

CF 8840

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

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

March 14, 1990

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

Attention: Fred M. Lynch

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

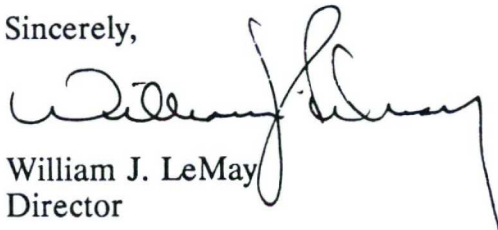
Dear Mr. Lynch:

Reference is made to your request dated February 5, 1990, 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 a step rate test conducted on Well No. 7-1 on January 22, 1990. The results of this test have been reviewed by my staff and we feel that an increase in injection pressure on these wells is justified at this time.

You are therefore authorized to increase the surface injection pressure on 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,



William J. LeMay  
Director

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

*South Lucky Lake Queen Unit  
Waterflood Project  
Injection Wells*

South Lucky Lake Queen Waterflood Project Well No.	Location	Maximum Injection Pressure
Tract 1 Well No. 1	E-27-15S-29E	1000 PSIG
Tract 2 Well No. 1	L-22-15S-29E	1000 PSIG
Tract 2 Well No. 4	N-22-15S-29E	1000 PSIG
Tract 3 Well No. 1	F-22-15S-29E	1000 PSIG
Tract 4 Well No. 1	H-21-15S-29E	1000 PSIG
Tract 5 Well No. 1	M-15-15S-29E	1000 PSIG
Tract 7 Well No. 1	O-16-15S-29E	1000 PSIG