Form 3 160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons.
P.O. Box 1980
Hobbs, NM 88241

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 3 1 ,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 TRIPLICA TE

5. Lease Designation and Seriai No.: LC 031695B

6. If Indian, Allcnee or Tribe Name:

7. If Unit or CA, Agreement Designation:

1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator: CONOCO INC
CONOCO INC.

8. Well Name and No.: Warren Unit, Well #100

9. API Well No.: 30-025-33016

3. Address and Telephone No.: 10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424

10. Field and Pool, or Exploratory Area: Warren Glorieta/San Andres

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

990' FSL & 740' FEL, Sec. 28, T 20S, R 38E, Unit Ltr 'P'

11. County or Parish, State: Lea, NM

1m CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Repon	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracrunng
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☒ Other OO & GO #7 III.A	☐ Dispose Water

INole: Reponresultsof multiplecompitiononWdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Compieted Operations (Clearly state ail 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 Glorieta/Warren San Andres
Amount of Water Produced:	Glorieta 61 bpd, San Andres 6
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.

BUREAU OF LAND MGT.
HOBBS, NEW MEXICO
1998 MAR 17 P 1:35
RECEIVED

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

Champion Technologies, Inc.
Committed To Improvement

Saturation Index Calculations

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

Site Information

Company	Conoco
Field	Warren Unit
Point	#100
Date	3/2/98

Water Analysis (mg/L)

Calcium	3,609
Magnesium	1,117
Barium	0
Strontium	0
Sodium*	25921
Bicarbonate Alkalinity	951
Sulfate	4,145
Chloride	46,000

* - Calculated Value

Appended Data

Dissolved CO2	351 mg/L	Well head pH	6.81 value
Dissolved O2	N/A PPM		
H2S	290 mg/L		
Iron	2.0 mg/L		
Resistivity	N/A value		
Specific Gravity	1.058 value		
TDS	81806 mg/L		
Total Hardness	13600 mg/L		

Physical Properties

Ionic Strength*	1.58
pH*	6.24
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)	-0.11	N/A
Gypsum (Calcium Sulfate)	0.09	317.5
Hemihydrate (Calcium Sulfate)	0.08	237.9
Anhydrite (Calcium Sulfate)	0.02	55.8
Barite (Barium Sulfate)	N/A	N/A
Celestite (Strontium Sulfate)	N/A	N/A