



**POGO PRODUCING COMPANY**

April 10, 2002

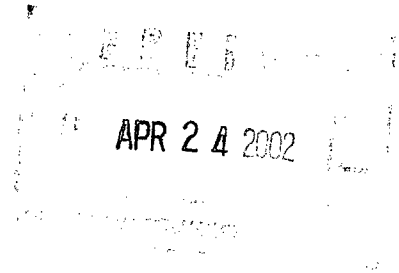
**VIA CM RRR 7000 0520 0024 4232 1925**

New Mexico Oil Conservation Division

Attn: Mr. David R. Catanach

2040 South Pacheco Street

Santa Fe, New Mexico 87505



Re: CEDAR CANYON PROSPECT  
Eddy County, New Mexico

**APPLICATION FOR ADMINISTRATIVE APPROVAL FOR DOWNHOLE COMMINGLING**

River Bend Federal No 7 Well

2,280' FNL and 460' FWL, Section 23, T-24-S, R-29-E, N.M.P.M.

Federal Oil and Gas Lease NM-81586

Pogo Lease L641

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 contact Mr. Ron Gasser at (915) 685-8130.

Sincerely,

POGO PRODUCING COMPANY

  
Terry Gant  
Division Landman

Enclosures

cc (w/enclosure): New Mexico Oil Conservation Division  
Attn: District Supervisor  
811 South First Street  
Artesia, New Mexico 88210

Bureau of Land Management  
P.O. Box 27115  
Santa Fe, New Mexico 87502-0115

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  
  X   Single

Santa Fe, New Mexico 87505

       Establish Pre-Approved Pools  
EXISTING WELLBORE  
  X   Yes        No

APPLICATION FOR DOWNHOLE COMMINGLING

Pogo Producing Company		P. O. Box 10340		Midland, TX 79702-7340	
Operator River Bend Federal		7		Address E, Sec 23, T-24-S, R-29-E  Eddy	
Lease 017891		Well No. 15019		Unit Letter-Section-Township-Range 30-015-27994	
OGRID No. _____		Property Code _____		API No. _____	
				Lease Type: <u>  X  </u> Federal <u>      </u> State <u>      </u> Fee	

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Cedar Canyon; Delaware		Pierce Crossing, East; Bone Spring
Pool Code	11540		96473
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Perforations 4370' – 4381' 5330' – 5354'		Perforations 7814' - 7922' 8780' – 8848'
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: 1000 psi Shut-In (e)  Original: 2250 psi Shut-In (e)		Current: 500 psi Producing (e)  Original: 3640 psi Shut-In (e)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	38.2 degrees API		42.2 degrees API
Producing, Shut-In or New Zone	Shut-In		Producing
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: 6-5-96  Rates: 8 BO, 84 BW, 3 MCF	Date:  Rates:	Date: 12-31-01  Rates: 11 BO, 19 BW, 70 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  42 %	Gas  4 %	Oil  58 %
			Gas  96 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?	Yes <u>  X  </u> No <u>      </u>
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes <u>      </u> No <u>      </u>
Are all produced fluids from all commingled zones compatible with each other?	Yes <u>  X  </u> No <u>      </u>
Will commingling decrease the value of production?	Yes <u>      </u> No <u>  X  </u>
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 <u>  X  </u> No <u>      </u>
NMOCD Reference Case No. applicable to this well: _____	

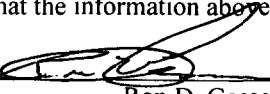
Attachments:  
C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  
Production curve for each zone for at least one year. (If not available, attach explanation.)  
For zones with no production history, estimated production rates and supporting data.  
Data to support 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 <u>Div. Petroleum Engineering Mgr.</u>	DATE <u>4-2-2002</u>
TYPE OR PRINT NAME <u>Ron D. Gasser</u>	TELEPHONE NO. ( <u>915</u> ) <u>685-8100</u>	

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Instruction on back  
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--15-27994	Pool Code 96473	Pool Name Pierce Crossing; Bone Spring, East
Property Code 15019	Property Name RIVER BEND FEDERAL	Well Number 7
OGRID No. 017891	Operator Name POGO PRODUCING CO.	Elevation 2955'

