

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. Nafta 8 Federal #1
2. Name of Operator Pogo Producing Company	9. API Well No. 30-025-33195
3. Address and Telephone No. P. O. Box 10340, Midland, TX 79702-7340 (915)685-8100	10. Field and Pool, or Exploratory Area Mesa Verde Bone Spring
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1650' FSL & 990' FEL, Section 8, T24S, R32E	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	TYPE OF ACTION
<input 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 checked="" type="checkbox"/> Other Request water disposal approval
	<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 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 Producing Company request permission to dispose of produced water on the above captioned well.

See Attached

**SUBJECT TO
LIKE APPROVAL
BY STATE**

APPROVED
2002

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

Signed Collyer Embury 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.



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. NMNM90812
WELL NO. & NAME Nafta 8 Federal #1
LOCATION: NE 1/4 SE 1/4, Sec. 8, 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>Bone Spring</u>	Name(s) of formation(s) producing water on the lease.
<u>30 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>250 bbl tank</u>	How water is stored on the lease.
<u>Trucked</u>	How water is moved to disposal facility.
<u>Pogo Producing Co. Calmon #5 SWD SW/4, NE/4 Sec. 35, T23S, R31E 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	35389
Sampling Point/Date	Wellhead	04/03/02		State	New Mexico
Company	Pogo Producing Co.			County	Lea
Formation		Lease	NAFTA 8 FEDERAL	Well	#1

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na ⁺ (Calc.)	67,275	2,925
Total Hardness as Ca ⁺⁺	400	0
Calcium Ca ⁺⁺	200	10
Magnesium, Mg ⁺⁺	122	10
Barium, Ba ⁺⁺	0	0
Iron (Total) Fe ^{+++*}	7	0

ANIONS

Chlorides, Cl ⁻	102,500	2,887
Sulfate, SO ₄ ⁻	975	20
Carbonate, CO ₃ ⁻	0	0
Bicarbonates, HCO ₃ ⁻	2,318	38
Sulfide, S ^{-*}	0	0
Total Dissolved Solid	173,397	

OTHER PROPERTIES

pH*	6.855
Specific Gravity, 60/60 F.	1.110
Turbidity	158

SCALING INDICIES

<u>TEMP, F</u>	<u>CA CO₃</u>	<u>CASO₄*2H₂O</u>	<u>CA SO₄</u>	<u>BA SO₄</u>
80	0.0767	-1.7391	-1.9847	-29.2927
120	0.4453	-1.7512	-1.8163	-29.4916
160	1.0141	-1.7698	-1.6622	-29.7207

PERFORATIONS