

108250791 DHC

4/11/01



**POGO PRODUCING COMPANY**

March 20, 2001

Via CM RRR 7099 3220 0005 5521 1216  
New Mexico Oil Conservation Division  
Attn: Mr. David R. Catanach  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505

RECEIVED  
MAR 22 2001  
CONSERVATION DIVISION  
2504

Re: RED TANK, SE PROSPECT  
Lea County, New Mexico  
APPLICATION FOR ADMINISTRATIVE APPROVAL FOR DOWNHOLE COMMINGLING  
Calmon 30 State No 1 Well  
1,980' FNL and 330' FWL, Section 30, T-22-S, R-33-E, N.M.P.M.  
New Mexico State Lease VB-0374  
Pogo Lease L758

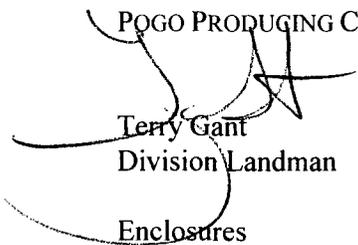
Gentlemen:

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

Should you have any questions regarding this matter, please give me a call at (915) 685-8120.

Sincerely,

POGO PRODUCING COMPANY

  
Terry Gant  
Division Landman

Enclosures

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

New Mexico State Land Office  
P.O. Box 1148  
Santa Fe, New Mexico 87504-1148

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
811 South First Street, Artesia, NM 88210

District III  
Well  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco

APPLICATION TYPE  
 Single

Santa Fe, New Mexico 87505

Establish Pre-Approved Pools  
EXISTING WELLBORE  
 Yes  No

APPLICATION FOR DOWNHOLE COMMINGLING

Pogo Producing Company P. O. Box 10340 Midland, TX 79702-7340

Operator Calmon 30 State Address E, Sec 30, T-22-S, R-33-E Lea  
Lease 017891 Well No. 17459 Unit Letter-Section-Township-Range 30-025-33130 County X  
OGRID No. Property Code API No. Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Red Tank; Delaware, West		Red Tank; Bone Spring, East
Pool Code	51689		51687
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8116' - 8560'		8862' - 8898'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Current: 300 psi Producing (e) Original: 3218 psi Shut-In		Current: 1000 psi Shut-In (e) Original: 3637 psi Shut-In
Oil Gravity or Gas BTU (Degree API or Gas BTU)	42.8 degrees API		41.8 degrees API
Producing, Shut-In or New Zone	Producing		Shut-In
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: 3-3-01 Rates: 8 BO, 80 BW, 39 MCF	Date: Rates:	Date: 2-9-98 Rates: 17 BO, 0 BW, 66 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 32 % Gas 37 %	Oil % Gas %	Oil 68 % Gas 63 %

ADDITIONAL DATA

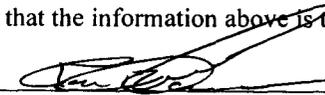
Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No   
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes  No   
Are all produced fluids from all commingled zones compatible with each other? Yes  No   
Will commingling decrease the value of production? Yes  No   
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No   
NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

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 working, royalty and overriding royalty interests for uncommon interest cases.  
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools  
List of all operators within the proposed Pre-Approved Pools  
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  
Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNATURE  TITLE Div. Petroleum Engineering Mgr. DATE 3-20-2001  
TYPE OR PRINT NAME Ron D. Gasser TELEPHONE NO. (915) 685-8100

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

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

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-33130	Pool Code 51689	Pool Name Red Tank; Delaware, West
Property Code 17459	Property Name CALMON 30 STATE	Well Number 1
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 3743

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	30	22 S	33 E		1930	NORTH	330	WEST	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	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>I hereby certify the the information contained heretin is true and complete to the best of my knowledge and belief.</i></p> <p><i>Barrett L. Smith</i> Signature Barrett L. Smith Printed Name Sr. Operations Engineer Title March 9, 2001 Date</p>	
	<p><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>SEPTEMBER 11, 1995 Date Surveyed</p> <p><i>John E. Eidson</i> Signature &amp; Seal of Professional Surveyor Professional Surveyor</p> <p>NO. Num. 95-1455</p> <p>Certification No. JOHN E. EIDSON 676 EIDSON 3239 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  
P.O. Drawer DD, Artesia, NM 88211-0719

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

**OIL CONSERVATION DIVISION**  
P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-33130	Pool Code 51687	Pool Name Red Tank; Bone Spring, East
Property Code 17459	Property Name CALMON 30 STATE	Well Number 1
OGRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 3743

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	30	22 S	33 E		1930	NORTH	330	WEST	LEA

