

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.

NMLC034548

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Deck Federal #2

9. API Well No.

30-025-25666

10. Field and Pool, or Exploratory Area

Drinkard

11. County or Parish, State

Lea County, 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 ☐ Other

2. Name of Operator

Me-Tex Oil & Gas, Inc.

3. Address and Telephone No.

P.O. Box 2070, Hobbs, NM 88241

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

Unit Letter C, 860 Feet from the North Line and 1980 Feet from West Line, Sec. 18, T22S, R37E

12. 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

- ☐ 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.)\*

Production water is moved via pipeline to Rice Engineering's disposal BD SWD Well N-18.  
Underground Injection Control Permit #SWD-078.

See attached analysis.

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

Signed Rodena Hiner

Title Secretary/Treasurer

Date 11-17-99

(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

GWW

# Miller Chemicals, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : Matex Oil  
Lease : Deck Federal  
Well No. : Treater  
Lab No. : F:\ANALYSES\Nov1599.003

Sample Loc. :  
Date Analyzed: 15-November-1999  
Date Sampled :

### ANALYSIS

1. pH 6.120
2. Specific Gravity 60/60 F. 1.103
3. CaCO<sub>3</sub> Saturation Index @ 80 F. -0.327  
@ 140 F. +0.553

#### Dissolved Gases

- |                     | MG/L           | EQ. WT. | *MEQ/L |
|---------------------|----------------|---------|--------|
| 4. Hydrogen Sulfide | Not Present    |         |        |
| 5. Carbon Dioxide   | Not Determined |         |        |
| 6. Dissolved Oxygen | Not Determined |         |        |

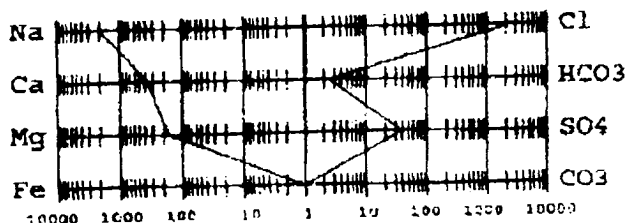
#### Cations

- |              |        |                |          |          |
|--------------|--------|----------------|----------|----------|
| 7. Calcium   | (Ca++) | 7,014          | / 20.1 = | 348.96   |
| 8. Magnesium | (Mg++) | 2,006          | / 12.2 = | 164.43   |
| 9. Sodium    | (Na+)  | 44,183         | / 23.0 = | 1,921.00 |
| 10. Barium   | (Ba++) | Not Determined |          |          |

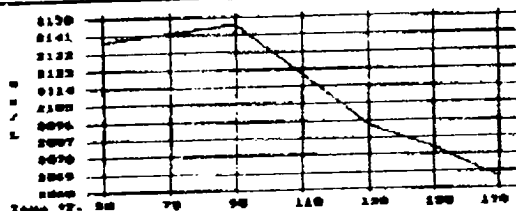
#### Anions

- |   |                      |            |          |          |
|---|----------------------|------------|----------|----------|
| 11. Hydroxyl                            | (OH-)                | 0          | / 17.0 = | 0.00     |
| 12. Carbonate                           | (CO <sub>3</sub> ==) | 0          | / 30.0 = | 0.00     |
| 13. Bicarbonate                         | (HCO <sub>3</sub> -) | 146        | / 61.1 = | 2.39     |
| 14. Sulfate                             | (SO <sub>4</sub> ==) | 1,800      | / 48.8 = | 36.89    |
| 15. Chloride                            | (Cl-)                | 84,981     | / 35.5 = | 2,393.83 |
| 16. Total Dissolved Solids              |                      | 140,130    |          |          |
| 17. Total Iron (Fe)                     |                      | 17         | / 18.2 = | 0.93     |
| 18. Total Hardness As CaCO <sub>3</sub> |                      | 25,773     |          |          |
| 19. Resistivity @ 75 F. (Calculated)    |                      | 0.046 /cm. |          |          |

#### LOGARITHMIC WATER PATTERN \*meq/L.



#### Calcium Sulfate Solubility Profile



#### PROBABLE MINERAL COMPOSITION COMPOUND EQ. WT. X \*meq/L = mg/L.

|                                    |       |          |         |
|------------------------------------|-------|----------|---------|
| Ca(HCO <sub>3</sub> ) <sub>2</sub> | 81.04 | 2.39     | 194     |
| CaSO <sub>4</sub>                  | 58.07 | 36.89    | 2,511   |
| CaCl <sub>2</sub>                  | 55.50 | 309.68   | 17,187  |
| Mg(HCO <sub>3</sub> ) <sub>2</sub> | 73.17 | 0.00     | 0       |
| MgSO <sub>4</sub>                  | 60.19 | 0.00     | 0       |
| MgCl <sub>2</sub>                  | 47.62 | 164.43   | 7,830   |
| NaHCO <sub>3</sub>                 | 84.00 | 0.00     | 0       |
| NaSO <sub>4</sub>                  | 71.03 | 0.00     | 0       |
| NaCl                               | 58.46 | 1,919.72 | 112,227 |

\*Milli Equivalents per Liter

This water is slightly corrosive due to the pH observed on analysis.  
The corrosivity is increased by the content of mineral salts in solution.

**RICE OPERATING COMPANY**

| WELL             | PERMIT # | LEGAL LOCATION             |
|------------------|----------|----------------------------|
| BD SWD WELL A-22 | #R-5137  | NE/4 NE/4 SEC 22-T22S-R37E |
| BD SWD WELL C-2  | #R-4495  | NE/4 NW/4 SEC 2-T21S-R37E  |
| BD SWD WELL N-18 | #SWD-078 | NE/4 SW/4 SEC 18-T22S-R37E |
| BD SWD WELL H-35 | #SWD-082 | SE/4 NE/4 SEC 35-T22S-R37E |