NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

August 13, 2002

Lori Wrotenbery
Director
Oil Conservation Division

Apache Corporation
6120 S. Yale, Suite 1500
Tulsa, Oklahoma 74136

Attn: Mr. Kevin Mayes

RE: Injection Pressure Increase,
Northeast Drinkard Unit
Waterflood Project
Lea County, New Mexico

Dear Mr. Mayes:

Reference is made to your request dated July 25, 2002, to increase the surface injection pressure on all injection wells within the above-referenced water flood project. This request is based on recent step rate tests conducted on twelve (12) injection wells during 2002. Test results have been reviewed, and we feel an increase in injection pressure is justified at this time.

You are therefore authorized to increase the surface injection pressure on all current injection wells within this water flood to a maximum surface injection pressure of 1375 psig. In addition, you are authorized to increase the surface injection pressures on the twelve (12) test wells to the pressures as shown on the attached Exhibit "A".

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 (wvj)

Lori Wrotenbery
Director

LW/wvj

cc: Oil Conservation Division - Hobbs
Files: R-8541; IPI-2002; WFX-576, 579, 583, 624, 674, 722, 740, 752, 759, and 774
Attachment

Exhibit "A"
Apache Corporation
Northeast Drinkard Unit (NEDU)
Township 21 South, Range 37 East, NMPM, Lea County, New Mexico
Injection Pressure Increases

Well Name	Top Perf Depth Feet	Maximum Surface Injection Pressure PSIG	Order Number
NEDU Well No. 111, API No. 30-025-26670	5807	2160	R-8541
NEDU Well No. 115, API No. 30-025-06340	5866	2240	R-8541
NEDU Well No. 210, API No. 30-025-06502	6576	2250	WFX-722
NEDU Well No. 215, API No. 30-025-06341	5767	1970	WFX-722
NEDU Well No. 303, API No. 30-025-06512	6528	1710	R-8541
NEDU Well No. 308, API No. 30-025-06494	6566	1920	WFX-674
NEDU Well No. 403, API No. 30-025-06449	5716	1900	R-8541
NEDU Well No. 605, API No. 30-025-06613	5698	1375	R-8541
NEDU Well No. 709, API No. 30-025-06595	5748	1790	R-8541
NEDU Well No. 806, API No. 30-025-06727	5578	1400	WFX-759
NEDU Well No. 911, API No. 30-025-06760	5469	1375	WFX-759
NEDU Well No. 913, API No. 30-025-09932	5557	1375	WFX-579