

NMOCD



POGO PRODUCING COMPANY

April 10, 2002

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SANTA FE, NEW MEXICO

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

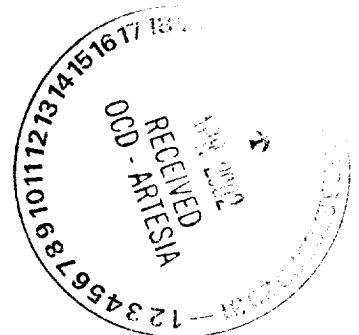

Terry Cant
Division Landman

Enclosures

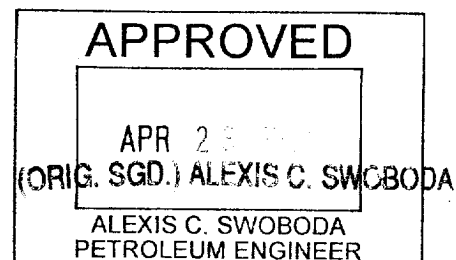
cc (w/enclosure): New Mexico Oil Conservation Division
Attn: District Supervisor
811 South First Street
Artesia, New Mexico 88210

bcc (w/enclosure): Ron Gasser
Richard Wright
Land Administration - Houston

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



F:\WorkGroups\Land\Prospects\CedarCanyon\RiverBendFed#7-OCD(041002).doc



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

District II
811 South First Street, Artesia, NM 88210

District III
Well
1000 Rio Bravo Road, Abo, NM 87410

District IV
3140 South Pacheco, Santa Fe, NM 87515

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

APPLICATION FOR DOWNHOLE COMMINGLING

☒ Yes ☐ No

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 X County
OGRID No. Property Code API No. Lease Type: Federal State 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, applicants 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 Gas 42 % 4 %	Oil Gas % %	Oil Gas 58 % 96 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
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 ☐

NMOC 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 Ron D. Gasser TITLE Div. Petroleum Engineering Mgr. DATE 4-2-2002
TYPE OR PRINT NAME Ron D. Gasser TELEPHONE NO. 915 685-8100



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'

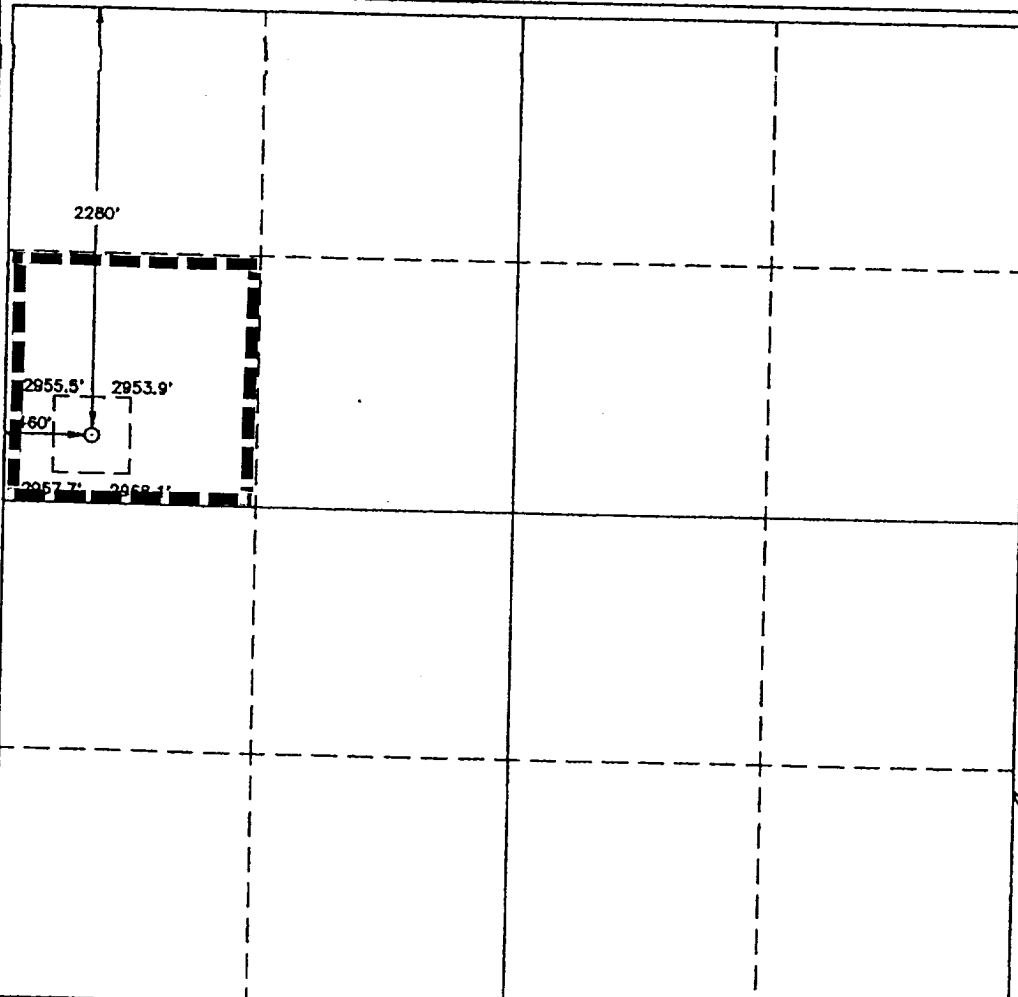
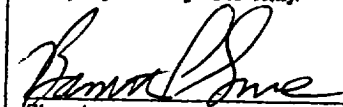
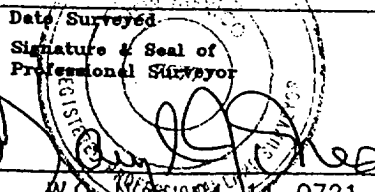
Surface Location