**Bottom Hole Location If Different From Surface**

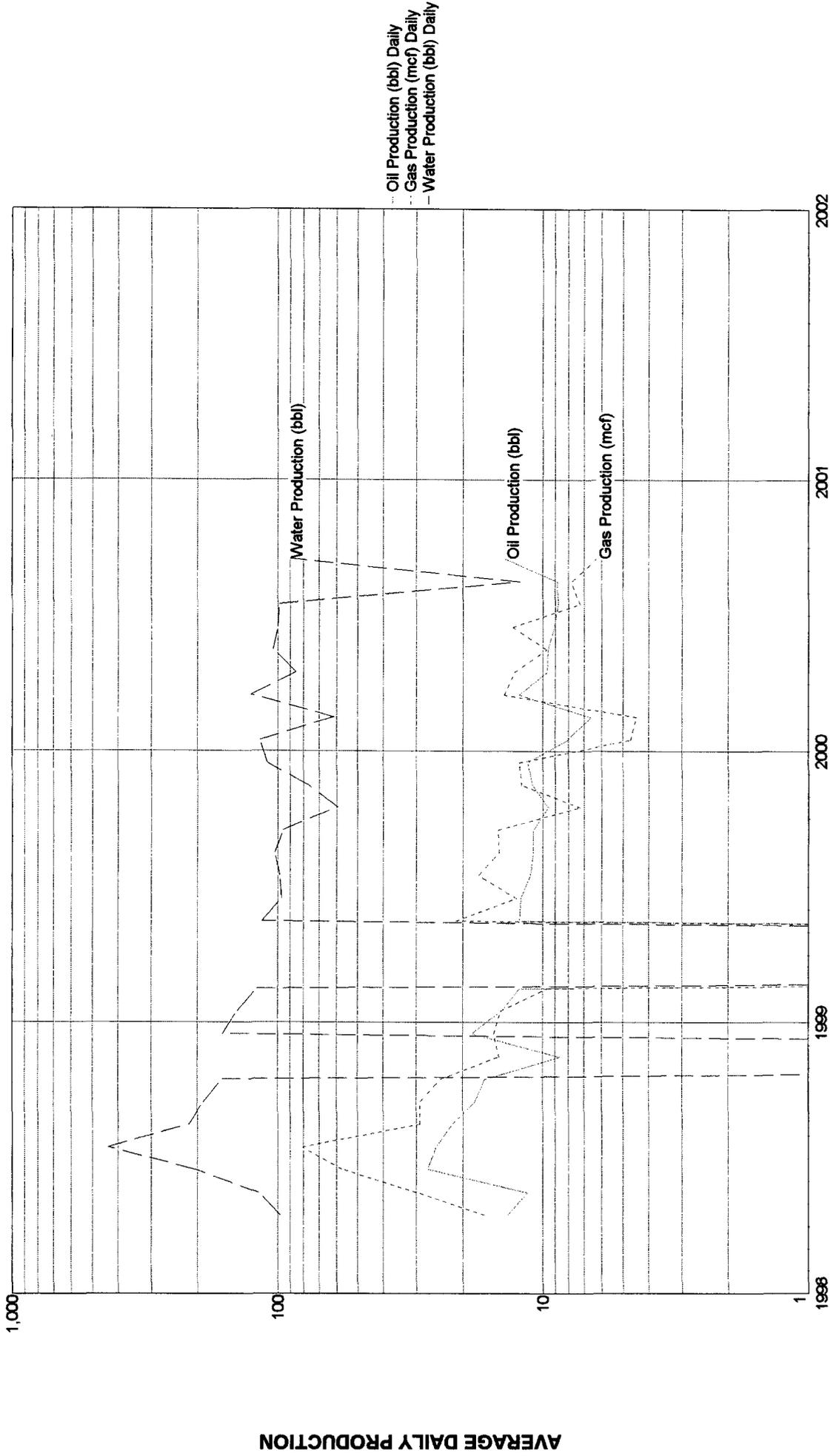
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40		Joint or Infill	Consolidation Code	Order No.					

