

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
P.O. Box 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)

2310' FNL & 2310' FEL, Sec. 28, T 20S, R 38E, Unit Ltr 'G'

5. Lease Designation and Serial No.

LC 031695B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Warren Unit, Well #125

9. API Well No.

30-025-33098

10. Field and Pool, or Exploratory Area

Warren Grayburg San Andres

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 Fracrunng
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Reponresultsof multiplecompletionWdl
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: **119 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.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

Signed **Bill R. Keathly**

Title **Sr. Regulatory Specialist**

Date **3-16-98**

(This space for Federal or State office use)

Approved by **(ORIG. SGD.) ALEXIS C. SWOBODA**

Title **PETROLEUM ENGINEER**

Date **MAR 25 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

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HOBBS, NEW MEXICO

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

Site Information

Company	Conoco
Field	Warren Unit
Point	#125
Date	11/19/97

Water Analysis (mg/L)

Calcium	882
Magnesium	291
Barium	0
Strontium	0
Sodium*	5382
Bicarbonate Alkalinity	1,891
Sulfate	2,180
Chloride	8,000

* - Calculated Value

Appended Data

Dissolved CO2	87 mg/L
Dissolved O2	N/A PPM
H2S	46 mg/L
Iron	0.0 mg/L
Resistivity	N/A value
TDS	18641 mg/L
Total Hardness	3400 mg/L
Well head pH	6.92 value

Physical Properties

Ionic Strength*	0.36
pH*	7.12
Temperature	100°F
Pressure	100 psia

* - Calculated Value

Calcite Calculation Information

Calculation Method	Value
CO2 in Brine	87 mg/L
Bicarbonate Alkalinity Correction(s)	Value
None Used	---

SI & PTB Results

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	1.05	518.2
Gypsum (Calcium Sulfate)	-0.48	N/A
Hemihydrate (Calcium Sulfate)	-0.38	N/A
Anhydrite (Calcium Sulfate)	-0.65	N/A
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A