



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

PDEV0020600557  
PDEV0020700140

GARREY CARRUTHERS  
GOVERNOR

October 25, 1988

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

Mobil Exploration &  
Producing US Inc.  
P.O. Box 633  
Midland, Texas 79702

Re: Injection Pressure Increase  
North Vacuum Abo Unit  
Lea County, New Mexico

Dear Sir:

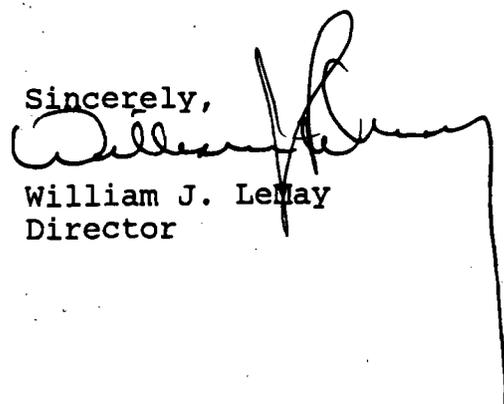
Reference is made to your request dated September 21, 1988, to increase the surface injection pressure on three wells within the North Vacuum Abo Unit Waterflood Project. This request is based on step rate tests conducted on these wells during June 6-9, 1988. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following wells:

<u>Well &amp; Location</u>	<u>Maximum Injection Surface Pressure</u>
NVAU Well No. 121 Unit L, Section 13, T-17 South, R-34 East, NMPM	3190 PSIG
NVAU Well No. 135 Unit L, Section 11, T-17 South, R-34 East, NMPM	3925 PSIG
NVAU Well No. 155 Unit D, Section 23, T-17 South, R-34 East, NMPM	4230 PSIG

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

Sincerely,



William J. Lemay  
Director

xc: OCD-Hobbs  
D. Catanach  
D. McDonald  
File- WFX-557, PMX-140