

10-100-
November 1981,
Circular 11-1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-01
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO.

NM 28881

IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

Use this form for proposals to drill or to deepen or plug back to a different reservoir.
(See APPLICATION FOR PERMIT— for such proposals.)

WELL NO. 1 OTHER

NAME OF OPERATOR

Enron Oil & Gas Company

ADDRESS OF OPERATOR

P. O. Box 2267, Midland, Texas 79702

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FNL & 990' FWL

UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Marshall 29 Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Pitchfork Ranch Morrow

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

29, T24S, R34E

14. PERMIT NO.

30 025 27997

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

3518.8' GR

12. COUNTY OR PARISH; 13. STATE

Lea

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) Water Disposal information X

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

17. 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.)*

- (A) Water is produced from the Morrow formation
- (B) Formation produces 1 bbl of water per day
- (C) Current Water Analysis attached
- (D) Water is stored on the lease in a 210 fiberglass tank.
- (E) Water is trucked to disposal facility by Chapparral Water Company
- (F) Disposal facility Operator: Chaparral Trucking's Lea #1B located in the NW/NE of Section 17, T-23-S, R-37-E, SWD-292.

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

SIGNED

Betty Gilson
Betty Gilson

TITLE Regulatory Analyst

DATE 8/10/93

(This space for Federal or State office use)

APPROVED BY

Orig. Signed by Adnan Salamah

TITLE

Petroleum Engineer

DATE 10/22/93

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



GP.O.BOX 2187
HOBBS, 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: 8-5-93

Date reported: 8-9-93

Lease or well # : Marshall 29 #1

County: State:

Formation:

Depth:

Submitted by: Kenny Kearney

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	10000	282
Iron (Fe) (total)	197.0	
Total hardness	1400	
Calcium (Ca)	360	18
Magnesium (Mg)	121	10
Bicarbonates (HCO3)	585	10
Carbonates (CO3)	n/a	
Sulfates (SO4)	74	2
Hydrogen sulfide (H2S)	n/a	
Carbon dioxide (CO2)	3643	
Sodium (Na)	6105	265
Total dissolved solids	17247	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity 1.012

Density (#/gal.) 8.434

pH 6.800

IONIC STRENGTH 0.31

Stiff-Davis (CaCO3) Stability Index :

SI = pH - pCa - pAlk - K

SI @ 86 F = -0.18

104 F = +0.04

122 F = +0.29

140 F = +0.57

158 F = +0.86

This water is 3357 mg/l (-97.00%) under ITS CALCULATED
CaSO4 saturation value at 82 F.
SATURATION= 3461 mg/L PRESENT= 104 mg/L

REPORTED BY MOSES G. GIMENEZ

Post-it brand fax transmittal memo 7671		# of pages = 5
Co.	Betty Gildon	Co.
Dept.	EOG	Phone #
Fax #		Fax #
Rick Schatz		
EOG		

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.