CF 7202

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

October 25, 1988

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

Murphy Energy Corporation
P.O. Box 2248
Roswell, New Mexico 88201

Attention: Mark Murphy

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

Dear Sir:

Reference is made to your request dated September 22, 1988, to increase the surface injection pressure on four wells within the Todd Lower San Andres Unit Waterflood Project. This request is based on step rate tests conducted on these wells on September 12, 1988. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on two of these wells is justified at this time.

We do request however, that the tests on Well Nos. 30-6 and 30-10 be re-conducted inasmuch as the initial pressure on these wells prior to testing is considerably higher than the currently authorized injection pressure. When conducting these step rate tests, we require that the initial starting pressure of the test is below the currently authorized injection pressure.

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

Well & Location	Maximum Injection Surface Pressure
TLSAU Well No. 31-3 Unit C, Section 31, T-7South, R-36East, NMPM	1430 PSIG
TLSAU Well No. 32-3 Unit C, Section 32, T-7South, R-36East, NMPM	1385 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
Case File-7202