

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Act  
20.1 x 1980  
Hobbs, NM 08241

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

CONOCO INC  
CONOCO INC.

3. Address and Telephone No.

10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

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

660' FNL & 660' FWL, Sec. 25, T 20S, R 38E, Unit Ltr 'D'

5. Lease Designation and Serial No.

LC 063458

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Warren Unit, Well #145

9. API Well No.

30-025-33975

10. Field and Pool, or Exploratory Area

East Warren Tubb (Oil)

11. County or Parish, State

Lea, NM

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Repon  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other OO & GO #7 III.A

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracuring  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Repon results of multiple completion w/dl 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.)\*

Water Producing Formation: Warren Grayburg San Andres  
Amount of Water Produced: 52 bpd  
Current Water Analysis Attached: Yes  
How is Water Stored on Lease: 400 bbl Tank (above ground)  
How is Water Moved: By Transfer Pump  
Disposal Facility Operator Name: Conoco Inc  
Disposal Facility Well Name / No.: SEMU Well # 95, Unit J, Sec.23, T 20S, R 37E

NMOCD SWD Permit #: R -9327

Your approval of this method of disposal is respectfully requested.

RECEIVED  
1998 MAR 17 P 1:45  
BUREAU OF LAND MGMT.  
HOBBS, NEW MEXICO

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

Signed

Title

Bill R. Keathly  
Sr. Regulatory Specialist

Date

3-16-98

(This space for Federal or State office use)

Approved by

Title

PETROLEUM ENGINEER

Date

MAR 27 1998

Conditions of approval if any:

BLM(6), BRK, PONCA, DJS, FILE ROOM

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

**Saturation Index Calculations**  
Champion Technologies, Inc.  
(Based on the Tomison-Oddo Model)

**Site Information**

Company	Conoco
Field	Warren Unit
Point	#145
Date	2/26/98

**Water Analysis (mg/L)**

Calcium	8,260
Magnesium	3,207
Barium	0
Strontium	0
Sodium*	56939
Bicarbonate Alkalinity	268
Sulfate	2,180
Chloride	110,000

\* - Calculated Value

**Appended Data**

Dissolved CO2	307 mg/L	Well head pH	6.75 value
Dissolved O2	N/A PPM		
H2S	0 mg/L		
Iron	0.0 mg/L		
Resistivity	N/A value		
Specific Gravity	1.129 value		
TDS	181027 mg/L		
Total Hardness	33800 mg/L		

**Physical Properties**

Ionic Strength*	3.51
pH*	6.25
Temperature	100°F
Pressure	100 psia

\* - Calculated Value

**Calcite Calculation Information**

Calculation Method	Value
CO2 in Brine	307 mg/L
Bicarbonate Alkalinity Correction(s)	Value
None Used	---

**SI & PTB Results**

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.26	N/A
Gypsum (Calcium Sulfate)	0.08	186.5
Hemihydrate (Calcium Sulfate)	0.06	125.8
Anhydrite (Calcium Sulfate)	0.21	339.3
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A