

December 2, 1998

Mr. Ben Stone  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

DEC - 4

RE: Conoco, Inc., Warren McKee and SEMU McKee Waterflood Project,  
Lea County, New Mexico/ORDER NO. WFX-566

Dear Mr. Stone,

Approximately one year ago it was determined that the waterflood project in the Warren McKee pool was not economically feasible. Conoco did not intend to abandon the waterflood project, but to suspend waterflood operations until such time as an economic evaluation would prove profitable. During the past year Conoco has added production from this pool from the horizontal completion of the Warren Unit, Well #128 (30-025-34158). Conoco anticipates that by utilizing injection wells - Warren Unit Wells #23 and #28 and the SEMU McKee Wells #60 & #62 the production from the McKee pool will be enhanced.

The injection rates and pressures will be the same as when the project was suspended. We anticipate an average daily injection rate of 2500 bbls, 70% fresh water (City of Eunice contract) with an average injection pressure of 1500 psig. This represents the same data as submitted on the initial Form C-108. We are respectfully requesting permission to put this waterflood project back in operation as described above and on the attached Sundry Notices for each well. Please call me @ 1-800-432-2967, e-mail @ Wtor1948@aol.com or at the address below if you would like any further documentation or have any questions. Thank you.

Yours truly,



Ann E. Ritchie, Regulatory Agent  
Conoco, Inc.  
10 Desta Dr., Suite 100W  
Midland, Texas 79705

cc: Tim Schneider-Conoco/Midland, Kay Maddox-Conoco/Midland  
attachments

AMEND WFX 748 12/21/98  
R 5631 - SEMU  
5632 - WARREN  
MCKEE CASES 6131  
6132

1800 PSI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

LC 031695B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Name of lease & well  
Warren Unit, Well #23

9. API well #

30 025 07855

10. Field and Pool, or Exploratory Area

Warren McKee Simpson

11. County or Parish, State

Lea, NM

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 ☒ INJECTION  
Other

2. Name of Operator

CONOCO, INC.

3. Address and telephone no.

10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424 915 684-6381

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

Surface: 1980' FNL & 1980' FEL  
TD: Sec 29, T20S, R38E, Unit letter E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Put back on injection  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on 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.)

Waterflood operations were suspended for the McKee zone effective 8/97 for evaluation. Since that time the production from the McKee zone has fallen at an unacceptable rate. Also, production from the most recent Conoco completion in the McKee in Section 29 will be enhanced by re-injecting.

We propose to put this well back into use for injection effective 1-1-99.  
The permit for the McKee injection project is Order No. WFX-566.

8930-9087

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

Signed

Title

Ann E. Ritchie  
REGULATORY AGENT

Date 11-17-98

(This space for Federal or State office use)

