

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

March 23, 1992

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

Greenhill Petroleum Corporation
11490 Westheimer Road, Suite 200
Houston, Texas 77077-6841

Attention: Michael J. Newport

*RE: Injection Pressure Increase
Lovington San Andres Unit
Waterflood Project
Lea County, New Mexico*

Dear Mr. Newport:

Reference is made to your request dated February 13, 1992, to increase the surface injection pressure on seven wells within the Lovington San Andres Unit Waterflood Project. This request is based on step rate tests conducted on these wells October 7-10, 1991. 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>
LSAU Well No. 5 Unit A, Section 36, T-16S, R-36E, NMPM;	1880 PSIG
LSAU Well No. 7 Unit G, Section 31, T-16S, R-37E, NMPM;	1823 PSIG
LSAU Well No. 12 Unit K, Section 36, T-16S, R-36E, NMPM;	1830 PSIG
LSAU Well No. 25 Unit O, Section 36, T-16S, R-36E, NMPM;	1820 PSIG

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LSAU Well No. 31 1820 PSIG
Unit C, Section 1, T-17S, R-36E, NMPM;

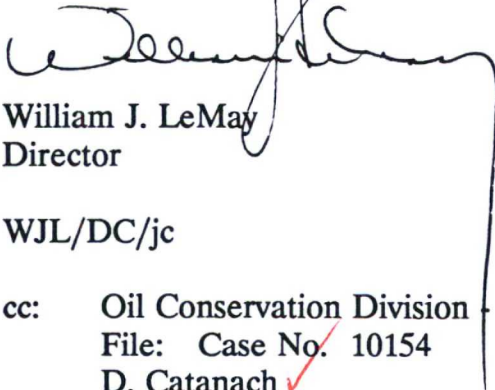
LSAU Well No. 45 1820 PSIG
Unit G, Section 2, T-17S, R-36E, NMPM;

LSAU Well No. 58 1750 PSIG
Unit E, Section 31, T-16S, R-37E, NMPM

All in Lea 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.

Sincerely,



William J. LeMay
Director

WJL/DC/jc

cc: Oil Conservation Division - Hobbs
File: Case No. 10154
D. Catanach ✓
R. Brown