**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>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><i>Barrett L. Smith</i> Signature Barrett L. Smith Printed Name Sr. Operations Engineer Title March 9, 2001 Date</p>		
	<p><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>SEPTEMBER 11, 1995 Date Surveyed</p>		
	<p>Signature &amp; Seal of Professional Surveyor            No. 12645          REG. No. 95-1455</p>		
	<p>Certification No. JOHN E. EIDSON 676 3239 EIDSON 12641</p>		

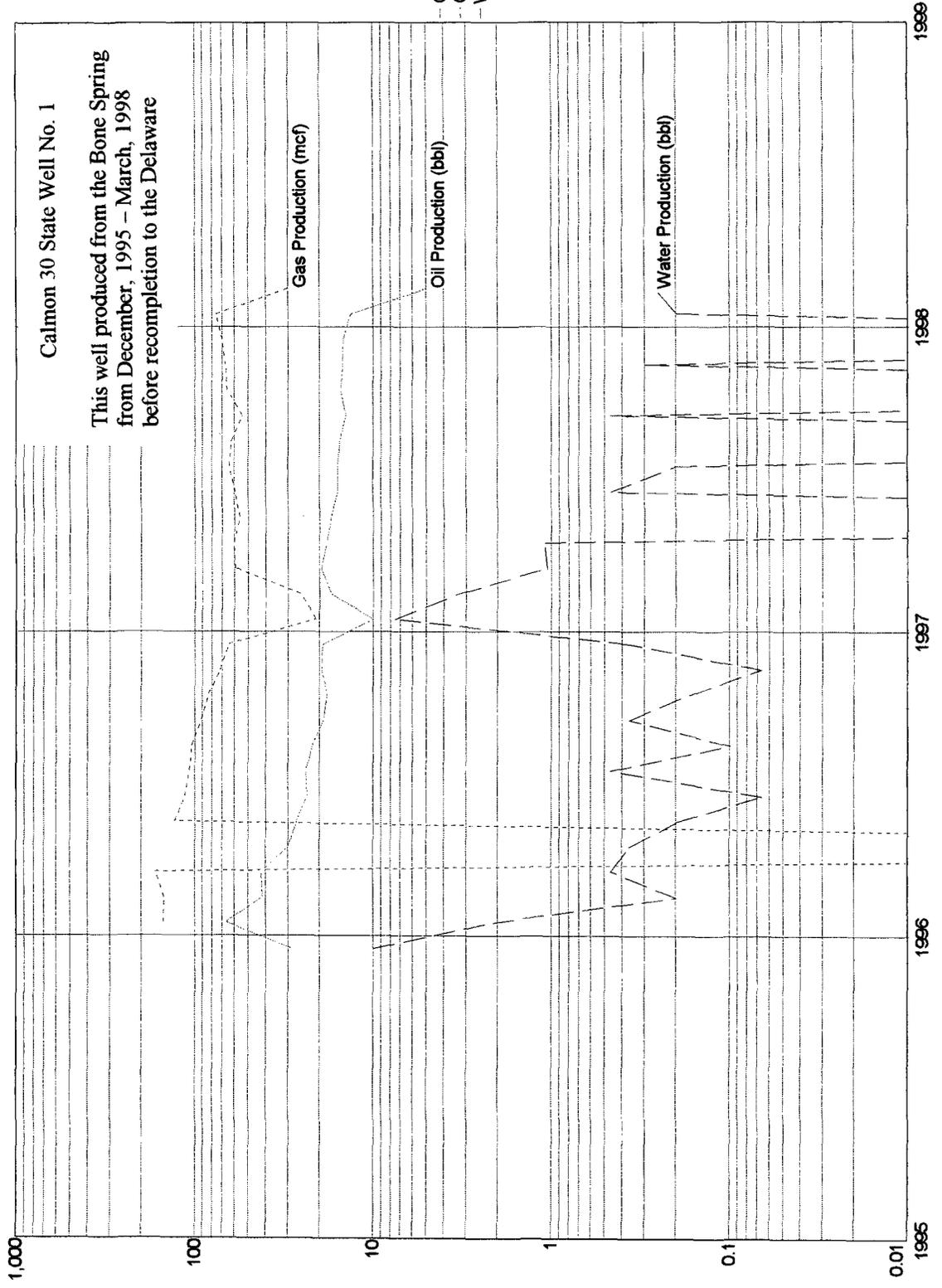
Lease Name: CALMON 30 STATE  
 County, State: LEA, NM  
 Operator: POGO PRODUCING COMPANY  
 Field: RED TANK WEST  
 Reservoir: DELAWARE  
 Location: 30 22S 33E

**WELL NUMBER 1**



Lease Name: CALMON 30 STATE  
County, State: LEA, NM  
Operator: POGO PRODUCING COMPANY  
Field: RED TANKEAST  
Reservoir: BONE SPRINGS  
Location: 30 22S 33E

**WELL NUMBER 001**



**AVERAGE DAILY PRODUCTION**

Oil Production (bbt) Daily  
Gas Production (mcf) Daily  
Water Production (bbt) Daily

**YEAR**