

DISTRICT I

P.O. Box 1888, Hobbs, NM 88241-1888

State of New Mexico
Energy, Minerals and Natural Resources DepartmentForm C-107-A
New 3-12-96

DISTRICT II

811 South First St., Artesia, NM 88210-2825

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

DISTRICT III

1008 Rio Brazos Rd., Artec, NM 87418-1882

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

☒ YES ☐ NO

Yates Petroleum Corporation

105 S. Fourth Street

Artesia, NM 88210

Operator

Address

Pawnee APW State

1

A-20-18S-35E

Lea

Lease

Well No.

Unit(s): Sec. Twp. Rge.

County

OGRID NO. 025575

Property Code 018837

API NO. 30-025-33388

Spacing Unit Lease Type(s): (select 1 or more)

Federal ☐ State ☒ (under) Fee ☐

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Queen Sand	Grayburg	Wildcat San Andres 96668
2. Top and Bottom of Pay Section (Perforations)	4374'-4388'	4738'-4742'	5140'-5358'
3. Type of production (Oil or Gas)	Gas	Oil	Oil
4. Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift	Artificial Lift
5. Bottomhole Pressure	a. (Current) 1500	a. 1350	a. (Current) 2050
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original)	b.	b. (Original)
6. Oil Gravity (API) or Gas STU Content	39° API @ 60°F		37° API @ 60°F
7. Producing or Shut-in?	Shut-in	Shut-in	Producing
Production Marginal? (yes or no)	Yes	Yes	Yes
* If Shut-in, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.	Date: 2-15-97 Rates: 5 BOPD 54 BWPD 0 MCFGPD	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: 1-13-97 Rates: 44 BOPD 84 BWPD 0 MCFGPD
9. Fixed Percentage Allocation Formula: % for each zone (total of %'s to equal 100%)	Oil: 10% Gas: 0%	Oil: 0% Gas: 0%	Oil: 90% Gas: 100%

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ NoIf not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ NoHave all offset operators been given written notice of the proposed downhole commingling? ☒ Yes ☐ No11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Land Management has been notified in writing of this application. ☒ Yes ☐ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). _____

16. ATTACHMENTS:

- * C-102 for each zone to be commingled showing its spacing unit and acres
- * Production curve for each zone for at least one year. (If not available, att
- * For zones with no production history, estimated production rates and supp
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding, and royalty interests for uncommo
- * Any additional statements, data, or documents required to support commi

BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 11781 Exhibit No. 1Submitted by: Yates Petroleum CorporationHearing Date: May 15, 1997

I hereby certify that the information above is true and complete to the best of my knowl

SIGNATURE

Morris Keith

TITLE

Operations Engineer

DATE

3-4-97

TYPE OR PRINT NAME

Morris Keith

TELEPHONE NO.

(505) 748-1471

