



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

November 14, 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 (IPI-148),
Premier Sand Unit,
Eddy County, New Mexico**

Reference is made to your request dated November 13, 2000 to increase the surface injection pressure on 10 wells in the above referenced waterflood project. This request is based on step rate tests conducted on November 1, 3, and 6, 2000. The results of these tests 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:

Recently Tested Well Name and Number	Adjacent Well Name and Number	ULSTR	Authorized Pressure
Grayburg Jackson PSU ME Well No. 1 (API No. 30-015-04377)		O-28-17S-30E	1375 PSIG
	Grayburg Jackson PSU MB Well No. 1 (API No. 30-015-04359)	M-27-17S-30E	1375 PSIG
	Grayburg Jackson PSU BB Well No. 1 (API No. 30-015-04443)	A-33-17S-30E	1375 PSIG
	Grayburg Jackson PSU FG Well No. 1 (API No. 30-015-04445)	D-34-17S-30E	1375 PSIG
Grayburg Jackson PSU FG Well No. 2 (API No. 30-015-04446)		C-34-17S-30E	1375 PSIG
	Grayburg Jackson PSU MB Well No. 3 (API No. 30-015-04358)	N-27-17S-30E	1375 PSIG
	Grayburg Jackson PSU AD Well No. 8 (API No. 30-015-10611)	B-34-17S-30E	1375 PSIG

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Grayburg Jackson PSU MB Well No. 5 (API No. 30-015-04362)		O-27-17S-30E	1275 PSIG
	Grayburg Jackson PSU AD Well No. 9 (API No. 30-015-10612)	A-34-17S-30E	1275 PSIG
	Grayburg Jackson PSU MB Well No. 6 (API No. 30-015-04363)	J-27-17S-30E	1275 PSIG
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. 3083, and 12440 (Orders No. R-2749, and R-2749-A);
IPI 4th QTR-2000