Approved by

Title

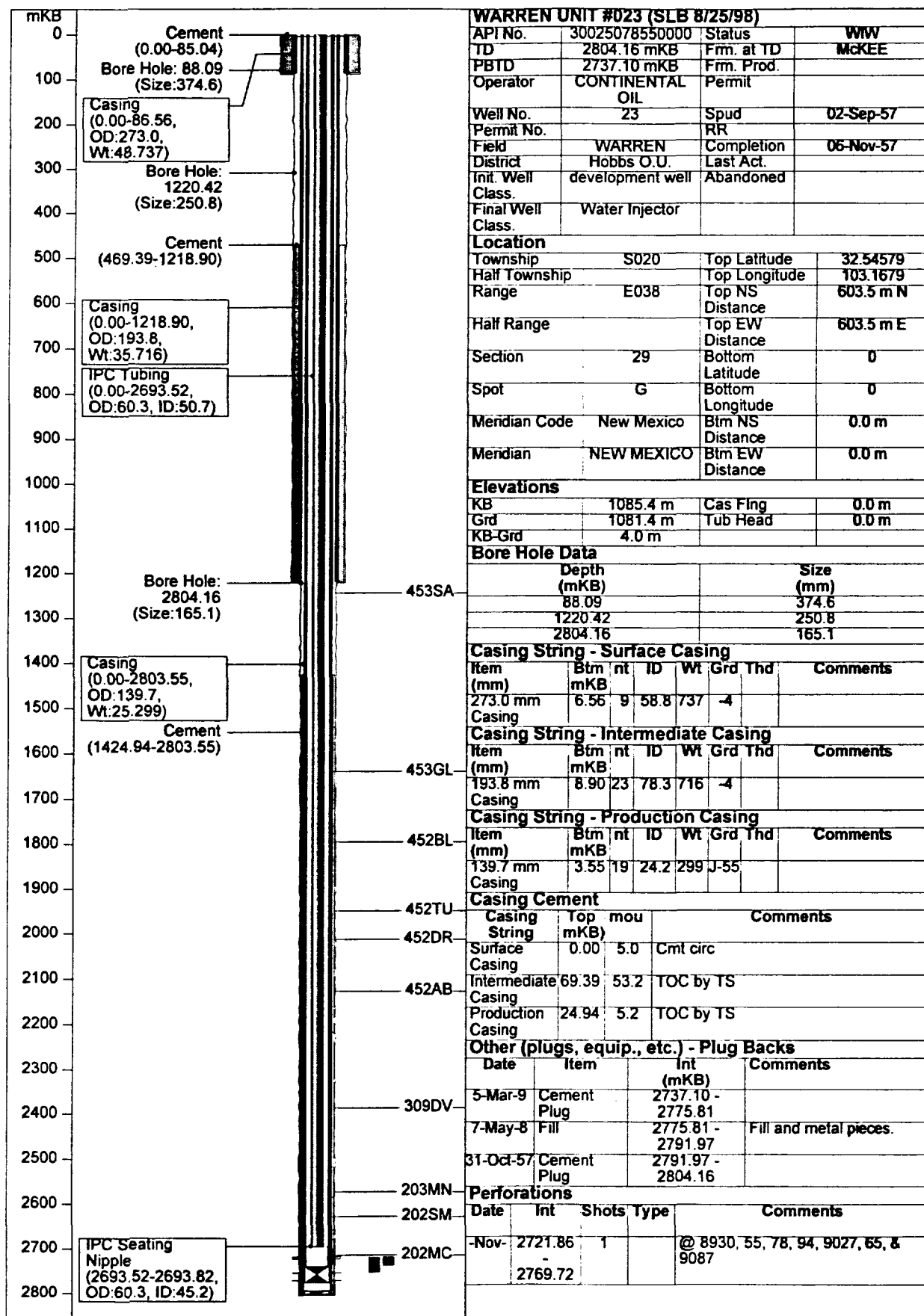
Date

Conditions of approval, if any:

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

# WARREN UNIT #023 (SLB 8/25/98)



Cum MBO @ 1-1-79 = 8956 MMBO

60, 62, 23 & 28 - Injection  
→ New - #128

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No.  
LC 031695B  
6. If Indian, Allottee or Tribe Name  
7. If Unit or CA, Agreement Designation  
8. Name of lease & well  
Warren Unit, Well #28  
9. API Well #  
30 025 07831  
10. Field and Pool, or Exploratory Area  
Warren McKee Simpson  
11. County or Parish, State  
Lea, NM

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 ☒ INJECTION  
Other  
2. Name of Operator  
CONOCO, INC.  
3. Address and Telephone No.  
10 Desta Dr., Suite 100W, Midland, Texas 79705-4500, 915 686-5424 915 684-6381  
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Surface: 1980' FSL & 2310' FEL  
TD: Sec 20, T20S, R38E, Unit Letter J

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

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                            |                                                  |
|-------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Abandonment                      | <input type="checkbox"/> Change of Plans         |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion                     | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Plugging Back                    | <input type="checkbox"/> Non-Routine Fracturing  |
|                                                       | <input type="checkbox"/> Casing Repair                    | <input type="checkbox"/> Water Shut-Off          |
|                                                       | <input type="checkbox"/> Altering Casing                  | <input type="checkbox"/> Conversion to Injection |
|                                                       | <input checked="" type="checkbox"/> Put back on injection | <input type="checkbox"/> Dispose Water           |

(Note: Report results of multiple completion on 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.)

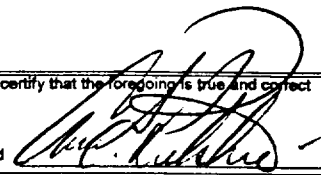
Waterflood operations were suspended for the McKee zone effective 8/97 for evaluation. Since that time the production from the McKee zone has fallen at an unacceptable rate. Also, production from the most recent Conoco completion in the McKee in Section 29 will be enhanced by re-injecting.

We propose to put this well back into use for injection effective 1-1-99.  
The permit for the McKee injection project is Order No. WFX-566.

