

50 YEARS



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



1935 - 1985

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 875
(505) 827-5800

February 13, 1986

Yates Petroleum Corporation
207 South Fourth Street
Artesia, NM 88210

Attention: David Lanning

*PKAA 0909 357001
IPT-326*

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 & 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,



R. L. Stamets
Division Director

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

RLS/DC/bok