit
Injection Well No. 7-7
Denton North Wolfcamp Pool
Lea County, New Mexico

Dear Mr. Morris:

Your request for an increase in the maximum surface injection pressure for the subject well has been reviewed. The step-rate test you submitted has been considered as valid data and was used in setting a maximum pressure limit. A surface reservoir fracture pressure of 3300 psi was derived from the step-rate test after interpreting the last two points on the graph as a new pressure/rate slope. Subtracting a 50 psi standard safety factor, a maximum surface injection pressure of 3250 psi has been set.

Should you have any further questions concerning this matter, please forward them to me at (505) 827-5807.

Sincerely,

Gilbert P. Quintana

GILBERT P. QUINTANA
Petroleum Engineer

cc: Joe D. Ramey
Hobbs District Office
File WFX-505