

451

Form 3-60-5  
(June 1990)

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

5. Lease Designation and Serial No.  
**NM-40655**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Amax 24 Federal No. 12**

9. API Well No.  
**30-015-28123**

10. Field and Pool, or Exploratory Area  
**Ingle Wells Delaware**

11. County or Parish, State  
**Eddy County, NM**

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:  
**890' FNL & 890' FWL, Section 24, T23S, R31E**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> 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 respectfully request permission to dispose of off-lease produced water from the above well via 3" poly line into the Proximity 31 Federal #4 SWD located NW/4, NE/4, Section 31, T22S, R32E, Lea County. The Proximity 31 Federal #4 SWD is an approved disposal well per Administrative Order SWD-543 (Attached).

RECEIVED

JUN 13 1995

OIL CON. DIV.  
DIST. 2

RECEIVED  
MAY 10 11 15 AM '95

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

Signed *Barndt R. Shaw* Title Senior Operations Engineer Date May 9, 1995

(This space for Federal or State office use)  
Approved by Shannon J. Shaw Title Petroleum Engineer Date 6/9/95

Conditions of approval, if any:

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 as to any matter within its jurisdiction.



United States Department of the Interior  
BUREAU OF LAND MANAGEMENT  
Carlsbad Resource Area Headquarters  
P. O. Box 1778  
Carlsbad, New Mexico 88220

IN REPLY REFER TO  
3162

May 9, 1995

OPERATOR: Pogo Producing Company Lease No. NM-40655  
WELL NO. & NAME Amax 24 Federal #12  
LOCATION: NW 1/4 NW 1/4, Sec. 24, T. 23 S., R. 31 E., Eddy County, N.M.

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

<u>Delaware</u>	Name(s) of formation(s) producing water on the lease.
<u>130</u>	Amount of water produced from each formation in barrels per day.
<u>Attached</u>	A water analysis of produced water from each zone shown in at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates.
<u>500 BBL FG Tank</u>	How water is stored on the lease.
<u>3" Poly Line</u>	How water is moved to disposal facility.
<u>Pogo Producing Company</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.
<u>Proximity 31 Fed. #4</u>	
<u>NW/4, NE/4, Sec. 31</u>	
<u>T22S, R32E</u>	
<u>Lea County, NM</u>	

Supervisory Petroleum Engineer Technician

# Nutro Products Corporation

P.O. Box 21187 Houston, Texas 77225  
Phone (713) 675-3421 \* Fax (713) 675-7646

## WATER ANALYSIS

Date 04/28/95 Nutro Rep TERRY SOLANSKY Code W-2116  
Sampling Point WELL HEAD State TEXAS  
Company POGO PRODUCING County EDDY N.M.  
Field Lease AMAX 24 FEDERAL Well 12

## DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na <sup>+</sup> (Calc.)	74,152	3,224
Total Hardness as Ca <sup>++</sup>	28,400	0
Calcium, Ca <sup>++</sup>	22,400	1,120
Magnesium, Mg <sup>++</sup>	3,659	305
Barium, Ba <sup>++</sup>	3	0
Iron (Total) Fe <sup>+++</sup>	35	2

## ANIONS

Chlorides, Cl <sup>-</sup>	165,000	4,648
Sulfate, SO <sub>4</sub> <sup>-</sup>	60	1
Carbonate, CO <sub>3</sub> <sup>-</sup>	0	0
Bicarbonate, HCO <sub>3</sub> <sup>-</sup>	98	2
Sulfide, S <sup>-</sup>	0	0
Total Dissolved Solids (Calc.)	265,407	

## OTHER PROPERTIES

pH <sup>*</sup>	5.200
Specific Gravity, 60°/60 F	1.169
TURBIDITY	265

Remarks SAMPLE TAKEN ON 04/24/95

## SCALING INDICIES

<u>TEMP, F</u>	<u>CA CO<sub>3</sub></u>	<u>CASO<sub>4</sub>*2H<sub>2</sub>O</u>	<u>CA SO<sub>4</sub></u>	<u>BA SO<sub>4</sub></u>
80	0.3081	-0.7765	-1.1401	-0.3680
120	0.8634	-0.7908	-0.9740	-0.5045
160	1.7027	-0.8100	-0.8205	-0.7119