



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

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

March 10, 1998

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

Attn: G.M. Jones

IPI-348

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

Reference is made to your request dated December 17, 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 16 step rate tests conducted between September 3 and 24, 1997. These tests will similarly affect 29 additional 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 wells contained in your request is justified.

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
Skelly Unit Well No.43	10500	C-22-17S-31E	2064 PSIG
05152	Skelly Unit Well No.1	N-15-17S-31E	2064 PSIG
22261	Skelly Unit Well No.127	O-15-17S-31E	2064 PSIG
Skelly Unit Well No.45	05346	G-22-17S-31E	1784 PSIG
	None applicable		
Skelly Unit Well No.51	05348	I-22-17S-31E	1728 PSIG
10504	Skelly Unit Well No.73	L-23-17S-31E	1728 PSIG
Skelly Unit Well No.53	05352	K-22-17S-31E	2111 PSIG
05345	Skelly Unit Well No.52	J-22-17S-31E	2111 PSIG
05354	Skelly Unit Well No.44	F-22-17S-31E	2111 PSIG
Skelly Unit Well No.54	05351	L-22-17S-31E	1923 PSIG
05340	Skelly Unit Well No.77	P-21-17S-31E	1923 PSIG
05341	Skelly Unit Well No.66	H-21-17S-31E	1923 PSIG
Skelly Unit Well No.58	05355	P-22-17S-33E	2013 PSIG
22255	Skelly Unit Well No.121	M-23-17S-31E	2013 PSIG
05423	Skelly Unit Well No.84	A-27-17S-31E	2013 PSIG
Skelly Unit Well No.59	05320	A-21-17S-31E	1876 PSIG
05358	Skelly Unit Well No.101	E-22-17S-31E	1876 PSIG
05318	Skelly Unit Well No.60	B-21-17S-31E	1876 PSIG

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Recently Tested Well Name and Number	Adjacent Well Name and Number	ULSTR	Authorized Pressure
Skelly Unit Well No.64	05319	F-21-17S-31E	1742 PSIG
05317	Skelly Unit Well No.63	D-21-17S-31E	1742 PSIG
05316	Skelly Unit Well No.62	E-21-17S-31E	1742 PSIG
Skelly Unit Well No.65	05342	G-21-17S-31E	1928 PSIG
05315	Skelly Unit Well No.61	C-21-17S-31E	1928 PSIG
05330	Skelly Unit Well No.11	I-21-17S-31E	1928 PSIG
Skelly Unit Well No.68	05338	K-21-17S-31E	1590 PSIG
05333	Skelly Unit Well No.75	N-21-17S-31E	1590 PSIG
05339	Skelly Unit Well No.67	J-21-17S-31E	1590 PSIG
Skelly Unit Well No.74	05331	M-21-17S-31E	1348 PSIG
29452	Skelly Unit Well No.300	I-23-17S-31E	1348 PSIG
05428	Skelly Unit Well No.90	C-28-17S-31E	1348 PSIG
Skelly Unit Well No.79	05369	N-23-17S-31E	1590 PSIG
05417	Skelly Unit Well No.82	C-26-17S-31E	1590 PSIG
05418	Skelly Unit Well No.83	D-26-17S-31E	1590 PSIG
Skelly Unit Well No.86	05421	C-27-17S-31E	1927 PSIG
05422	Skelly Unit Well No.85	B-27-17S-31E	1927 PSIG
05353	Skelly Unit Well No.57	O-22-17S-31E	1927 PSIG
Skelly Unit Well No.87	05420	D-27-17S-31E	1824 PSIG
05349	Skelly Unit Well No.55	M-22-17S-31E	1824 PSIG
05350	Skelly Unit Well No.56	N-22-17S-31E	1824 PSIG
Skelly Unit Well No.88	05426	A-28-17S-31E	1966 PSIG
05441	Skelly Unit Well No.95	H-28-17S-31E	1966 PSIG
20410	Skelly Unit Well No.107	E-27-17S-31E	1966 PSIG
Skelly Unit Well No.93	04885	F-28-17S-31E	1586 PSIG
04884	Skelly Unit Well No.94	G-28-17S-31E	1586 PSIG
05432	Skelly Unit Well No.100	L-28-17S-31E	1586 PSIG
Skelly Unit Well No.106	20366	C-15-17S-31E	1898 PSIG
	None applicable		

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,

Lori Wrotenbery,
Director

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LW/BES/kv

cc: Oil Conservation Division - Artesia ✓

File: Case File No.3547; WFXs-707, 714, 724; PSI-X 3rd QTR 98