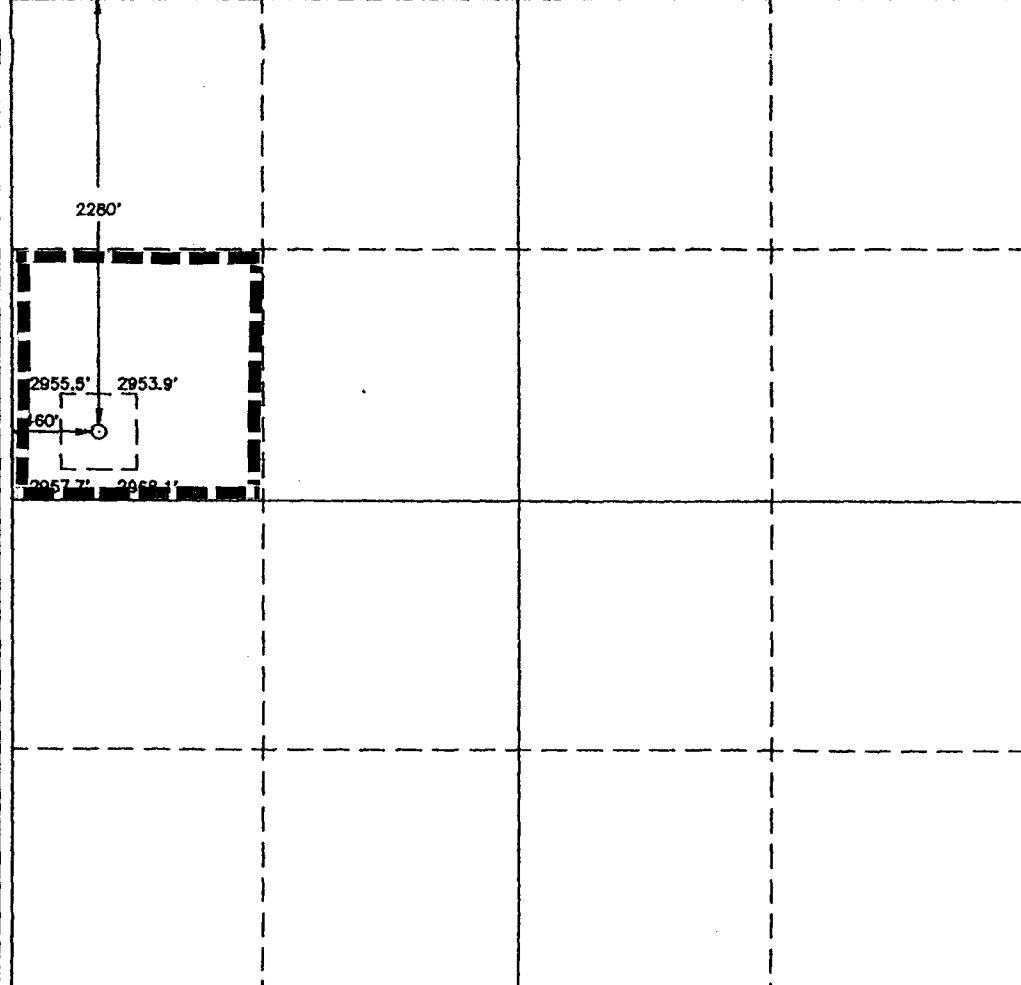

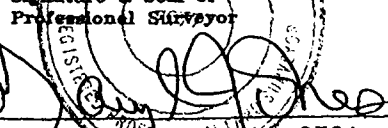
Surface Location

UL or lot No. E	Section 23	Township 24 S	Range 29 E	Lot Idn	Feet from the 2280	North/South line NORTH	Feet from the 460	East/West line WEST	County EDDY
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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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.   Signature Barrett L. Smith Printed Name Div. Oper. Engineer Title 7-27-01 Date
	<b>SURVEYOR CERTIFICATION</b>  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.  APRIL 20, 1994 Date Surveyed  Signature & Seal of Professional Surveyor W.O. NUTT 94-11-0721
	Certificate No. JOHN W. WEST, 678 RONALD J. EIDSON, 3239 GARY L. JONES, 7977

