

IT IS THEREFORE ORDERED THAT: DHC R-8218

(1) The applicant, Exxon Corporation, is hereby authorized to commingle Undesignated Upper Pennsylvanian (Cisco and Canyon) and Undesignated (Sheep Draw) Strawn Pool production within the wellbore of the Mary Federal Well No. 5, located in Unit N of Section 11, Township 23 South, Range 25 East, NMPM, Eddy County, New Mexico.

PROVIDED HOWEVER that in order to allocate the commingled production to each of the commingled gas zones in the well, the applicant shall conduct a multipoint back pressure test and a gas analysis on the well after perforating the Upper Pennsylvanian formation, and shall submit these tests to the supervisor of the Division's Artesia district office.

PROVIDED FURTHER that if an accurate allocation formula cannot be determined by the multipoint tests, the supervisor of the Division's Artesia district office shall have the authority to require the applicant to conduct additional tests or production logs as he deems necessary to determine an accurate allocation formula for the well.

(2) The operator of the subject well shall immediately notify the Division's Artesia district office any time the well has been shut-in for 7 consecutive days and shall concurrently present, to the Division, a plan for remedial action.

VITA LOCKWOOD
ADMINISTRATIVE SECRETARY

February 3, 1992

SANTA FE, NEW MEXICO 87504
(505) 827-5800

Exxon Company U.S.A.
P.O. Box 1600
Midland, Texas 79702-1600

Attention: Don J. Bates

Re: Mary Federal Well No. 5
Section 11, T-23 South, R-25 East, NMPM

RECEIVED
FEB 08 1993
O.C.D.

Dear Mr. Bates:

As per your letter request dated January 8, 1993, the allocation of production from the Mary Federal Well No. 5, approved for downhole commingling by Division Order No. R-8218, is hereby set as follows:

<u>POOL</u>	<u>OIL/CONDENSATE</u>	<u>GAS</u>
Undesignated Pennsylvanian Pool	95%	55%
Sheep Draw-Strawn Pool	5%	45%

The production allocation described above is hereby made retroactive to May, 1991, being the date of first production from the subject well.

CN
9600-10,361
Borehole Compensated
Sonic Log
9600-10,351

2-13-86
Temp. Log
9700-10,359

DHC R-8218
Appr. 5-9-86 & 2-3-92
Penn - oil - 95% gas 55%
Strawn - oil - 5% gas 45%

NSL-2122 Appr 8-20-85

Goat Seep Reef 1775

Wolfcamp 8602

Strawn 9785

Atoka 10900

30-015-25378

David - 141913
Prep - 16760
Pool - 85110

Mary Fed. #5

Ut. N SE SW