



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**

Governor

Joanna Prukop  
Cabinet Secretary

September 8, 2003

**Lori Wrotenbery**

Director

Oil Conservation Division

Marbob Energy Corporation  
P.O. Box 227  
Artesia, New Mexico 88211-0227

Attn: Mr. Brian Collins

**RE: Injection Pressure Increase  
Burch-Keely Cooperative Waterflood Project  
Eddy County, New Mexico**



Dear Mr. Collins:

Reference is made to your request dated July 25, 2003, to increase the surface injection pressure on ten injection wells within the Burch-Keely Cooperative Waterflood Project, Grayburg-Jackson Pool, Eddy County, New Mexico. This request is based on step rate test data previously obtained within the project area. The data has been reviewed by my staff and we feel an increase in injection pressure on these wells is justified at this time.

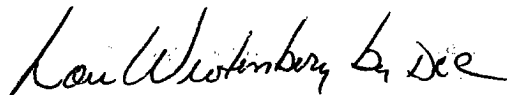
You are therefore authorized to increase the surface injection pressure on the following wells:

<b>WELL NAME &amp; NUMBER</b>	<b>MAXIMUM SURFACE INJECTION PRESSURE</b>
Burch Keely Unit No. 95, Unit J, Section 19, T-17S, R-30E API No. 30-015-04204	900 psi
Burch Keely Unit No. 97, Unit I, Section 19, T-17S, R-30E API No. 30-015-04209	900 psi
Burch Keely Unit No. 104, Unit N, Section 19, T-17S, R-30E API No. 30-015-04210	900 psi
Burch Keely Unit No. 102, Unit O, Section 19, T-17S, R-30E API No. 30-015-04212	900 psi
Burch Keely Unit No. 100, Unit P, Section 19, T-17S, R-30E API No. 30-015-04213	900 psi
Burch Keely Unit No. 101, Unit O, Section 19, T-17S, R-30E API No. 30-015-20794	900 psi

<b>WELL NAME &amp; NUMBER</b>	<b>MAXIMUM SURFACE INJECTION PRESSURE</b>
Burch Keely Unit No. 98, Unit I, Section 19, T-17S, R-30E API No. 30-015-21366	900 psi
Burch Keely Unit No. 94, Unit K, Section 19, T-17S, R-30E API No. 30-015-22092	900 psi
Burch Keely Unit No. 142, Lot 1, Section 30, T-17S, R-30E API No. 30-015-04388	900 psi
Burch Keely Unit No. 146, Unit B, Section 30, T-17S, R-30E API No. 30-015-04394	900 psi

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected fluid is not being confined to the injection zone or is endangering any fresh water aquifers.

Sincerely,



Lori Wrotenbery  
Director

LW/DRC

cc: Oil Conservation Division - Artesia  
Files: WFX-682, WFX-555, WFX-743  
IP-207