



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



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

December 22, 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, Two Wells, Lovington Paddock Unit,  
Lea County, New Mexico***

Dear Mr. Newport:

Reference is made to your request dated December 8, 1993 to increase the surface injection pressure on two wells in your Lovington Paddock Unit. This request is based on step rate tests conducted on these wells between November 16 and 17, 1993. The results of the tests have been reviewed by my staff and we feel an increase in injection pressure on these wells are justified at this time.

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

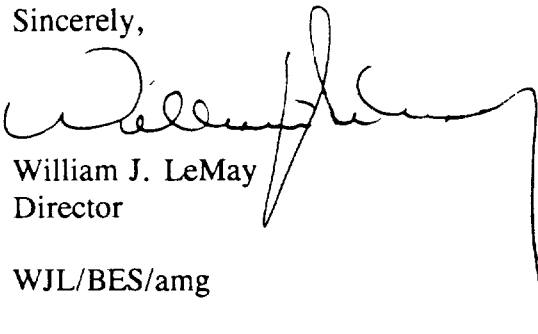
Well and Location	Maximum Injection Surface Pressure
LPU Well No. 31 1650' FSL - 890' FWL Unit L, Section 36, Township 16 South, Range 36 East	1965 psig
LPU Well No. 71 660' FSL - 660' FEL Unit P, Section 1, Township 17 South, Range 36 East	1905 psig
Both wells located in Lea County, New Mexico.	

*Injection Pressure Increase*  
*Greenhill Petroleum Corporation*  
*December 22, 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 flourish extending to the right.

William J. LeMay  
Director

WJL/BES/amg

cc: Oil Conservation Division - Hobbs  
File: WFX-605  
WFX-607  
PSI-X, 4th Quarter