



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



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

February 4, 1993

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, TX 77077-6841

Attention: Michael J. Newport

**RE: Injection Pressure Increase Lovington Paddock Unit  
Well Nos. 9 and 10 Waterflood Project Lea County,  
New Mexico**

Dear Mr. Newport:

Reference is made to your request dated January 27, 1993 to increase the surface injection pressure on two wells in the Lovington Paddock Unit. This request is based on step rate tests conducted on these wells between January 18 and 19, 1993. 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:

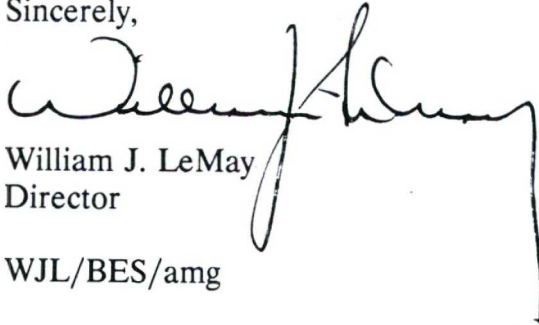
Well and Location	Maximum Injection Surface Pressure
Lovington Paddock Unit No. 9 660' FSL - 1980' FWL Unit N, Section 30, Township 16 South, Range 37 East	1745
Lovington Paddock Unit No. 10 660' FNL - 2440' FEL Unit B, Section 31, Township 16 South, Range 37 East	1620
All wells located in Lea County, New Mexico.	

*Injection Pressure Increase*  
*Greenhill Petroleum Corporation*  
*February 4, 1993*  
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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', with a long horizontal stroke extending to the right.

William J. LeMay  
Director

WJL/BES/amg

cc: Oil Conservation Division - Hobbs  
Oil Conservation Division - D. Catanach  
File: Case File 10549