

BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

EXHIBIT NO. 4

CASE NO. 10636

Case 10636  
Spacing Unit Ownership - Operating Rights  
Diamond A "27" State #1  
E/2 of Section 27, T17S, R28E  
Eddy County, New Mexico

As to all depths below the base of the Abo formation to the base of the Morrow formation:

<u>Land; Owner</u>	<u>Interest Owned</u>	
S/2NE/4, N/2SE/4 and SE/4SE/4, 200 acres, more or less:		
Mewbourne Oil Company . . . . .	100%	
SW/4SE/4, 40 acres, more or less:		
Mewbourne Oil Company . . . . .	16.67%	
Samedan Oil Corporation . . . . .	66.67%	(Uncommitted)
Buddy Walker, Personal Representative of the Estate of B. F. Walker, Deceased . . . . .	16.66%	(Uncommitted)
	100.00%	
NW/4NE/4, 40 aces, more or less:		
Conoco Inc. . . . .	50.00%	(Uncommitted)
Mewbourne Oil Company . . . . .	37.5 %	
Petro Yates, Inc. . . . .	0.752315%	(Uncommitted)
Peyton Yates, Frank Yates, Jr. and S. P. Yates, Personal Representatives of the Estate of Martin Yates, III, Deceased . . . . .	0.752315%	(Uncommitted)
S. P. Yates, B. W. Harper, and Frank Yates, Jr. Personal Representatives of the Estate of Lillie M. Yates, Deceased . . . . .	0.752315%	(Uncommitted)
S. P. Yates and wife, Estelle Yates . . . . .	1.504630%	(Uncommitted)

Harvey E. Yates . . . . .	0.752315%	(Uncommitted)
Marathon Oil Company . . . . .	3.993055%	(Uncommitted)
Louis Dreyfus Natural Gas Corp. . . . .	<u>3.993055%</u>	(Uncommitted)
	100.000000%	

NE/4NE/4, 40 acres,  
more or less:

Mewbourne Oil Company . . . . .	.62.5%	
Conoco Inc. . . . .	25.0%	(Uncommitted)
Marathon Oil Company . . . . .	3.993055%	(Uncommitted)
Louis Dreyfus Natural Gas Corp. . . . .	3.993055%	(Uncommitted)
Petro Yates, Inc. . . . .	0.752315%	(Uncommitted)
Peyton Yates, Frank Yates, Jr. and S. P. Yates, Personal Representatives of the Estate of Martin Yates, III, Deceased . . . . .	0.752315%	(Uncommitted)
S. P. Yates, B. W. Harper, and Frank Yates, Jr. Personal Representatives of the Estate of Lillie M. Yates, Deceased . . . . .	0.752315%	(Uncommitted)
S. P. Yates and wife, Estelle Yates . . . . .	1.504630%	(Uncommitted)
Harvey E. Yates . . . . .	<u>0.752315%</u>	(Uncommitted)
	100.000000%	

### Spacing Unit Ownership

<u>Owner</u>	<u>%Ownership</u>	
✓ Mewbourne Oil Company . . . . .	77.10	
✓ Conoco Inc. . . . .	9.375	(Uncommitted)
✓ Marathon Oil Company . . . . .	.99	(Uncommitted)
✓ Louis Dreyfus Natural Gas Corp. . . . .	.99	(Uncommitted)
✓ Petro Yates, Inc. . . . .	.1875	(Uncommitted)
✓ Peyton Yates, et al . . . . .	.1875	(Uncommitted)
✓ S. P. Yates, et al . . . . .	.1875	(Uncommitted)
✓ S. P. Yates, et ux . . . . .	.375	(Uncommitted)
✓ Samedan Oil Corporation . . . . .	8.34	(Uncommitted)
✓ Buddy Walker . . . . .	2.08	(Uncommitted)
✓ Harvey E. Yates . . . . .	<u>.1875</u>	(Uncommitted)
	100.0000	