

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Co.
2011 1980
Hobbs, NM 88241

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 & 1960' FWL, Sec. 25, T 20S, R 38E, Unit Ltr 'C'

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 #144

9. API Well No.

30-025-33974

10. Field and Pool, or Exploratory Area

East Warren Tubb (Oil)

11. County or Parish, State

Lea, NM

12. 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 IIIA ✓

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

(Note: Repon result of multiple completion or 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.)*

Water Producing Formation: Warren Grayburg San Andres
Amount of Water Produced: 26 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.
MIDLAND, NEW MEXICO

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

Signed Bill R. Keathly

Title Bill R. Keathly
Sr. Regulatory Specialist

Date 3-16-98

(This space for Federal or State office use)

Approved by (ORIG. SGD.) ALEXIS SWOROD

Conditions of approval if any:

Title PETROLEUM ENGINEER

Date MAR 25 1998

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 Tomson-Oddo Model)

Site Information

Company	Conoco
Field	Warren Unit
Point	#144
Date	3/3/98

Water Analysis (mg/L)

Calcium	8,421
Magnesium	3,061
Barium	0
Strontium	0
Sodium*	53001
Bicarbonate Alkalinity	85
Sulfate	2,036
Chloride	104,000

* - Calculated Value

Appended Data

Dissolved CO2	263 mg/L	Well head pH	6.33 value
Dissolved O2	N/A PPM		
H2S	0 mg/L		
Iron	1.0 mg/L		
Resistivity	N/A value		
Specific Gravity	1.121 value		
TDS	170769 mg/L		
Total Hardness	33600 mg/L		

Physical Properties

Ionic Strength*	3.33
pH*	5.76
Temperature	100°F
Pressure	100 psia

* - Calculated Value

Calcite Calculation Information

Calculation Method	Value
CO2 in Brine	263 mg/L
Bicarbonate Alkalinity Correction(s)	Value
None Used	---

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-1.26	N/A
Gypsum (Calcium Sulfate)	0.06	138.7
Hemihydrate (Calcium Sulfate)	0.03	58.5
Anhydrite (Calcium Sulfate)	0.16	260.6
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A