



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**BILL RICHARDSON**  
Governor  
**Joanna Prukop**  
Cabinet Secretary

October 14, 2003  
IPI-212

**Lori Wrotenbery**  
Director  
Oil Conservation Division

Saga Petroleum LLC  
415 W. Wall, Suite 1900  
Midland, Texas 79701

Attn: Bonnie Husband

**RE: Injection Pressure Increases  
Central Corbin Queen Unit  
Wells No. 103, 209, and 214  
Lea County, New Mexico**

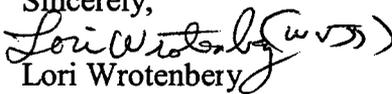
Dear Ms. Husband:

Reference is made to your request to the New Mexico Oil Conservation Division (Division) received October 8, 2003, to increase the surface injection pressure on the subject wells. This request is based on step rate tests conducted in early October 2003. Results of these tests have been reviewed and we feel an increase in injection pressure on these wells is justified at this time.

On each of the following wells, you are hereby authorized to inject water at pressures up to the following maximum surface tubing pressure.

Well and Location	Maximum Surface Injection Pressure
Central Corbin Queen Unit Well No. 103 API:30-025-29737	1,400 PSIG
Central Corbin Queen Unit Well No. 209 API:30-025-29777	2,500 PSIG
Central Corbin Queen Unit Well No. 214 API:30-025-29700	1,900 PSIG
These wells are located in Section 4 or Section 9, Township 18 South, Range 33 East, Lea County, New Mexico.	

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

Sincerely,  
  
Lori Wrotenbery  
Director

LW/wvjj  
cc: Oil Conservation Division - Hobbs  
File: 2003 PSI-X;  
Case File 10063, R-9337



10/8/03

NA

P WVT 0328757308

October 7, 2003 RECEIVED

Mr. Will Jones  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

OCT 09 2003

OIL CONSERVATION  
DIVISION

Re: Central Corbin Queen Unit  
Agreement NMNM84603X  
CCQU WIW's Step-Rate Tests  
Order R9336 - 10-19-1990  
Lea County, NM

Gentlemen:

Please find enclosed statistical data - step rate tests for the following listed water injection wells. Saga respectfully requests approval to increase the injection pressure on each WIW as indicated on the step-rate test results.

R-9337  
Case 10063  
DPF 194

- 1. CCQU #214 - API 30-025-29700 - SWNE Sec 4 (G), T18S, R33E  
Increase to 1984 psia  $2\frac{3}{8}'' @ 4103'$  (Acid 151P 2250)  
 $4163 - 4185$  1900 = 0.46
- 2. CCQU #209 - API 30-025-29777 - NENW Sec 4 (C), T18S, R33E  
Increase to 2572 psia PKR  $4\frac{0}{8} 23'$   $2\frac{3}{8}''$  (151P Acid = 2500)  
 $4152' - 4166'$  2500 = 0.60
- 3. CCQU #103 - API 30-025-29737 - SWNE Sec 9 (G), T18S, R33E  
Increase to 1434 psia  $4236 - 4262$   
 $2\frac{3}{8}'' @ 4178'$  1400 = 0.33

Should you require any further information, please contact the undersigned or Joe Clement at 432/684-4293.

Very truly yours,  
SAGA PETROLEUM LLC

*Bonnie Husband*

Bonnie Husband  
Production Analyst

Enclosures  
Cc: Gary Wink