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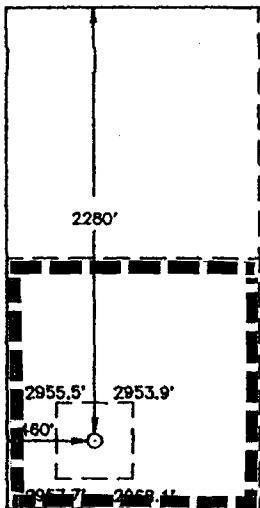
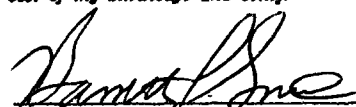
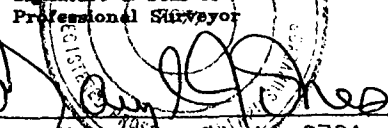
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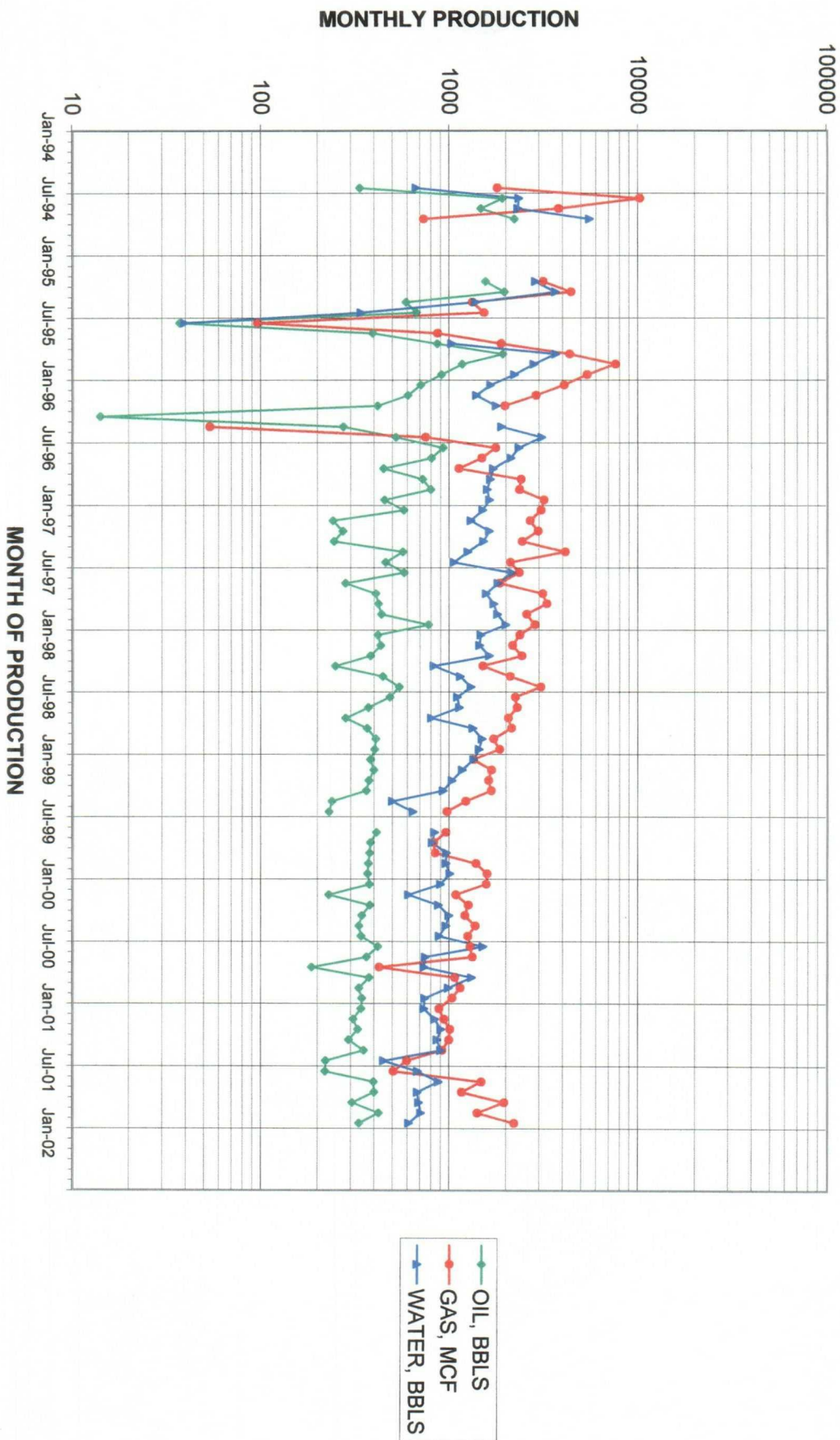
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature</p> <p>Barrett L. Smith Printed Name</p> <p>Div. Oper. Engineer Title</p> <p>7-27-01 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>APRIL 20, 1994 Date Surveyed</p> <p> Signature &amp; Seal of Professional Surveyor</p> <p>W.O. NUTT 004-11-0721 Certificate No.</p> <p>JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY L. JONES, 7977</p>
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# **RIVERBEND FEDERAL WELL #7 - BONE SPRING PRODUCTION** **PIERCE CROSSING, EAST (BONE SPRING) FIELD**



# RIVERBEND FEDERAL WELL #7 - DELAWARE PRODUCTION CEDAR CANYON (DELAWARE) FIELD

