

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

August 1, 1989

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

Attention: Mark B. Murphy

RE: Injection Pressure Increase
Todd Lower San Andres Unit
Well Nos. 1 & 15,
Roosevelt County, New Mexico

Dear Mr. Murphy:

Reference is made to your request dated June 22, 1989, to increase the surface injection pressure on two wells within the Todd Lower San Andres Unit Waterflood Project. This request is based on step rate tests conducted on these wells on May 13, 1989. 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.

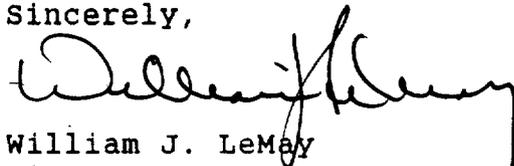
<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
TLSAU Well No. 15 Unit O, Section 29, T-7 South, R-36 East, NMPM;	1100 PSIG
TLSAU Well No. 1 Unit A, Section 36, T-7 South, R-35 East, NMPM,	1160 PSIG

Both in Roosevelt County, New Mexico.

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.

Injection Pressure Increase
Murphy Operating Corporation
August 1, 1989
Page 2

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 typed name. A vertical line extends downwards from the end of the signature, connecting it to the "cc:" line below.

William J. LeMay
Director

cc: Oil Conservation Division - Hobbs

File: WFX-571

T. Gallegos

D. Catanach