



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:

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

and my recommendations are as follows:

OR-

Yours very truly,

Chris Williams
Supervisor, District 1

/ed



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

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

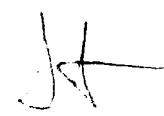
Gentlemen:

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

DISTRICT I

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

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 88210-2835

OIL CONSERVATION DIVISION

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

APPROVAL PROCESS:

☒ Administrative Hearing.

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE.

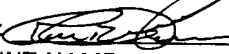
☒ YES ☐ NO.

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 ☐ , (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 TFI PHONE NO. (915) 605 8100

DISTRICT I
P.O. Box 1900, Hobbs, NM 88241-1900

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

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
OCRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 3772

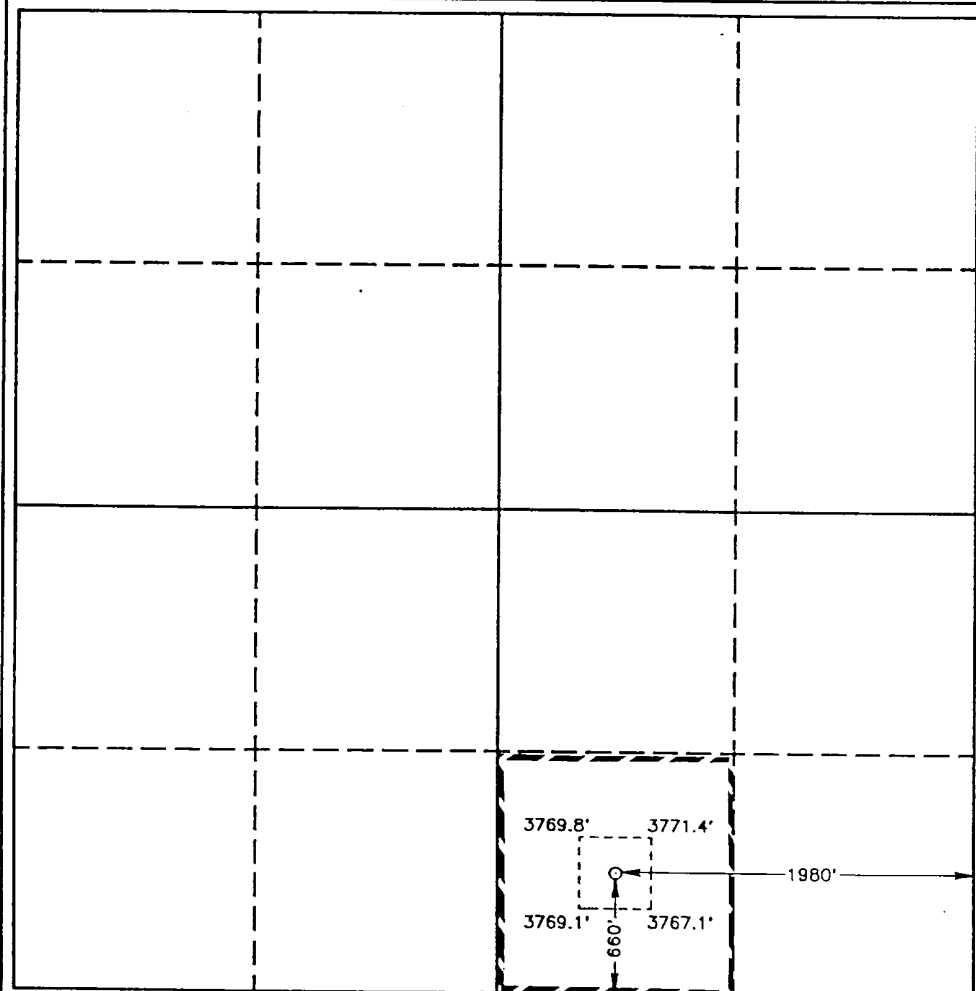
Surface Location

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>OPERATOR CERTIFICATION</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>SURVEYOR CERTIFICATION</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 & Seal</p> <p>Professional Surveyor NEW MEXICO</p> <p>W.O. Num. 95-511-0705</p>
	<p>Certificates to: No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY G. EIDSON, 12641</p>

DISTRICT I

P.O. Box 1960, Hobbs, NM 88241-1960

DISTRICT II

P.O. Drawer 88, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 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
OGRID 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
Dedicated Acres 40	Joint or Infill N	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

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Richard L. Wright Printed Name Division Operations Mgr. Title May 8, 1995 Date	
	SURVEYOR CERTIFICATION 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. Date Surveyed: MAY 15 1995 Signature & Seal of Professional Surveyor W. G. N. M. 95-13-0705 Certificate No. 3239	
	JLP 5-4-95	
	W. G. N. M. 95-13-0705 Certificate No. 3239 RONALD J. EIDSON, 676 GARY G. EIDSON, 12641	

