

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

September 15, 1989

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

Burk Royalty Company
P.O. Box BRC
Wichita Falls, Texas 76307

Attention: Fred M. Lynch

Re: Injection Pressure Increase
South Lucky Lake Queen Unit
Waterflood Project
Chaves County, New Mexico

Dear Sir:

Reference is made to your request dated August 24, 1989, to increase the surface injection pressure on seven injection wells located within the South Lucky Lake Queen Unit Waterflood Project. This request is based on step rate tests conducted on three of the wells during August, 1989. 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 seven wells as shown on Exhibit "A" attached hereto.

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 dark ink, appearing to read 'William J. LeMay', with a long, sweeping line extending from the bottom right.

William J. LeMay
Director

xc: Oil Conservation Division-Artesia
Case File-8840
D. Catanach
T. Gallegos

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SOUTH LUCKY LAKE QUEEN UNIT
WATERFLOOD PROJECT
INJECTION WELLS

South Lucky Lake Queen Waterflood Project Well No.	Location	Maximum Surface Injection Pressure
Tract 1-Well No. 1	E-27-15S-29E	700 PSIG
Tract 2-Well No. 1	L-22-15S-29E	700 PSIG
Tract 2-Well No. 4	N-22-15S-29E	700 PSIG
Tract 3-Well No. 1	F-22-15S-29E	700 PSIG
Tract 4-Well No. 1	H-21-15S-29E	700 PSIG
Tract 5-Well No. 1	M-15-15S-29E	700 PSIG
Tract 7-Well No. 1	O-16-15S-29E	700 PSIG

