



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

June 12, 1998

Pioneer Natural Resources U.S.A., Inc.  
Attention: Todd M. Yocham  
P. O. Box 3178  
Midland, Texas 79702-3178

*Paul Syron*

Re: *Addendum to Division Order R-10863 issued in Case 11704 and dated August 28, 1997 authorizing Parker and Parsley Development, L. P's (now Pioneer Natural Resources U.S.A., Inc.) Lusk West (Delaware) Unit Waterflood Project in Sections 20, 21, and 29, Township 19 South, Range 32 East, NMPM, Lea County, New Mexico.*

Dear Mr. Yocham:

Subsequent to the Division's review of: (i) the records in Case 11704; (ii) your supplemental information filed in January, March, and April, 1998; and, (iii) the well records on file in Hobbs and Santa Fe: Pioneer Natural Resources U.S.A., Inc. ("Pioneer") has provided sufficient data and explanation to satisfy the requirements pursuant to Ordering Paragraph No. (4) of the order; therefore, Pioneer is hereby authorized to commence it's the Lusk West (Delaware) Unit Waterflood Project with all other provisions of Order No. R-10863 remaining in effect.

Attached is a supplemental listing of the original wells approved by Order No. R-10863 showing for all of the wells approved for injection the Unit well name and number designations and, if applicable, API Numbers, well location changes, and actual injection intervals. Since Order No. R-10863 was issued two of these original wells will not be utilized as injection wells: (i) the Southern California Federal Well No. 4 (API No. 30-025-20877) located 1650 feet from the South line and 990 feet from the East line (Unit I) of Section 29, Township 19 South, Range 32 East, NMPM, Lea County, New Mexico, will remain a Strawn producing well; and, (ii) the Southern California Federal Well No. 12, a new well to have been drilled 660 feet from the South line and 1980 feet from the East line (Unit O) of said Section 29, which was subsequently drilled as the Lusk West Delaware Unit Well No. 915 (API No. 30-025-34130) 450' FSL & 2000' FEL (Unit I) of said Section 29 was junked and abandoned. Both of these wells will be omitted from the attached supplemental listing.

The operator of the Lusk West (Delaware) Unit Waterflood Project shall remain liable, pursuant to the rules and regulations of the New Mexico Oil Conservation Division, for any possible escape of injected waters into other formations or onto the surface from injection, production, or plugged and abandoned wells.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs  
Lori Wrotenbery, Director - NMOCD, Santa Fe  
File: Case 11704  
David R. Catanach, UIC Director - NMOCD, Santa Fe

Addendum To  
Exhibit "A"  
Case No. 11704  
Order No. R-10863

*Pioneer Natural Resources USA, Inc.  
Water Injection Wells  
Lusk West Delaware Unit Waterflood Project Area  
Township 19 South, Range 32 East, NMPM, West Lusk-Delaware Pool, Lea County, New Mexico.*

Well Name and Number	API Number	Footage Location	Unit	Section	Injection Interval	Type of Well
Lusk Deep Unit "A" Well #17 (Now the Lusk West Delaware Unit #001)	30-025-30518	330' FN & EL	A	20	6476-6484	Conversion
Lusk Deep Unit "A" Well #12 (Now the Lusk West Delaware Unit #007)	30-025-24869	1660' FNL & 2300' FEL	G	20	6446-6467	Conversion
Lusk Deep Unit "A" Well #14 (Now the Lusk West Delaware Unit #015)	30-025-30490	330' FSL - 1980' FEL	O	20	6452-6459	Conversion
Lusk Deep Unit "A" Well #20 (Now the Lusk West Delaware Unit #009)	30-025-30524	2310' FSL & 660' FEL	I	20	6469-6487	Conversion
Mobil Federal Well #1 (Now the Lusk West Delaware Unit #105)	30-025-30439	1650' FNL & 330' FWL	E	21	6469-6479	Conversion
Amoco Federal Well #2 (Now the Lusk West Delaware Unit #103)	30-025-30572	990' FNL & 1650' FWL	C	21	6489-6503	Conversion
Mobil Federal Well #4 (Now the Lusk West Delaware Unit #111)	30-025-30791	2310' FSL - 1650' FWL	K	21	6468-6476	Conversion
S. A. Bowman Federal Well #5 (Now the Lusk West Delaware Unit #911)	30-025-30165	2310' FSL & 2160' FWL	K	29	6431-6446	Conversion
Southern California Federal Well #6 (Now the Lusk West Delaware Unit #913)	30-025-30094	990' FSL & 660' FWL	M	29	6389-6399	Conversion
Southern California Federal Well #10 (Now the Lusk West Delaware Unit #907)	30-025-34132	2200' FNL - 1650' FEL 1980' FN & EL	G	29	6434 - 6451	New Drill
Southern California Federal Well #11 (Now the Lusk West Delaware Unit #901)	30-025-34131	330' FN & EL 660' FN & EL	A	29	6474 - 6478	New Drill