

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 & 660' FEL, Section 1, T24S, R34E

5. Lease Designation and Serial No.
NM-77090

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Falcon Federal #1

9. API Well No.

30-025-32190

10. Field and Pool, or Exploratory Area

Antelope Draw Delaware

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 Imbert

Title Operation Tech

Date 12/08/00

(This space for Federal or State office use)

Approved by

ORIG. SGD ALEXIS J SWOBODA

Title

PETROLEUM ENGINEER

Date

DEC 18 2000

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

IN REPLY REFER TO

3162

OPERATOR: Pogo Producing Company Lease No. NM-77090
WELL NO. & NAME Falcon Federal #1
LOCATION: NE 1 SE 1, Sec. 1, T. 24 S., R. 34 E., Lea 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>31 BWPD</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></u>	Operator's name, well name and location, by <u>11</u> , 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 Corp.

P.O. Box 3394 Midland, Texas 79706
Phone (915) 684-4233 * Fax (915) 684-4277

WATER ANALYSIS

Date: **11/28/00** Endura Rep.: **Greg Archer** Code: **W-25494**
Sampling Point/Date: **Wellhead 11/27/00** State: **New Mexico**
Company: **Pogo Producing Co.** County: **Lea**
Lease: **Falcon Federal** Well: **1**

DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na+ (Calc.)	112,401	4,887
Total Hardness as Ca++	20,000	0
Calcium, Ca++	16,600	830
Magnesium, Mg++	2,073	173
Barium, Ba++	0	0
Iron (Total) Fe+++*	55	3

ANIONS

Chlorides, Cl-	209,000	5,887
Sulfate, SO4-	200	4
Carbonate, CO3-	0	0
Bicarbonates, HCO3-	122	2
Sulfide, S-*	0	0
Total Dissolved Solids (Calc.)	340,451	

OTHER PROPERTIES

pH*	5.304
Specific Gravity, 60/60 F.	1.209
Turbidity	104

SCALING INDICIES

<u>TEMP, F.</u>	<u>CA CO3</u>	<u>CASO4*2H2O</u>	<u>CA SO4</u>	<u>BA SO4</u>
80	1.0375	-0.1912	-0.6262	-29.5640
120	1.7083	-0.1998	-0.4544	-29.6660
160	2.7175	-0.1915	-0.2734	-29.8571

PERFORATIONS A Sand 8541 to 8588