

## 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) 827-5800Yates Drilling Company  
105 South Fourth Street  
Artesia, New Mexico 88210

*RE: Injection Pressure Increase  
Cactus Queen Unit Waterflood Project  
Chaves County, New Mexico*

Dear Sir:

Reference is made to your request dated June 3, 1991, to increase the surface injection pressure on the two wells within the Cactus Queen Unit Waterflood Project. This request is based on step rate tests conducted on these wells on May 29, 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.

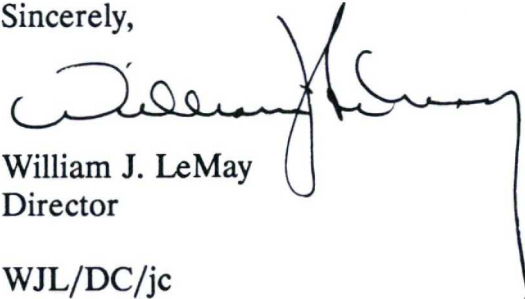
<u>WELL AND LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
Cactus Queen Unit Well No. 1 Unit K, Section 27, T-12 South, R-31 East, NMPM	980 PSIG
Cactus Queen Unit Well No. 5 Unit C, Section 34, T-12 South, R-31 East, NMPM	1100 PSIG
Both in Chaves County, New Mexico	

Yates Drilling Company  
July 15, 1991  
Page 2

---

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. R-9810  
D. Catanach ✓  
R. Brown