



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

open file

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

July 13, 1984

Geo Engineering, Inc.
P. O. BOX 2966
Santa Fe, NM 87504-2966

Attention: James Law, Petroleum Engineer

Re: Pressure Allowable Increase
Chaco Wash Mesa Verde Waterflood
Well No. 12
990' FNL & 660' FEL
S28,T20N,R9W
McKinley County, NM

Dear Mr. Law,

I have completed a review of your request for an injection pressure allowable increase on the subject well. The step rate test submitted with your request indicated a formation parting pressure at 180 psig. Subtracting a 10 psig safety factor, you are granted approval to inject at a maximum surface pressure of 170 psig. Should you fail to comply with the pressure requirement of this approval, authority granted by this letter may be terminated after notice and hearing in the interest of conservation.

Additional pressure increases in your waterflood project may be granted pending submittal of additional step-rate data.

If you have any questions, do not hesitate to contact me at 827-5807.

Sincerely,

Gilbert P. Quintana
Gilbert P. Quintana

cc: Joe D. Ramey, Division Director
File WFX - 525
Case File 7039
✓ Aztec District - Frank Chavez

JUL 17 1984

CON. DIV.
DIST. 3

GPQ/bok

7-2-84

GEO ENGINEERING INC
STEP RATE TEST
CHACO WASH FIELD
STATE NO. 12 WELL

STEP	PRESSURE (PSI)	RATE (BPD)
1	60	11
2	100	21
3	140	46
4	180	64
5	220	360

J.M. Paw

RECEIVED

JUL 17 1984

OIL CON. DIV.
DIST. 3

GEO ENGINEERING
STEP RATE TEST
CHACO WASH FIELD
STATE NO. 12
7-2-84

45 0732

1.507 11.5 TO THE NCH. 0.2 K. 0.1 HES
1.507 11.5 TO THE NCH. 0.2 K. 0.1 HES

SURFACE PRESSURE, PSI

200
150
100
50

