

## ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

## OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

July 15, 1991

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800Anadarko Petroleum Corporation  
P.O. Box 2497  
Midland, Texas 79702

Attention: Jeff White

*RE: Injection Pressure Increase  
Ballard Grayburg-San Andres Unit  
Eddy County, New Mexico*

Dear Sir:

Reference is made to your request dated May 31, 1991, to increase the surface injection pressure on two wells within the Ballard Grayburg-San Andres Unit Waterflood Project. This request is based on step rate tests conducted on these wells during May, 1991. 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 well.

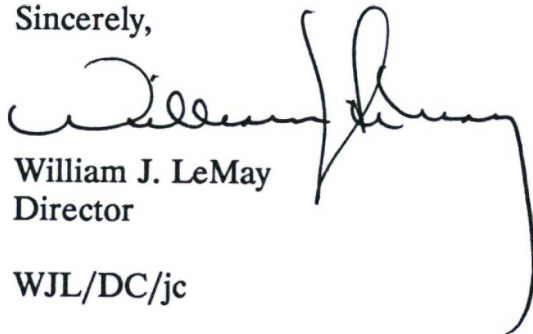
<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
Ballard GSU Well No. 8-4 Unit B, Section 5, T-18 South, R-29 East, NMPM	1550 PSIG
Ballard GSU Well No. 10-1 Unit H, Section 5, T-18 South, R-29 East, NMPM	1390 PSIG
Both in Eddy County, New Mexico	

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Page 2

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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, sweeping horizontal stroke extending to the right.

William J. LeMay  
Director

WJL/DC/jc

cc: Oil Conservation Division - Artesia  
File: Case No. 9364  
D. Catanach ✓  
R. Brown