



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

October 30, 1997

The Wiser Oil Company  
P.O. Drawer 2568  
Hobbs, New Mexico 88241-2568

Attn: Ms. Stacey Crawford

**RE:   *Injection Pressure Increase,  
Caprock Maljamar Unit Waterflood Project,  
Lea County, New Mexico***

Dear Ms. Crawford:

Reference is made to your request dated July 16, 1997 and additional data supplied on October 8, 1997, to increase the surface injection pressure on a field-wide group of wells in the above referenced waterflood project. This request is based on 7 step rate tests conducted between June 2 and October 3, 1997. These tests will similarly affect 7 additional adjacent wells. Additionally, you requested that data inferred from 6 previously tested wells be used to affect 7 adjacent wells. The results of the tests and previous data have been reviewed by my staff. At this time, we feel an increase in injection pressure on the 7 recently tested wells and 13 additional wells in the subject areas of influence is justified.

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

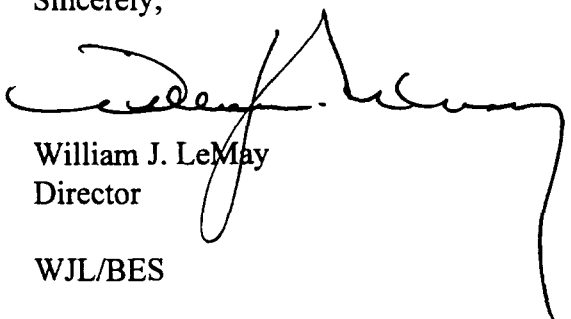
<b><i>Recently Tested Well Name and Number</i></b>	<b><i>Adjacent Well Name and Number</i></b>	<b><i>ULSTR</i></b>	<b><i>Authorized Pressure</i></b>
CMU Well No.20		K-17-17S-33E	2242 PSIG
	CMU Well No.29	M-17-17S-33E	2242 PSIG
CMU Well No.58		E-21-17S-33E	2537 PSIG
	CMU Well No.45	D-21-17S-33E	2537 PSIG
CMU Well No.73		M-24-17S-32E	2032 PSIG
	None applicable		
CMU Well No.84		P-20-17S-33E	2130 PSIG
	CMU Well No.82	N-20-17S-33E	2130 PSIG
	CMU Well No.83	O-20-17S-33E	2130 PSIG
CMU Well No.94		K-28-17S-33E	2380 PSIG
	CMU Well No.93	L-28-17S-33E	2380 PSIG
CMU Well No.96		I-28-17S-33E	2685 PSIG
	CMU Well No.100	O-28-17S-33E	2685 PSIG
CMU Well No.267		F-24-17S-32E	2570 PSIG
	CMU Well No.266	E-24-17S-32E	2570 PSIG

Further, the following 7 wells are hereby approved for injection pressure increases based on the previous test data on 6 wells:

<i>Previously Tested Well Name and Number</i>	<i>Adjacent Well Name and Number</i>	<i>ULSTR</i>	<i>Authorized Pressure</i>
CMU Well No.9		E-17-17S-33E	2550 PSIG
	CMU Well No.260	H-18-17S-33E	2550 PSIG
CMU Well No.26		N-18-17S-33E	2755 PSIG
	CMU Well No.261	O-18-17S-33E	2755 PSIG
	CMU Well No.262	B-19-17S-33E	2755 PSIG
CMU Well No.80		P-19-17S-33E	2480 PSIG
	CMU Well No.263	M-20-17S-33E	2480 PSIG
CMU Well No.35		B-24-17S-32E	1910 PSIG
	CMU Well No.265	C-24-17S-32E	1910 PSIG
CMU Well No.53		H-19-17S-33E	2096 PSIG
	CMU Well No.67	I-19-17S-33E	2096 PSIG
CMU Well No.55		F-20-17S-33E	2306 PSIG
	CMU Well No.68	L-20-17S-33E	2306 PSIG

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

Sincerely,

  
William J. LeMay  
Director

WJL/BES

cc: Oil Conservation Division - Hobbs  
File: Case File No.10094; WFXs-694,698; PSI-X 2ndQTR 98