

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Cons. Division

811 S. 1st St. El.

Artesia, NM 88210-2834

APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

RECEIVED

Lease Designation and Serial No.
NM-86908

1997 AUG 15 PM 11:00 Allottee or Tribe Name

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

BUREAU OF LAND MANAGEMENT
ROSSELL OFFICE

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)

2110' FSL & 1980' FEL, Section 21, T24S, R29E

8. Well Name and No.

Mitchell 21 Federal # 2

9. API Well No.

30-015 -28710

10. Field and Pool, or Exploratory Area

Cedar Canyon Delaware

11. County or Parish, State

Eddy County, New Mexico

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 _____

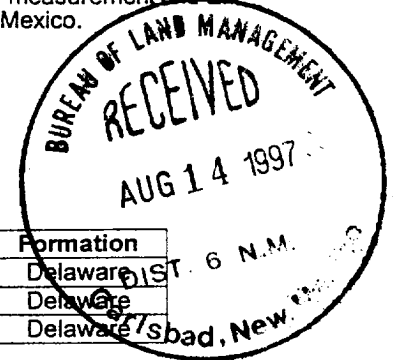
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(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 El Paso's sales meter. El Paso's sales meter is located SE/4, SE/4, Section 9, T24S, R29E, Eddy County, New Mexico.

Battery	Lease No.	Loc.	Section	TWP	Range		
Mitchell 21 #1	NM-86908	SW/4, NE/4	21	24	29		
Well No.	Lease No.	Loc.	Section	TWP	Range	mcfpd	Formation
Mitchell 21 #1	NM-86908	SW/4, NE/4	21	24	29	128	Delaware
Mitchell 21 #2	NM-86908	NW/4, SE/4	21	24	29	28	Delaware
Mitchell 21 #3	NM-86908	NE/4, SE/4	21	24	29	100	Delaware



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)

Approved by DAVID R. GLASS
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 unlawful 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: Mitchell 21 #2
COMPANY: Pogo Producing Co.
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 1/4/97 10:10 AM
ANALYSIS DATE: 1/6/97
PRESSURE - PSIG 25
SAMPLE TEMP. °F
ATMOS. TEMP. °F 66

REMARKS: H2S = 0

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

COMPONENT ANALYSIS

COMPONENT		MOL PERCENT	GPM
Hydrogen Sulfide	(H2S)	0.00	
Nitrogen	(N2)	5.85	
Carbon Dioxide	(CO2)	0.01	
Methane	(C1)	54.69	
Ethane	(C2)	15.52	4.141
Propane	(C3)	13.79	3.792
I-Butane	(IC4)	2.04	0.667
N-Butane	(NC4)	4.79	1.509
I-Pentane	(IC5)	1.35	0.492
N-Pentane	(NC5)	1.13	0.409
Hexane Plus	(C6+)	0.83	0.339
		100.00	11.349
BTU/CU.FT. - DRY	1536		MOLECULAR WT. 27.6398
AT 14.650 DRY	1531		
AT 14.650 WET	1504		
AT 14.73 DRY	1539		
AT 14.73 WET	1512		
SPECIFIC GRAVITY -			
CALCULATED	0.954		
MEASURED			