

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240

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 & 1980' FWL, Section 18, T24S, R32E

5. Lease Designation and Serial No.

NM-66925

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Diaga 18 Federal #1

9. API Well No.

30-025-33626

10. Field and Pool, or Exploratory Area

E. Cotton Draw Bone Spring

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

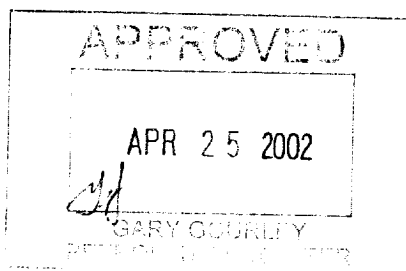
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 request permission to dispose of produced water on the above captioned well.

See Attached

**SUBJECT TO
LIKE APPROVAL
BY STATE**



2002 APR 12 PM 1:49

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

Signed [Signature]

Title Sr. Operation Tech

Date 04/11/02

(This space for Federal or State office use)

Approved by

Title

Date

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.

*See Instruction on Reverse Side



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. NMNM66925

WELL NO. & NAME Diaga 18 Federal #1

LOCATION: NE 1/4 SW 1/4, Sec. 18, T. 24 S., R. 32 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 bbls</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 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>Calmon #5 SWD</u> <u>SW/4, NE/4</u> <u>Section 35, T23S, R31E</u> <u>Eddy County, NM</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	04/04/02	Endura Rep	Greg Archer	Code	35390
Sampling Point/Date	Wellhead	04/03/02		State	New Mexico
Company	Pogo Producing Co.			County	Lea
Formation		Lease	DIAGA 18 FEDERAL	Well	#1

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na+ (Calc.)	102,948	4,476
Total Hardness as Ca++	16,400	0
Calcium Ca++	15,800	790
Magnesium, Mg++	366	30
Barium, Ba++	0	0
Iron (Total) Fe+++*	36	2

ANIONS

Chlorides, Cl-	188,000	5,296
Sulfate, SO4-	25	1
Carbonate, CO3-	0	0
Bicarbonates, HCO3-	48	1
Sulfide, S-*	0	0
Total Dissolved Solid	307,223	

OTHER PROPERTIES

pH*	5.923
Specific Gravity, 60/60 F.	1.194
Turbidity	70

SCALING INDICIES

<u>TEMP, F</u>	<u>CA CO3</u>	<u>CASO4*2H2O</u>	<u>CA SO4</u>	<u>BA SO4</u>
80	0.7783	-1.2199	-1.6094	-29.5145
120	1.3703	-1.2323	-1.4414	-29.6383
160	2.2633	-1.2406	-1.2770	-29.8398

PERFORATIONS