

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION
P.O. BOX 1960
HOBBS, NEW MEXICO 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

Enron Oil & Gas Company

3. Address and Telephone No.

P. O. Box 2267, Midland, Tx 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL & 660' FWL of Sec 24, T25S, R33E

5. Lease Designation and Serial No.

NM 24490

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Andrikopoulos Federal #1

9. API Well No.

30 025 26438

10. Field and Pool, or Exploratory Area

Red Hills Morrow

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 Update NTL-2B
☐ 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.)*

Produced water is from the Morrow Formation.

The well averages 6 bbls of water per day.

Water is stored on the lease in a 300-barrel welded steel tank

Chaparral Water Services, water hauler.

Disposal system: Operated by Chaparral, Disposal facility is Lea #1B located in Sec 17, T23S, R37E, SWD 292.

Copy of water analysis dated 9-10-92 is attached.

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

Signed Betty Gildon Betty Gildon

Title Regulatory Analyst

Date 10/25/93

(This space for Federal or State office use)

Approved by Orig. Signed by Adam Salameh

Title Petroleum Engineer

Date 10/27/93

Conditions of approval, if any:

- ATTACHED -



O. BOX 2187
BES, N.M. 88240

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Rick Schatz

cc:

cc:

cc:

Company: ENRON

Address:

Service Engineer: KENNY KEARNEY

Date sampled: 9-10-92

Date reported: 9-21-92

Lease or well # : ANDROKAPPOLOS 1

County: Lea

State: NM

Formation:

Depth:

Submitted by: KENNY KEARNEY

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	26000	733
Iron (Fe) (total)	10.0	
Total hardness	4000	
Calcium (Ca)	1563	78
Magnesium (Mg)	24	2
Bicarbonates (HCO ₃)	475	8
Carbonates (CO ₃)	n/a	
Sulfates (SO ₄)	234	5
Hydrogen sulfide (H ₂ S)	20	
Carbon dioxide (CO ₂)	149	
Sodium (Na)	15320	666
Total dissolved solids	43619	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity

1.031

Density (#/gal.)

8.592

pH

7.000

IONIC STRENGTH

0.79

Stiff-Davis (CaCO₃) Stability Index :

SI = pH - pCa - pAlk - K

SI @ 86 F = +0.24

104 F = +0.47

122 F = +0.73

140 F = +1.02

158 F = +1.34

This water is 3364 mg/l (-91.02%) under ITS CALCULATED
CaSO₄ saturation value at 82 F.

SATURATION= 3696 mg/L

PRESENT= 332 mg/L

REPORTED BY MOSES G. JIMENEZ

OCT 26 10 57 AM '93
CARL
AREAL
RS

RECEIVED

Disposal of Produced Water From Federal Wells
Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

1. That this agency be notified of any change in your method or location of disposal.
2. Compliance with all provisions of NTL-2B.
3. This agency shall be notified of any spill or discharge as required by NTL-3A.
4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
6. Any on lease open top storage tanks shall be covered with a wire screen to prevent entry by birds and other wildlife.
7. This approval should not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.
8. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.