

CF 6653

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



BRUCE KING  
GOVERNOR

April 29, 1991

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

Shell Western E & P Inc.  
PO Box 576  
Houston, TX 77001

Attention: W.F.N. Kelldorf

RE: *Injection Pressure Increase  
N. Hobbs G/SA Unit  
Lea County, New Mexico*

Dear Mr. Kelldorf:

Reference is made to your request dated March 11, 1991, to increase the surface injection pressure on 9 wells within the N. Hobbs Grayburg/San Andres Unit Pressure Maintenance Project. This request is based on the step rate tests submitted with your application. 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>
NHGSAU Well No. 13-431 Unit I, Section 13, T-18S, R-37E, NMPM	990 PSIG
NHGSAU Well No. 14-321 Unit G, Section 14, T-18S, R-37E, NMPM	1360 PSIG
NHGSAU Well No. 24-311 Unit B, Section 24, T-18S R-37E, NMPM	1000 PSIG
NHGSAU Well No. 25-121 Unit E, Section 25, T-18S, R-37E, NMPM	1730 PSIG
NHGSAU Well No. 25-231 Unit K, Section 25, T-18S R-37E, NMPM	1460 PSIG
NHGSAU Well No. 25-431 Unit I, Section 25, T-18S, R-37E, NMPM	1430 PSIG

NHGSAU Well No. 26-411  
Unit A, Ssection 26, T-18S  
R-37E, NMPM

1830 PSIG

NHGSAU Well No. 27-111  
Unit D, Section 27, T-18S  
R-38E, NMPM

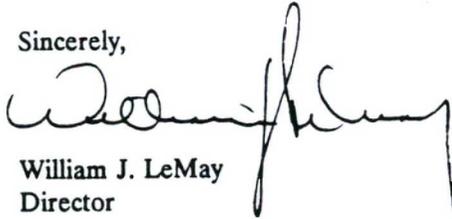
1450 PSIG

NHGSAU Well No. 36-211  
Unit C, Section 36, T-18S  
R-37E, NMPM

1700 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

cc: Oil Conservation Division - Hobbs  
File: Case No. 6653  
D. Catanach  
R. Brown

