

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

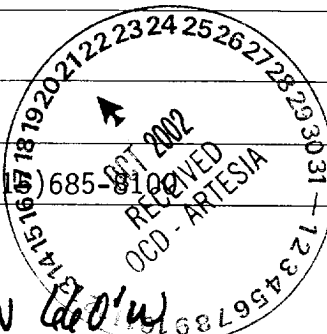
Pogo Producing Company

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)

34-23S-31E 660'N 660'W



5. Lease Designation and Serial No.  
NM-43744

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. #2

Sterling Silver 34 Fed

9. API Well No.

30-05-27963

10. Field and Pool, or Exploratory Area

Ingle Wells Delaware

11. County or Parish, State

Eddy 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

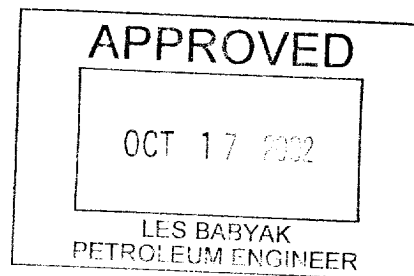
TYPE OF ACTION

- ☐ 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

*Les Babyak*

Title

Sr. Operation Tech

Date

10/16/02

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



## 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-43744

WELL NO. & NAME Sterling Silver 34 Federal #2 Battery

LOCATION: NW 1 NW 1, Sec. 34, 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>198</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 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>Pipelined</u>	How water is moved to disposal facility.
<u>Yates Petroleum</u> <u>David Ross (AIT) Fed#1</u> <u>H/35/22S/31E</u> <u>Eddy Co., NM</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 79702  
Phone (915) 684-4233 \* Fax (915) 684-4277

## WATER ANALYSIS

Date 1-28-00 Endura Rep GREG ARCHER Code W-19913  
Sampling Point/Date WELLHEAD/1-27-00 State NEW MEXICO  
Company POGO PRODUCING CO County EDDY  
Field Lease STERLING SILVER 34 Well 2

### DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na <sup>+</sup> (Calc.)	88,826	3,862
Total Hardness as Ca <sup>++</sup>	30,880	0
Calcium, Ca <sup>++</sup>	24,640	1,232
Magnesium, Mg <sup>++</sup>	3,805	317
Barium, Ba <sup>++</sup>	0	0
Iron (Total) Fe <sup>+++</sup>	48	3

### ANIONS

Chlorides, Cl <sup>-</sup>	192,000	5,408
Sulfate, SO <sub>4</sub> <sup>-</sup>	140	3
Carbonate, CO <sub>3</sub> <sup>-</sup>	0	0
Bicarbonate, HCO <sub>3</sub> <sup>-</sup>	196	3
Sulfide, S <sup>-</sup>	0	0
Total Dissolved Solids (Calc.)	309,655	

### OTHER PROPERTIES

pH <sup>*</sup>	5.400
Specific Gravity, 60°/60 F	1.196
TURBIDITY	659

### 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	1.3710	-0.2419	-0.6576	-29.5563
120	2.0168	-0.2527	-0.4879	-29.6675
160	2.9891	-0.2544	-0.3170	-29.8630