

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



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

April 14, 1992

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

Sage Energy Company  
P.O. Drawer 3068  
Midland, Texas 79702

Attention: Jay H. Hardy

*RE: Injection Pressure Increase  
North Vacuum (Abo) North Unit  
6 Wells  
Lea County, New Mexico*

Dear Mr. Hardy:

Reference is made to your request dated May 5, 1992, to increase the surface injection pressure on six (6) wells in the North Vacuum (Abo) North Unit. This request is based on step rate tests conducted on these wells between April 29 & May 1, 1992. 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>
NVANU 3 No. 1 1780' FSL & 1980' FEL Unit J, 1-17S-34E	3000 PSIG
NVANU 4A No. 1 1980' FSL & 860' FWL Unit L, 1-17S-34E	3200 PSIG

WELL AND LOCATION

MAXIMUM INJECTION  
SURFACE PRESSURE

NVANU 5B No. 1  
660' FSL & 860' FEL  
Unit P, 1-17S-34E

3100 PSIG

NVANU 2A No. 1  
460' FSL & 1980' FWL  
Unit N, 1-17S-34E

3200 PSIG

NVANU 14 No. 1  
860' FNL & 660' FWL  
Unit D, 12-17S-34E

3000 PSIG

NVANU 14 No. 2  
1980' FNL & 1780' FWL  
Unit F, 12-17S-34E

2700 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

WJL/DC/jc

cc: Oil Conservation Division - Hobbs  
File: R-9359  
D. Catanach ✓  
R. Brown