



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

February 15, 1983

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

Capital Oil and Gas Corp.
P. O. Box 2130
Kilgore, Texas 75662

ATTENTION: Gary Blanks

RE: Administrative Approval
for WFX Expansion of
SFPRR Well No. 82

Dear Sir:

In regards to your application for administrative approval for the expansion of the Northern Minerals McKinley Gallup waterflood by the addition of SFPRR Well No. 82, the surface well head pressure was limited to 160 psi. The 750 psi surface well head pressure limitation as authorized by Order R-4875 will not be applicable to this well. The OCD Memo 3-77 dated August 24, 1977, (copy enclosed) limited surface injection pressure for injection wells to 0.20 psi per foot of depth to the top of the injection zone.

To obtain a higher injection pressure or substantiate what injection pressure would not fracture the formation or confining strata, a step rate injection test would be required. For further details in regards to OCD's requirement on step rate tests, please contact Frank Chavez, Aztec District Supervisor, at (505) 334-6178.

If you have any questions on this matter, please contact me at (505) 827-5822.

Sincerely,

Oscar A. Simpson, III
Water Resource Specialist

OAS/dp

Enc.