

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210-2835

DISTRICT III

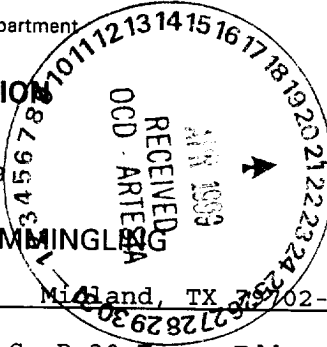
1000 Rio Brazos Rd, Aztec, NM 87410-1693

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

OIL CONSERVATION DIVISION

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

APPLICATION FOR DOWNHOLE COMMINGLING



APPROVAL PROCESS:

☒ Administrative Hearing

EXISTING WELLBORE.

☒ YES ☐ NO

Pogo Producing Company

P.O. Box 10340

Midland, TX 79702-7340

Operator
FNR "26"

1

Address

M, Sec 26, T-23-S, R-30-E

Eddy

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO. 17891

Property Code 23719 API NO.

30-015-30412

Spacing Unit Lease Types: (check 1 or more)
Federal ☒ State ☐ (and/or) Fee

| The following facts are submitted in support of downhole commingling: | | Upper Zone | Intermediate Zone | Lower Zone |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------|-------------------------------------------------|------------|
| 1. Pool Name and Pool Code | SE FORTY-NINER RIDGE DELAWARE 96843 | | FORTY NINER RIDGE BONE SPRING 032836 | |
| 2. Top and Bottom of Pay Section (Perforations) | 7598' - 7617' | | 9258' - 9415' | |
| 3. Type of production (Oil or Gas) | OIL | | OIL | |
| 4. Method of Production (Flowing or Artificial Lift) | ARTIFICIAL LIFT | | ARTIFICIAL LIFT | |
| 5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original | a. (Current) 3500 psi b. (Original) 3550 psi | a. b. | a. 4050 psi SI b. 4080 psi | |
| 6. Oil Gravity (API) or Gas BTU Content | 40.8° API | | 42.8° API | |
| 7. Producing or Shut-In? | PRODUCING | | SHUT IN | |
| Production Marginal? (yes or no) * 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 * If Producing, give date and oil/gas/ water rates of recent test (within 60 days) | NO | | NO | |
| | Date: 3-11-1999 Rates: 20 BO, 118 BW, 48 MCF | Date: Rates: | Date: 11/25/1998 Rates: 44 BO, 29 BW, 44 MCF | |
| | Date: Rates: | Date: Rates: | Date: Rates: | |
| 8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%) | Oil: 31% Gas: 52% | Oil: % Gas: % | Oil: 69% Gas: 48% | |

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.

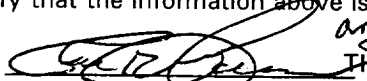
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☐ Yes ☐ No (None)11. 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? ☒ Yes ☐ No13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau 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 acreage dedication.
- * Production curve for each zone for at least one year. (If not available, attach explanation.)
- * For zones with no production history, estimated production rates and supporting data.
- * Data to support allocation method or formula.
- * Notification list of all offset operators.
- * Notification list of working, overriding, and royalty interests for uncommon interest cases.
- * Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE:  TITLE: Div. Petr. Engr. Mngr. DATE: _____
TYPE OR PRINT NAME: Ron D. Gasser TELEPHONE NO. (915) 685-8100