

Attachment 2
New Mexico "S" State #36
Downhole Commingling - Data Required

To obtain approval for downhole commingling, we have enclosed the following data pursuant to Rule 303 (C) (2) (a through j):

1. Exxon's name and address:

Exxon Corporation
P. O. Box 1600
Midland, TX 79702

2. Lease name, well number, well location, and name of pools to be commingled:

New Mexico "S" State No. 36, Unit B, Section 2, T-22-S, R-37-E, Lea County, New Mexico. Pools to be commingled: Wantz Abo and Wantz Granite Wash.

3. A plat of the area showing the acreage dedicated to the well and ownership of all offsetting leases:

Attached.

4. A 24-hour productivity test on Division Form C-116 showing the amount of oil, gas, and water produced from each zone:

Tests for the Wantz Abo and Wantz Granite Wash are attached.

5. A production decline curve for zones showing that for a period of at least one year a steady rate of decline has been established for each zone which will permit a reasonable allocation of the commingled production to each zone for statistical purposes:

Decline curves for the Wantz Abo and Wantz Granite Wash are attached.

6. A current bottomhole pressure for each zone capable of flowing:

Measured shut-in bottomhole pressure is 821 psia for the Wantz Abo (measured by static downhole pressure bomb in the New Mexico "S" State #36), and 610 psia for the Wantz Granite Wash (measured by static downhole pressure bomb in the New Mexico "S" State #33). When adjusted to a common average datum of 3670 feet subsea, the Wantz Abo pressure is 827 psia and the Wantz Granite Wash pressure is 605 psia.

7. A description of the fluid characteristics of each zone showing that the fluids will not be incompatible in the wellbore:

Produced fluids are already surface commingled with no compatibility problems.