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

	<p>OPERATOR CERTIFICATION</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>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>APRIL 20, 1994 Date Surveyed</p> <p> Signature & Seal of Professional Surveyor</p> <p>W.O. 100004-11-0721 Certificate No.</p> <p>JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY L. JONES, 7977</p>
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DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

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

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

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Property Code 15019	Property Name RIVER BEND FEDERAL	Well Number 7
OGRID No. 017891	Operator Name POGO PRODUCING CO.	Elevation 2955'

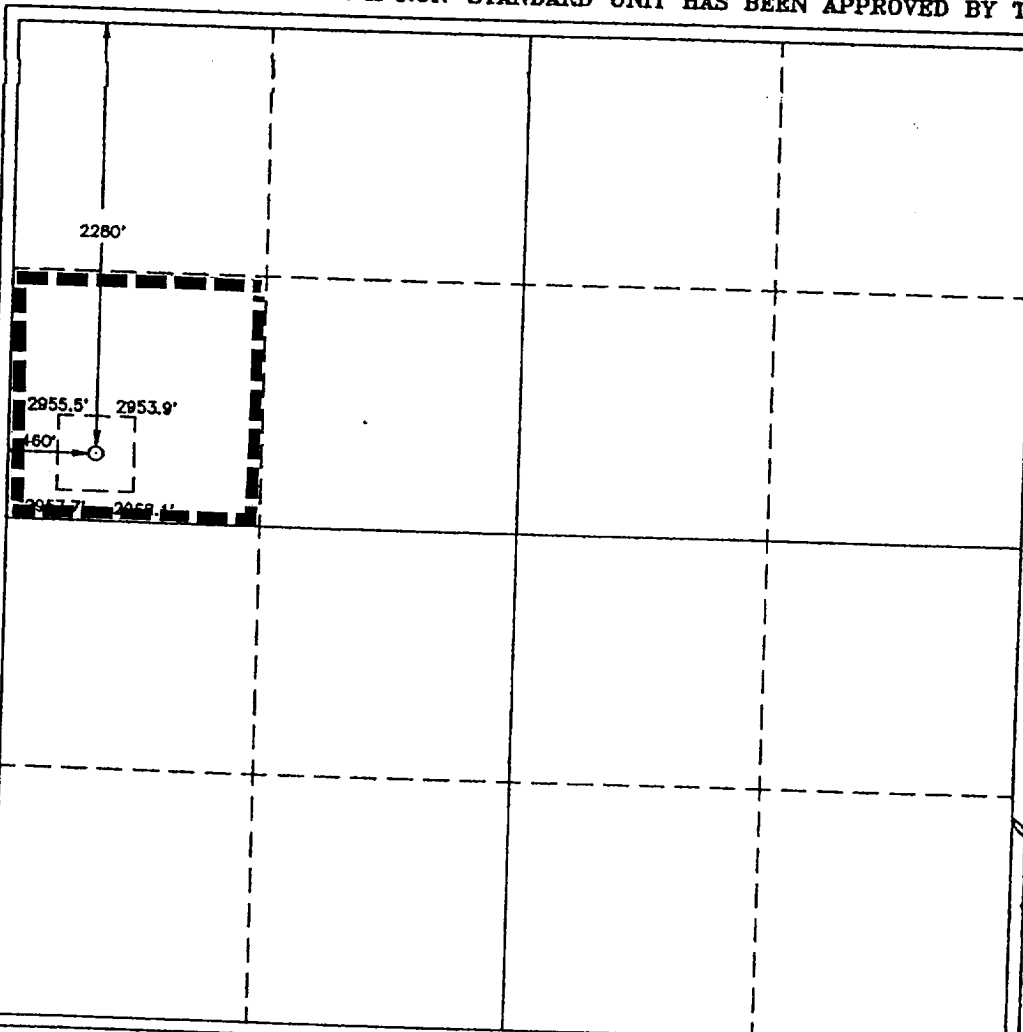
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OPERATOR CERTIFICATION

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

Barrett L. Smith
Signature

Barrett L. Smith

Printed Name

Div. Oper. Engineer

Title

7-27-01

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
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correct to the best of my belief.

