

DHC 12/2/99

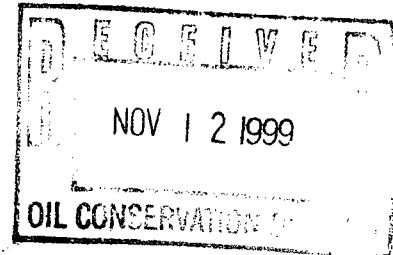


**POGO PRODUCING COMPANY**

**CERTIFIED MAIL – RETURN RECEIPT REQUESTED**

November 8, 1999

New Mexico Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
Attention: Mr. David R. Catanach



2529

RE: Southeast Red Tank Prospect  
Lea County, New Mexico  
Application for Administrative Approval  
for Downhole Commingling in the  
Covington "A" Federal No. 10 Well  
located 660' FSL and 1980' FEL  
Section 25, T-22-S, R-32-E  
Federal Oil and Gas Lease NM NM2379  
Pogo Lease L12

Gentlemen:

Pogo Producing Company respectfully submits Form C-107 (in duplicate), along with attachments thereto, in connection with Pogo's request for Administrative approval to downhole commingle production from the captioned well.

If you have any questions, please give me a call at (915) 685-8120.

Sincerely,

POGO PRODUCING COMPANY

Terry Gant  
Division Landman

Enclosure

cc: New Mexico Oil Conservation Division (w/copy of enclosure)  
Attn: District Supervisor  
P.O. Box 1980  
Hobbs, NM 88240

Pogo Producing Company

P.O. Box 10340

Midland, TX 79702-7340

Operator

Address

Covington A Federal

10

O, Sec 25, T-22-S, R-32-E

Lea

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO.

Property Code

API NO.

Spacing Unit Lease Types: (check 1 or more)

17891

9316


30-025-32581

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	RED TANK: DELAWARE WEST 51689		RED TANK: BONE SPRING 51683	
2. Top and Bottom of Pay Section (Perforations)	8343' - 8548'		8820' - 8866'	
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)  300 psi Producing (estimated)	a.	a.  1000 psi SI (estimated)	
	b. (Original) 3218 psi SI	b.	b. 3637 psi SI	
6. Oil Gravity ( API) or Gas BTU Content	40.4		42.1	
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		YES	
	Date: 5-16-99 Rates: 33 BO, 184 BW, 51 MCF	Date: Rates:	Date: 2-6-99 Rates: 2 BO, 0 BW, 48 MCF	
	Date: Rates:	Date: Rates:	Date: Rates:	
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: 94% Gas: 52%	Oil: % Gas: %	Oil: 6% 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
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 ☐ No
13. 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. Mgr.

DATE: 6-4-99

TYPE OR PRINT NAME: Ron D. Gasser

TELEPHONE NO. (915) 685-8100

DISTRICT I

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

DISTRICT II

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

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

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

☒ Administrative Hearing.

DISTRICT III

EXISTING WELLBORE.

1000 Rio Brazos Rd, Aztec, NM 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

☒ YES ☐ NO.

Pogo Producing Company

P.O. Box 10340

Midland, TX 79702-7340

Operator Address  
Covington A Federal 10 O, Sec 25, T-22-S, R-32-E Lea  
Lease Well No. Unit Ltr. - Sec - Twp - Rge County  
OGRID NO. 17891 Property Code 9316 API NO. 30-025-32581 Spacing Unit Lease Types: (check 1 or more)  
Federal ☒ State ☐ Fee

The following facts are submitted in support of downhole commingling:			
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  - \* 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: Ron D. Gasser TITLE: Div. Petr. Engr. Mgr. DATE: 6-4-99  
TYPE OR PRINT NAME: Ron D. Gasser TELEPHONE NO. (915) 685-8100

DISTRICT I  
P.O. Box 1988, Hobbs, NM 88241-1988

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT II  
P.O. Drawer 88, Artesia, NM 86211-0719

DISTRICT III  
1000 Rio Brazos Rd., Artec, NM 87410

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-32581	Pool Code 51689	Pool Name Red Tank Delaware West
Property Code 9316	Property Name COVINGTON "A" FEDERAL	Well Number 10
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 3772

Surface Location

UL or lot No. 0	Section 25	Township 22 S	Range 32 E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 1980	East/West line EAST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cathy Tomberlin</i> Signature</p> <p>Cathy Tomberlin Printed Name</p> <p>Operations Technician Title</p> <p>3/19/99 Date</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>MAY 1, 1995 Date Surveyed</p> <p><i>Ronald J. Eidson</i> Signature &amp; Seal</p> <p>Professional Surveyor JLP</p> <p>5-4-95</p> <p>W.O. Num. 95-4-0705</p> <p>W. WEST, 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641</p>

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**DISTRICT II**  
**F.O. Brewer RD. Artesia, NM 88211-0719**

# OIL CONSERVATION DIVISION

**P.O. Box 2088**  
**Santa Fe, New Mexico 87504-2088**

**DISTRICT III**  
1000 Rio Brazos Rd., Artec, NM 87410

**DISTRICT IV**  
P.O. Box 2088, Santa Fe, NM 87504-2088

**☐ AMENDED REPORT**

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-32581	Pool Code 51683	Pool Name UNDES. RED TANK BONE SPRINGS
Property Code 9316	Property Name COVINGTON "A" FEDERAL	Well Number 10
OGRIID No. 17891	Operator Name POGO PRODUCING COMPANY	Elevation 3772

### Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	25	22 S	32 E		660	SOUTH	1980	EAST	LEA

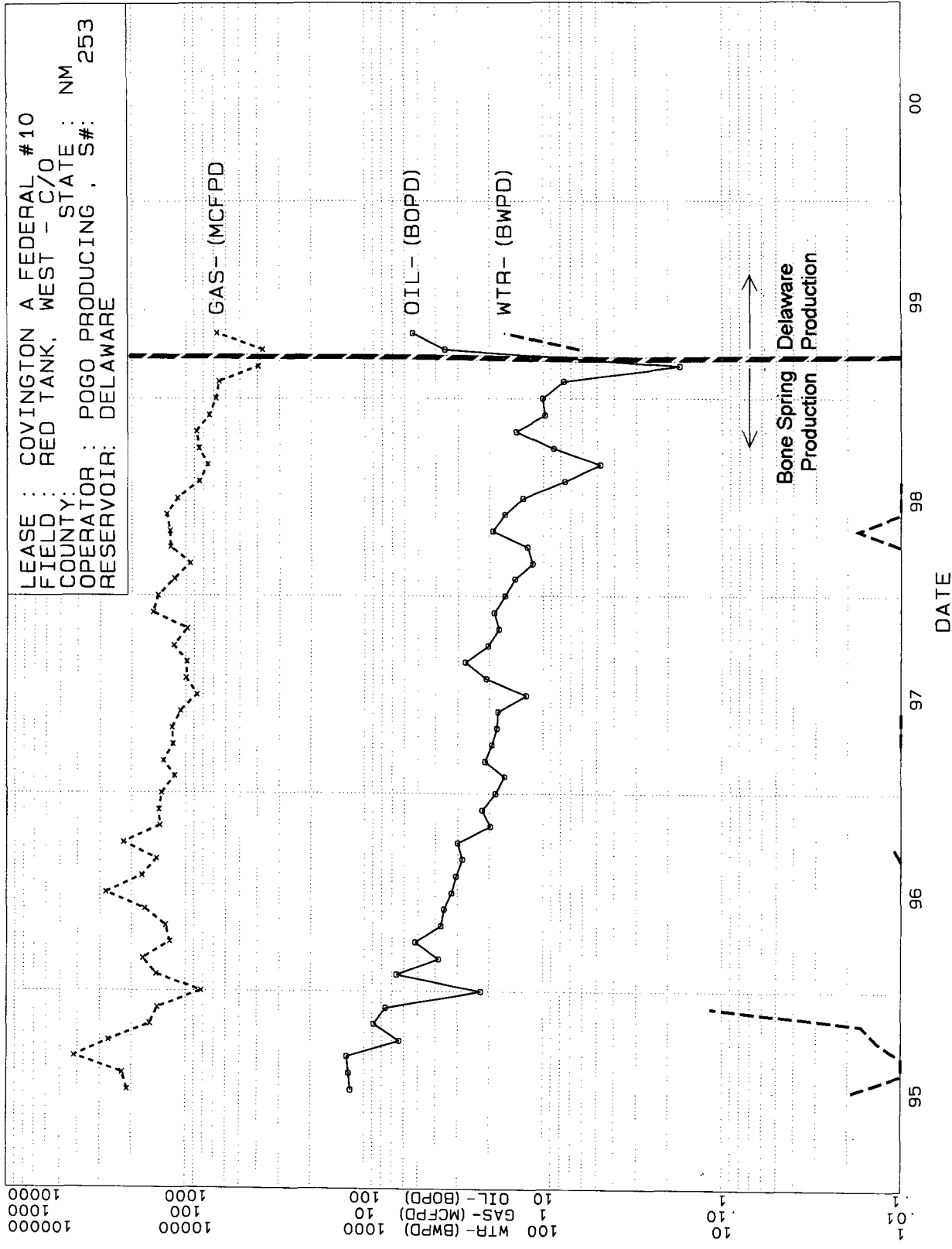
## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
40	N								

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<div style="border: 1px solid black; padding: 5px;"> <p align="center"><b>OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p align="center"><u>Richard L. Wright</u> Signature</p> <p align="center"><u>Richard L. Wright</u> Printed Name</p> <p align="center"><u>Division Operations Mgr.</u> Title</p> <p align="center"><u>May 8, 1995</u> Date</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p align="center"><b>SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p align="center"><u>MAY 4 1995</u> Date Surveyed</p> <p align="center"><u>Ronald J. Eidson</u> Signature &amp; Seal of Professional Surveyor</p> <p align="center"><u>W. E. Eidson</u> W. E. Eidson, 95-11-0705</p> <p align="center">Certificate of PROFESSIONAL SURVEYOR</p> <p align="center">RONALD J. EIDSON, 3239 GARY G. EIDSON, 12841</p> </div>
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LEASE : COVINGTON A FEDERAL #10  
 FIELD : RED TANK, WEST - C/O  
 COUNTY : STATE : NM 253  
 OPERATOR : POGO PRODUCING , S#:  
 RESERVOIR: DELAWARE



DHC-2529



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GOVERNOR

11/19/99

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

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

RE: Proposed:  
MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

<i>Pogo Producing Co</i>	<i>Covington A Federal</i>	# <i>10-0-25-225-32e</i>
Operator	Lease & Well No. Unit	S-T-R <i>API # 30-025-32581</i>

and my recommendations are as follows:

*OK-*

Yours very truly,

*Chris Williams*  
Chris Williams  
Supervisor, District 1

/ed