



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

June 21, 1988

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

McClellan Oil Corporation
Drawer 730
Roswell, New Mexico 88202

Attention: Paul Ragsdale

Dear Sir:

Reference is made to your request to increase the surface injection pressure on the six injection wells located within the Marlisue Queen Unit Waterflood Project to 1000 psi. This request is based upon step rate tests conducted on the Marlisue Queen Unit Tract 2 Well No. 6, the Sulimar Queen Unit Tract 1 Well No. 11, and the Burk Royalty Company Double L Queen Unit Tract 18 Well No. 3. Upon review of the test data presented, it is apparent that the fracture pressure within the Queen formation remains fairly consistent across the above described waterflood project areas and that said pressure is in excess of 1000 psi.

You are therefore authorized to increase the surface injection pressure on the six injection wells listed on Exhibit "A" attached hereto to 1000 psi.

The Division Director may rescind this injection pressure if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,

A handwritten signature in dark ink, appearing to read "William J. LeMay".

William J. LeMay
Director

xc: OCD-Artesia
Case File-8002
File-WFX-569
D. McDonald
D. Catanach

EXHIBIT "A"
MARLISUE QUEEN UNIT INJECTION WELLS

<u>WELL & LOCATION</u>		<u>MAXIMUM SURFACE INJECTION PRESSURE</u>
Tract 1 Well No. 2	2165 FSL & 1550 FWL (Unit K) Section 24, T-14S, R-29E	1000 PSIG
Tract 1 Well No. 3	1560 FSL & 2500 FWL (Unit K) Section 24, T-14S, R-29E	1000 PSIG
Tract 2 Well No. 5	1155 FNL & 2145 FEL (Unit B) Section 24, T-14S, R-29E	1000 PSIG
Tract 2 Well No. 6	1590 FNL & 1870 FWL (Unit F) Section 24, T-14S, R-29E	1000 PSIG
Tract 2 Well No. 7	2620 FNL & 2075 FEL (Unit G) Section 24, T-14S, R-29E	1000 PSIG
Tract 2 Well No. 8	2140 FNL & 2475 FWL (Unit F) Section 24, T-14S, R-29E	1000 PSIG

All Wells located in Chaves County, New Mexico.