

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

811 S. 1st  
Artesia, N

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No.  
NM-81586

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Riverbend Federal # 7

9. API Well No.

30-015-27994

10. Field and Pool, or Exploratory Area  
Pierce Crossing E., BS

11. County or Parish, State

Eddy County, New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Pogo Producing Company

3. Address and Telephone No.

P. O. Box 10340, Midland, TX 79702-7340 (915)682-6822

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2280' FNL & 460' FWL, Section 23, T24S, R29E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

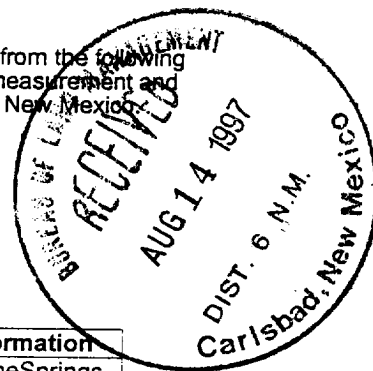
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Pogo Producing Company is requesting approval for surface commingling and measurement of gas production from the following formations and wells. Pogo has a meter at each battery that is used to allocate gas production based on their measurement and Highland's sales meter. Highland's sales meter is located NW/4, NW/4, Section 14, T24S, R29E, Eddy County, New Mexico.



Battery	Lease No.	Loc.	Section	TWP	Range		
Riverbend #7	NM-81586	SW/4, NW/4	23	24	29		
Well No.	Lease No.	Loc.	Section	TWP	Range	mcfpd	Formation
Riverbend #7	NM-81586	SW/4, NW/4	23	24	29	102	BoneSprings
Riverbend #11	NM-81586	NW/4, NE/4	23	24	29	222	BoneSprings
Riverbend #14	NM-81586	NE/4, NW/4	23	24	29	157	BoneSprings

14. I hereby certify that the foregoing is true and correct

Signed *David R. Glass* Title Senior Operations Engineer

Date 08/12/97

(This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

Approved by  
Conditions of approval, if any:

Title

PETROLEUM ENGINEER

Date AUG 19 1997

SEE ATTACHED FOR

CONDITIONS OF APPROVAL

Title 18 U.S.C. Section 1004 makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# Laboratory Services, Inc.

1331 Tasker Drive  
Hobbs, New Mexico 88240  
Telephone: (505) 397-3713

FOR: Pogo Producing Company  
Attention: Mr. Richard Wright  
P. O. Box 10340  
Midland, Texas 79702

SAMPLE  
IDENTIFICATION: River Bend #7  
COMPANY: Pogo Producing Co.  
LEASE:  
PLANT:

SAMPLE DATA: DATE SAMPLED: 4/17/97 2:55 PM  
ANALYSIS DATE: 4/18/97  
PRESSURE - PSIG 35  
SAMPLE TEMP. °F  
ATMOS. TEMP. °F 74

GAS (XX) LIQUID ( )  
SAMPLED BY: Rolland Perry  
ANALYSIS BY: Vickie Walker

REMARKS: H<sub>2</sub>S = 0

## COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H <sub>2</sub> S)	0.00	
Nitrogen	(N <sub>2</sub> )	1.89	
Carbon Dioxide	(CO <sub>2</sub> )	1.49	
Methane	(C <sub>1</sub> )	76.31	
Ethane	(C <sub>2</sub> )	10.92	2.915
Propane	(C <sub>3</sub> )	5.37	1.475
I-Butane	(IC <sub>4</sub> )	0.69	0.226
N-Butane	(NC <sub>4</sub> )	1.82	0.572
I-Pentane	(IC <sub>5</sub> )	0.49	0.179
N-Pentane	(NC <sub>5</sub> )	0.51	0.183
Hexane Plus	(C <sub>6</sub> +) <hr/>	0.51 <hr/>	0.208 <hr/>
		100.00	5.758

BTU/CU.FT. - DRY 1245  
AT 14.650 DRY 1241  
AT 14.650 WET 1220  
AT 14.73 DRY 1248  
AT 14.73 WET 1226

MOLECULAR WT. 21.6923

SPECIFIC GRAVITY -  
CALCULATED 0.749  
MEASURED