

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



October 28, 1991

BRUCE KING
GOVERNOR

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

Greenhill Petroleum Corporation
11490 Westheimer, Suite 200
Houston, Texas 77077

Attention: Michael J. Newport

*RE: Injection Pressure Increase
West Lovington Unit WF Project
Lea County, New Mexico*

Dear Mr. Newport:

Reference is made to your request dated September 9, 1991, to increase the surface injection pressure on four wells within the West Lovington Unit Waterflood Project. This request is based on step rate tests conducted on certain injection wells within the unit. 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.

WELL AND LOCATION

MAXIMUM INJECTION
SURFACE PRESSURE

WLU No. 21
Unit I, Section 5, T-17S, R-36E, NMPM

2200 PSIG

WLU No. 32
Unit O, Section 5, T-17S, R-36E, NMPM

2200 PSIG

WLU No. 33
Unit P, Section 5, T-17S, R-36E, NMPM

2200 PSIG

WLU No. 34
Unit M, Section 4, T-17S, R-36E, NMPM

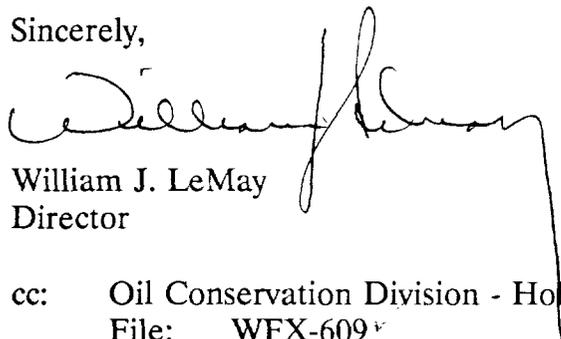
2200 PSIG

All in Lea County, New Mexico

Greenhill Petroleum Corporation
October 28, 1991
Page 2

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 black ink, appearing to read "William J. LeMay". The signature is written in a cursive style with a long, sweeping underline that extends to the right and then loops back down.

William J. LeMay
Director

cc: Oil Conservation Division - Hobbs
File: WFX-609
D. Catanach
R. Brown