9102  
9139

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

Signed



Title

Ann E. Ritchie  
REGULATORY AGENT

Date 11-17-98

(This space for Federal or State office use)

Approved by

Conditions of approval, if any

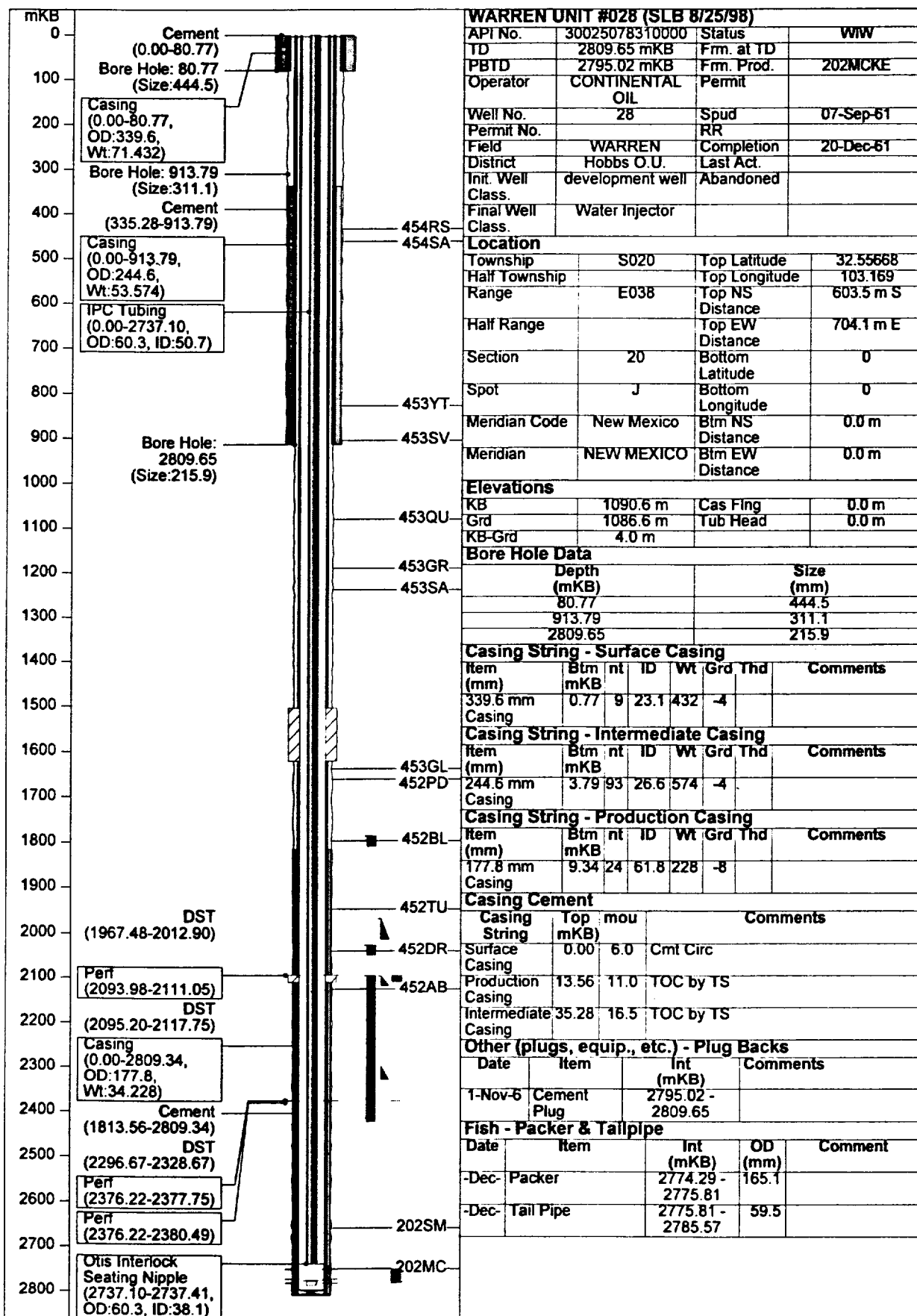
Title

Date

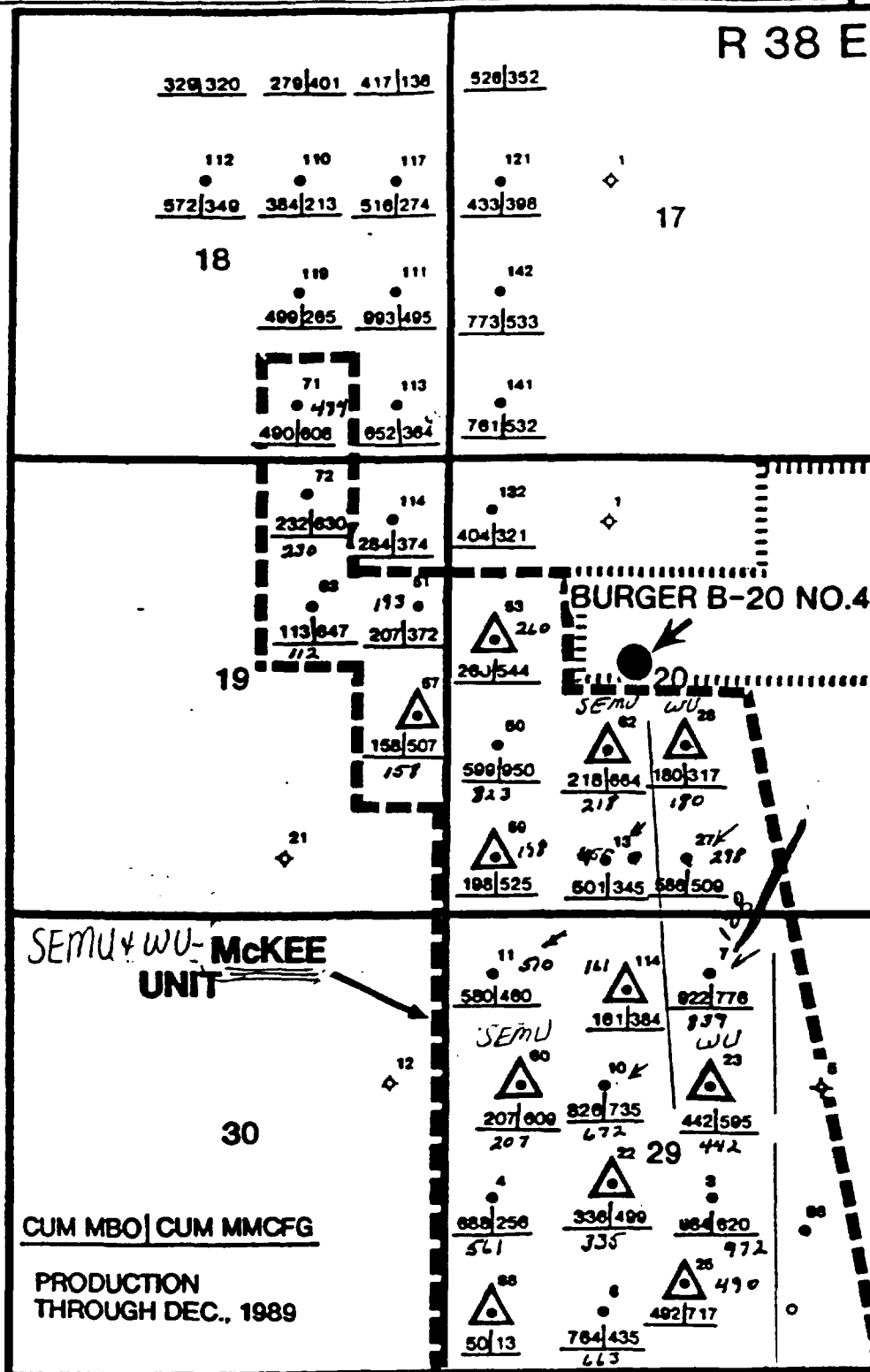
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

# WARREN UNIT #028 (SLB 8/25/98)



R 38 E



T 20 S

60, 62, 23 & 28 - Injection New - #128

EXISTING

PLANNED FOR 1991

PLANNED/DONE FOR 1990

NEW WELL  
OIL WELL  
GAS WELL  
DRY HOLE  
OIL & GAS WELL  
ABANDONED OIL WELL  
ABANDONED GAS WELL  
INJECTION WELL  
RECOMPLETE WELL  
SHUT-IN  
SWD

---  
•  
•  
•  
•  
•  
•  
•  
•  
•  
•  
•

□  
---  
---  
---  
---  
---  
---  
□  
□  
□  
□  
□

•  
•  
•  
•  
•  
•  
•  
•  
•  
•  
•

CONOCO

EPNGNA  
MIDLAND DIVISION

SEM U+ WU- McKEE POOL  
PRODUCTION MAP  
PROPOSED BURGER B-20 NO.4

PROJECT

COUNTY LEA, NEW MEXICO C.I.

BY: McCAFFERTY

DATE: 6-80

REVISED BY:

DATE:

DRAFTED BY PDJ

SCALE 1"=2000'

BUDGET JOB#

Cum MBO @ 1-1-79 = 8956 MMBO