

New Mexico Oil Conservation Law, District I  
1625 N. French Drive  
Hobbs, NM 88240  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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)685-8100

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

1980' FSL & 1220' FWL, Section 24, T22S, R32E

5. Lease Designation and Serial No.  
NM-81633

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Bootleg 24 Federal #1

9. API Well No.

30-025-35512

10. Field and Pool, or Exploratory Area

Bootleg Ridge Morrow

11. County or Parish, State

Lea County, NM

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.)\*

See Attached



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

Signed Cathy Lombard

Title Sr. Operation Tech

Date 08/30/02

(This space for Federal or State office use)

Approved by (ORIG SCD) DAVID R. GLASS

Title

Date

SEP 12 2002

Title 18 U.S.C. Section 1001, 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, or to furnish any false, fictitious or fraudulent information within its jurisdiction.

PETROLEUM ENGINEER

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

\*See Instruction on Reverse Side

GWW



## United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Carlsbad Resource Area Headquarters

P. O. Box 1778

Carlsbad, New Mexico 88220

OPERATOR: Pogo Producing Company Lease No. NM-81633

WELL NO. & NAME Bootleg 24 Federal #1

LOCATION: NW 1/4 SW 1/4, Sec. 24, T. 22 S., R. 32 E., <sup>Lea</sup>~~XXX~~ County, N.M.

The check list below indicates the information needed before your Waste or Salt Water Disposal method can be approved:

<u>Morrow</u>	Name(s) of formation(s) producing water on the lease.
<u>5 bbls</u>	Amount of water produced from each formation in barrels per day.
<u>See attached</u>	A water analysis of produced water from each zone shown at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates.
<u>1 - 500 bbl tank</u>	How water is stored on the lease.
<u>trucked</u>	How water is moved to disposal facility.
<u>Pogo Producing Co.</u> <u>Red Tank 28 Fed #3 SWD</u> <u>NW/4 NE/4, Section 28</u> <u>T22S, R32E, Lea Co.</u>	Operator's name, well name and location, by 1/4, section, township and range, of the disposal facility. If the disposal facility is an approved disposal system, the operator's name and the name of the disposal system should suffice.

Supervisory Petroleum Engineer Technician



# Endura Products Corporation

P.O. Box 3394, Midland, Texas 79702  
Phone (915) 684-4233 Fax (915) 684-4277

## WATER ANALYSIS

Date **8/1/2001** Endura Rep **Greg Archer**

Code **29963**

Sampling Point/Date **H2O Tank 7/25/2001**

State **New Mexico**

Company **Pogo Producing Co.**

County **Lea**

Formation

Lease **Bootleg 24 Federal**

Well **#1**

## DISSOLVED SOLIDS

### CATIONS

	mg/l	me/l
Sodium, Na+ (Calc.)	<b>11,385</b>	<b>495</b>
Total Hardness as Ca++	<b>200</b>	<b>0</b>
Calcium Ca++	<b>80</b>	<b>4</b>
Magnesium, Mg+	<b>73</b>	<b>6</b>
Barium, Ba++	<b>0</b>	<b>0</b>
Iron (Total) Fe+++*	<b>74</b>	<b>4</b>

### ANIONS

Chlorides, Cl-	<b>17,500</b>	<b>493</b>
Sulfate, SO4-	<b>475</b>	<b>10</b>
Carbonate, CO3-	<b>0</b>	<b>0</b>
Bicarbonates, HCO3-	<b>366</b>	<b>6</b>
Sulfide, S-*	<b>0</b>	<b>0</b>
Total Dissolved Solid	<b>29,953</b>	

## OTHER PROPERTIES

pH*	<b>6.487</b>
Specific Gravity, 60/60 F.	<b>1.018</b>
Turbidity	<b>774</b>

## SCALING INDICIES

<u>TEMP. F</u>	<u>CA CO3</u>	<u>CASO4*2H2O</u>	<u>CA SO4</u>	<u>BA SO4</u>
<b>80</b>	<b>-1.6159</b>	<b>-2.0253</b>	<b>-2.1817</b>	<b>-28.7564</b>
<b>120</b>	<b>-1.3278</b>	<b>-2.0387</b>	<b>-2.0146</b>	<b>-28.9893</b>
<b>160</b>	<b>-0.9156</b>	<b>-2.0138</b>	<b>-1.8170</b>	<b>-29.1811</b>

## PERFORATIONS

Marrow 14506 to 14540

