



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

June 6, 2000

Lori Wrotenbery  
Director  
Oil Conservation Division

Shahara Oil, LLC  
207 West McKay  
Carlsbad, New Mexico 88220

Attn: Mr. Perry Hughes

**RE: Injection Pressure Increase, -140  
Shahara State Unit,  
Lea County, New Mexico**

Reference is made to your request dated June 5, 2000 to increase the surface injection pressure on four wells in the above referenced waterflood project. This request is based on step rate test conducted on May 23, 2000. The results of the test 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 following wells:

<i>Recently Tested Well Name and Number</i>	<i>Adjacent Well Name and Number</i>	<i>ULSTR</i>	<i>Authorized Pressure</i>
Shahara State Unit Well No. 5		L-16-17S-33E	2165 PSIG
	Shahara State Unit Well No. 6	K-16-17S-33E	2165 PSIG
	Shahara State Unit Well No. 7	N-16-17S-33E	2165 PSIG
	Shahara State Unit Well No. 8	M-16-17S-33E	2165 PSIG
All wells located in Eddy 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/MWA/kv

cc: Oil Conservation Division - Artesia  
Files: Cases No. 11924 and 3486; IPI 2<sup>nd</sup> QTR-2000