

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons  
P.C. 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)

**580' FSL & 660' FWL, Sec. 27, T 20S, R 38E, Unit Ltr 'M'**

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 #137**

9. API Well No.

**30-025-33856**

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 multiplecompletionWell 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:  
Amount of Water Produced:  
Current Water Analysis Attached:  
How is Water Stored on Lease:  
How is Water Moved:  
Disposal Facility Operator Name:  
Disposal Facility Well Name / No.:

**Warren Grayburg San Andres  
65 bpd  
Yes  
400 bbl Tank (above ground)  
By Transfer Pump  
Conoco Inc  
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

Title

**Bill R. Keathly  
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**

**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

**RECEIVED  
1998 MAR 17 P 1:43  
BUREAU OF LAND MGMT  
10225, NEW MEXICO**

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

**Site Information**

Company	Conoco
Field	Warren Unit
Point	#137
Date	3/5/98

**Water Analysis (mg/L)**

Calcium	561
Magnesium	1,360
Barium	0
Strontium	0
Sodium*	4215
Bicarbonate Alkalinity	1,512
Sulfate	3,496
Chloride	8,000

\* - Calculated Value

**Appended Data**

Dissolved CO2	351 mg/L	Well head pH	6.91 value
Dissolved O2	N/A PPM		
H2S	615 mg/L		
Iron	0.0 mg/L		
Resistivity	N/A value		
Specific Gravity	1.013 value		
TDS	19209 mg/L		
Total Hardness	7000 mg/L		

**Physical Properties**

Ionic Strength*	0.43
pH*	6.40
Temperature	100°F
Pressure	100 psia

\* - Calculated Value

**Calcite Calculation Information**

Calculation Method	Value
CO2 in Brine	351 mg/L
Bicarbonate Alkalinity Correction(s)	Value
None Used	---

**SI & PTB Results**

Scale Type	SI	PTB
Calcite (Calcium Carbonate)	-0.04	N/A
Gypsum (Calcium Sulfate)	-0.59	N/A
Hemihydrate (Calcium Sulfate)	-0.50	N/A
Anhydrite (Calcium Sulfate)	-0.75	N/A
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A