## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION HOBBS DISTRICT OFFICE

6-28-88

POST OFFICE BOX 1980 HOBBS, NEW MEXICO 88241-1980 (505) 393-6161

DUC-695

GARREY CARRUTHERS

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC DHC X NSL NSP SWD WFX PMX

Gentlemen:

I have examined the application for the:

us Oil CO. Lease & Well No. Unit S-T-R Operator

and my recommendations are as follows:

OX

Yours very truly,

Jerry Sexton Supervisor, District l

/ed

## PETRUS OIL COMPANY, L.P.

12377 MERIT DRIVE, SUTTE 1600 - DALLAS, TEXAS 75251 (214) 788-3500 - FACSIMILE (214) 788-3399

June 24, 1988

Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504-2088

ATTN: Mr. Michael Stogner

Re: Downhole Commingling State D #2 Sec 11, T17S, R33E Lea County, New Mexico

Gentlemen:

Petrus respectfully requests an administrative exception to Rule 303-A to downhole commingle the production from Queen and Grayburg formations in our State "D" No. 2. The combined production from the two pools is 8 BOPD, which does not exceed the 20 BOPD limit for commingled production at this depth.

Attach please find information to support our application. Please call me at the above telephone number if you have any questions.

Sincerely,

uson Welch

Suzanh Welch Regulatory Coordinator

Enclosures in duplicate

CC: **PLOT** P. O. Box 1980 Hobbs, NM 88240

## APPLICATION FOR ADMINISTRATIVE APPROVAL OF RULE 303-A

- a. OPERATOR: Petrus Oil Company, L. P. 12377 Meit Drive, Suite 1600 Dallas, Texas 75251
- b. LEASE: State "D" Well No. 2 Unit Letter L 1980' FSL & 660' FWL Section 11, T 17 S, R 33 E
  - POOLS TO COMMINGLE: Sanmal Queen Maljamar Grayburg
- c. ACREAGE PLAT: Attached
- d. C-116 for each zone
- e. PRODUCTION DECLINE CURVE: Sanmal Queen recompletion C-105 and C-103 retest attached Maljamar Grayburg curve attached
- f. ESTIMATED BHP: Sanmal Queen -- 1300 psi Maljamar Grayburg -- 1000 psi
- g. FLUIDS: produced fluids are compatible oil gravities -- 36 deg API
- h. VALUE: QUEEN 3 BOPD X \$17.50/BBL GRAYBURG 5 BOPD X \$17.50/BBL ---8 BOPD x \$17.50/BBL

There are no gravity deductions so price is the same for both formations. Value of the combined production will be the same as the sum of the individual production.

i. ALLOCATION:

Production from the two zones will be allocated based on the established production rate for the Grayburg (5 BOPD, 13 MCFD) and the test of the Queen (3 BOPD, 50 MCFD).

j. NOTIFICATION:

Phillips Petroleum has been sent a waiver request by Federal Express on 06-24-88. See attachment. Will forward signed Waiver of Objection as soon as it is returned.

							D.
No well will be assigned an allowable greater than the amount of oil produced on the official test. During gas-oil ratio test, each well shell be produced as a rate not exceeding the top unit allowable for the pool in which well is located by more than 23 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Division. Gas volumes must be reported in MCF measured at a pressure base of 15.025 pais and a temperature of 60° F. Specific gravity base will be 0.80. Report casing pressure in lisu of tubing pressure for any well producing through casing. Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Divisios in accordance with Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Divisios in accordance with Maile 301 and appropriate pool rules.		· · · · · · · · · · · · · · · · · · ·	State D	LEASE NAME	Petrus Oil Company, L. P.	-	STATE OF NEW MEXICO ENERGY AND MINEPALS DEPARTMENT
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P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

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P. O. BOX 2088

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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## SANTA FE, NEW MEXICO 87501

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Operator Lease						Well No.	
Petrus Oil C	Company, L	. P		State D			2
Unit Letter Secti		Township	Ro	nge	County		
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Form C-102 Revised 10-1-78

