



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

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

May 18, 1988

Murphy Operating Company  
P. O. Box 2648  
Roswell, NM 88202-2648

Attention: Mark B. Murphy

RE: Injection Pressure Increase  
Todd Lower San Andres Unit  
Roosevelt County, New Mexico

Dear Mr. Murphy:

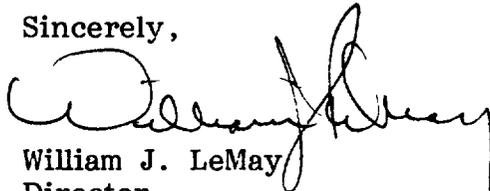
Reference is made to your request dated April 21, 1988, to increase the surface injection pressure on three wells within the Todd Lower San Andres Waterflood Project. This request is based on a step rate test conducted on these wells during January, March and April. The results of the tests have been 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>
TLSAU Well No. 13 660 FSL & 700 FWL (Unit M) Section 29, Township 7 South, Range 36 East	1630 PSIG
TLSAU Well No. 9 1980 FSL & 660' FEL (Unit I) Section 30, Township 7 South, Range 36 East	1660 PSIG
TLSAU Well No. 16 660 FSL & 660 FEL (Unit P) Section 30, Township 7 South, Range 36 East	1660 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,

A handwritten signature in cursive script, appearing to read "William J. LeMay". The signature is written in black ink and is positioned above the printed name and title.

William J. LeMay  
Director

xc: Oil Conservation Division - Hobbs  
D. McDonald  
D. Catanach  
File: WFX-544, 567