

1.4 Oil  
Driller  
Artesian  
RECEIVED

cls F

Form 3160-5  
June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT - 4 1993

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

Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other  
Name of Operator  
Conoco Inc.

Address and Telephone No.  
10 Desta Drive STE 100W. Midland, TX 79705 (915)686-5583

Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980' FNL & 660' FWL, Sec. 30, T-19S, R-25E, Unit 'E'

5. Lease Designation and Serial No.  
NM0559175

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
SW 859

8. Well Name and No.  
Dagger Draw No. 9

9. API Well No.  
30-015-26489

10. Field and Pool, or Exploratory Area

NO DAGGER DRAW UPPER PENN  
11. County or Parish, State

EDDY, NM

CHECK APPROPRIATE BOX(S) 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  
☒ Other

NTL 2B

- ☐ 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.)\*

Formation producing water:  
Amount of water produced:  
Water Analysis:  
How water is stored on lease:  
How water is moved to disposal:  
Disposal System Operator:  
Disposal Wells--Name, Number, Location &  
NMOCD Permit numbers:

Cisco  
140 BWP  
See attached.  
No water stored on lease.  
Piped from treating equipment.  
Conoco Inc.  
Monsanto Foster SWD No. 1  
Unit D, Sec. 5, T-20S, R-25E  
Case #5455, Order R-4158B

Kind SWD No. 1  
Unit C, Sec. 9, T-20S, R-25E  
Case #5708, Order R-5250

Pit Approvals:

None

OK for Approval  
J. Gms  
9/16/93

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

Signed

Joe G. Lara

Title

Sr. Analyst

Date

5-10-93

(This space for Federal or State office use)

(ORIG. SGD.) JOE G. LARA

Title

PETROLEUM ENGINEER

Date

10/1/93

Approved by

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

**TRETOLITE****Chemicals and Services**

16010 Barker's Point Lane • Houston, Texas 77079  
 713 558-5200 • Telex: 4620346 • FAX: 713 589-4737

Reply to: P.O. Box FF  
 Artesia, New Mexico 88210  
 (505) 746-3588 Phone  
 (505) 748-3580 Fax

**WATER ANALYSIS REPORT**

Company : CONOCO, INC  
 Address : ARTESIA, NEW MEXICO  
 Lease : COMINGLED BATTERY  
 Well : PRODUCED WATER  
 Sample Pt. : TANK

Date : 04/21/93  
 Date Sampled : 04/20/93  
 Analysis No. : 121

| ANALYSIS                                           |                  | mg/L   |                  | * meq/L |
|----------------------------------------------------|------------------|--------|------------------|---------|
| -----                                              |                  | ----   |                  | -----   |
| 1. pH                                              | 7.2              |        |                  |         |
| 2. H <sub>2</sub> S                                | 260 PPM          |        |                  |         |
| 3. Specific Gravity                                | 1.005            |        |                  |         |
| 4. Total Dissolved Solids                          |                  | 9843.7 |                  |         |
| 5. Suspended Solids                                |                  | NR     |                  |         |
| 6. Dissolved Oxygen                                |                  | NR     |                  |         |
| 7. Dissolved CO <sub>2</sub>                       |                  | NR     |                  |         |
| 8. Oil In Water                                    |                  | NR     |                  |         |
| 9. Phenolphthalein Alkalinity (CaCO <sub>3</sub> ) |                  |        |                  |         |
| 10. Methyl Orange Alkalinity (CaCO <sub>3</sub> )  |                  |        |                  |         |
| 11. Bicarbonate                                    | HCO <sub>3</sub> | 963.0  | HCO <sub>3</sub> | 15.8    |
| 12. Chloride                                       | Cl               | 3301.0 | Cl               | 93.1    |
| 13. Sulfate                                        | SO <sub>4</sub>  | 2375.0 | SO <sub>4</sub>  | 49.5    |
| 14. Calcium                                        | Ca               | 1148.0 | Ca               | 57.3    |
| 15. Magnesium                                      | Mg               | 299.5  | Mg               | 24.6    |
| 16. Sodium (calculated)                            | Na               | 1757.2 | Na               | 76.4    |
| 17. Iron                                           | Fe               | NR     |                  |         |
| 18. Barium                                         | Ba               | NR     |                  |         |
| 19. Strontium                                      | Sr               | NR     |                  |         |
| 20. Total Hardness (CaCO <sub>3</sub> )            |                  | 4100.0 |                  |         |

**PROBABLE MINERAL COMPOSITION**

| *milli equivalents per Liter                    |    | Compound                           | Equiv wt | X meq/L | = mg/L |
|-------------------------------------------------|----|------------------------------------|----------|---------|--------|
| -----                                           |    |                                    |          |         |        |
| 57 *Ca <----- *HCO <sub>3</sub>                 | 16 | Ca(HCO <sub>3</sub> ) <sub>2</sub> | 81.0     | 15.8    | 1279   |
| ----- /----->                                   |    | CaSO <sub>4</sub>                  | 68.1     | 41.5    | 2825   |
| 25 *Mg -----> *SO <sub>4</sub>                  | 49 | CaCl <sub>2</sub>                  | 55.5     |         |        |
| ----- <----- /                                  |    | Mg(HCO <sub>3</sub> ) <sub>2</sub> | 73.2     |         |        |
| 76 *Na -----> *Cl                               | 93 | MgSO <sub>4</sub>                  | 60.2     | 8.0     | 479    |
| -----                                           |    | MgCl <sub>2</sub>                  | 47.6     | 16.7    | 794    |
| Saturation Values Dist. Water 20 C              |    | NaHCO <sub>3</sub>                 | 84.0     |         |        |
| CaCO <sub>3</sub> 13 mg/L                       |    | Na <sub>2</sub> SO <sub>4</sub>    | 71.0     |         |        |
| CaSO <sub>4</sub> * 2H <sub>2</sub> O 2090 mg/L |    | NaCl                               | 58.4     | 76.4    | 4467   |
| BaSO <sub>4</sub> 2.4 mg/L                      |    |                                    |          |         |        |

**REMARKS:**

----- L. MALLET / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,  
 STEVE TIGERT