APRIL 20, 1994

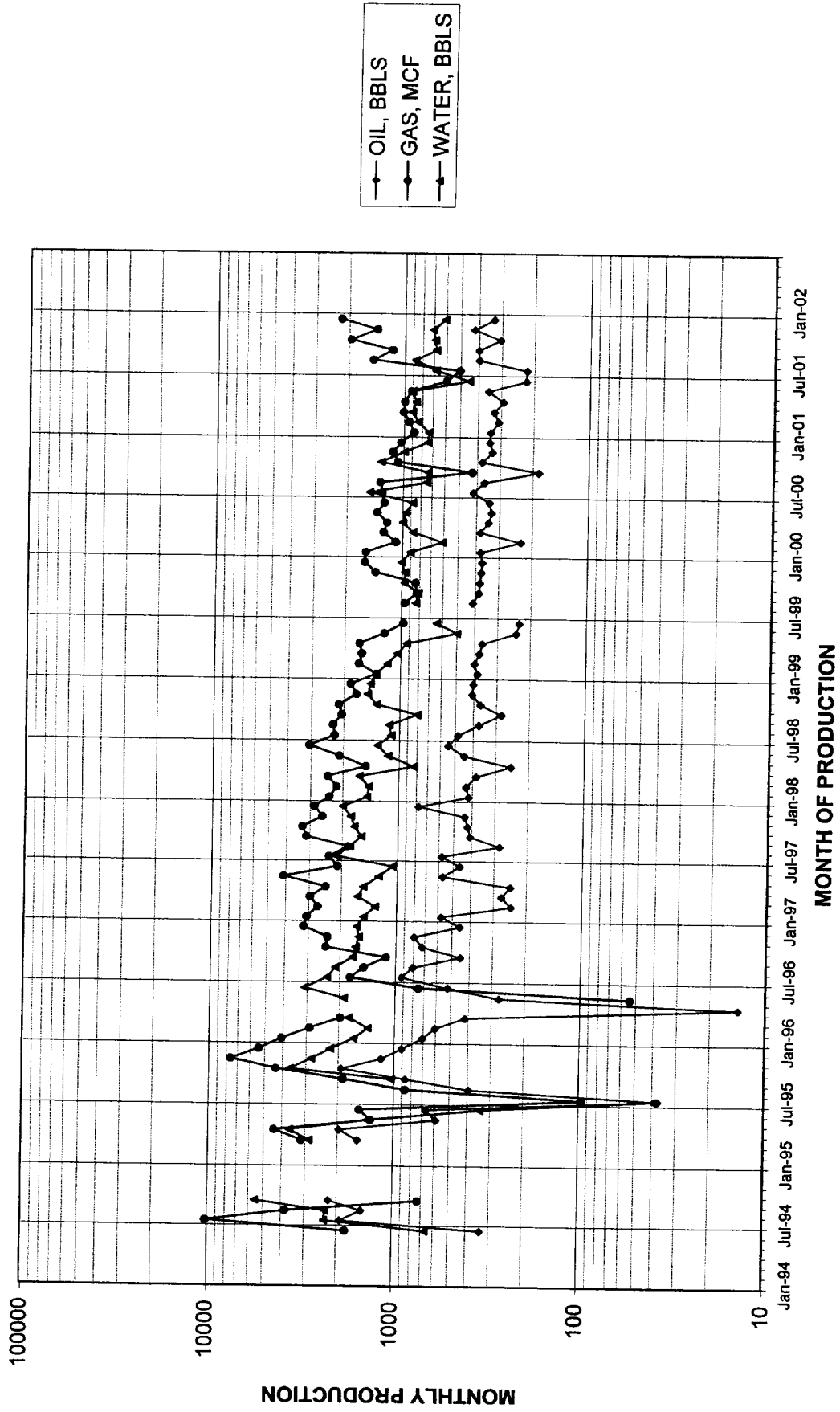
Date Surveyed

Signature & Seal of
Professional Surveyor

W.O. N. 94-11-0721

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239
GARY L. JONES, 7977

**RIVERBEND FEDERAL WELL #7 - BONE SPRING PRODUCTION
PIERCE CROSSING, EAST (BONE SPRING) FIELD**



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

