

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

March 16, 1993

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

S & J Operating Company
811 Sixth Street, Suite 300
Wichita Falls, TX 76307-2249

Attention: Bruce L. Robertson

*RE: Injection Pressure Increase on Three Wells in the North Denton
Wolfcamp Unit Waterflood Project, Lea County, New Mexico*

Dear Mr. Robertson:

Reference is made to your request dated March 5, 1993 to increase the surface injection pressure on three wells in the North Denton Wolfcamp Waterflood Project. This request is based on step rate tests conducted on these wells between February 23 and 25, 1993. 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.

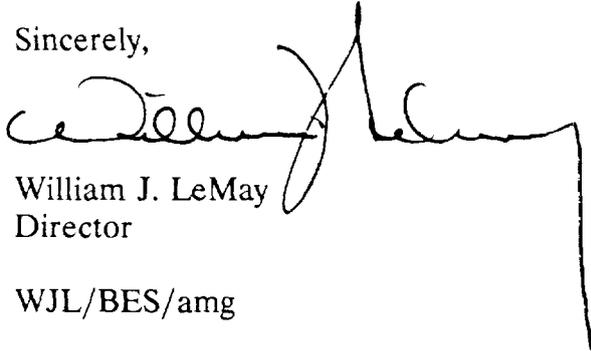
You are therefore authorized to increase the surface injection pressure on the following wells:

Well and Location	Maximum Injection Surface Pressure
NDWU No. 5-12 1980' FNL - 810' FWL Unit E, Section 35, Township 14 South, Range 37 East	3000 PSIG
NDWU No. 7-3 660' FSL - 660' FWL Unit M, Section 36, Township 14 South, Range 37 East	3000 PSIG
NDWU No. 8-1 660' FSL - 2310' FEL Unit O, Section 36, Township 14 South, Range 37 East	3000 PSIG
All wells located in Lea County, New Mexico.	

*Injection Pressure Increase
S & J Operating Company
March 16, 1993
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'. The signature is written in a cursive style with a large initial 'W' and 'L'. A vertical line extends downwards from the end of the signature.

William J. LeMay
Director

WJL/BES/amg

cc: Oil Conservation Division - Hobbs
David Catanach
File: WFX-619