



TONY ANAYA  
GOVERNOR

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

50 YEARS



1935 - 1985

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

February 13, 1986

Yates Petroleum Corporation  
207 South Fourth Street  
Artesia, NM 88210

Attention: David Lanning

RE: Injection Pressure Increase  
Eagle Creek Waterflood Project,  
Eddy County, New Mexico

Dear Sir:

Reference is made to your request of January 13, 1985 to increase the surface injection pressure on four wells located in the Eagle Creek Pilot Waterflood Project. This request was based on individual step rate tests conducted on each of these wells on January 3 and 4, 1986. These tests have been reviewed and we feel an increase in surface injection pressure on each of these wells is justified at this time. We do feel, however, that an injection limit of 50 psi below fracture pressure is a more appropriate safety factor than your proposed 20 psi below fracture pressure.

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

<u>Well &amp; Location</u>	<u>Maximum Surface Injection Pressure</u>
Gissler "AV" No. 37 Unit K, Section 23, T17S, R25E	350 PSIG
Gissler "AV" No. 39 Unit F, Section 23, T17S, R25E	710 PSIG
Gissler "AV" No. 41 Unit K, Section 23, T17S, R25E	880 PGIG

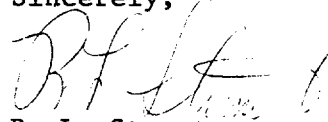
Gissler "AV" No. 43  
Unit F, Section 23, T17S, R25E

330 PSIG

All wells located in Eddy County, New Mexico

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the San Andres zone or it is endangering any fresh water aquifers.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. L. Stamets", with a stylized flourish at the end.

R. L. Stamets  
Division Director

cc: OCD - Artesia  
Case File - 7935  
File WFX 541  
D. Catanach

RLS/DC/bok