

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 ☐ Gas
☒ Well ☐ Well ☐ Other

2. Name of Operator

STRATA PRODUCTION COMPANY

3. Address and Telephone No.

P.O. Box 1030
Roswell, New Mexico 88202-1030 505-622-1127

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

1980' FNL & 1980' FWL
Section 25-20S-28E

5. Lease Designation and Serial No.

NM-17103

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Lee Federal #7

9. API Well No.

30-015-28146

10. Field and Pool, or Exploratory Area

Scanlon Delaware

11. County or Parish, State

Eddy County, New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

- ☐ 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.)*

In accordance with Notice of Incidents of NonCompliance dated May 22, 1996 regarding NTL-2B approval, the following is hereby submitted for review and approval:

1. Production is from the Delaware formation.
2. Produces an average of four (4) barrels of water per day.
3. Water analysis is attached.
4. Produced water is stored in a fiberglass storage tank.
5. Produced water is trucked off lease by commercial source.

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

Signed Carol J. Garcia

Title Production Records Manager

Date 7/9/96

(This space for Federal or State office use)

Approved by (ORIG. SGD.) DAVID E. CLARK

Title PETROLEUM ENGINEER

Date SEP 24 1996

Conditions of approval, if any:

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Title 18 U.S.C. § 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

Enviro-Chem, Inc.

WATER ANALYSIS REPORT

SAMPLE

Oil Co. : Strata Oil & Gas
Lease : Lee Federal
Well No. : # 7
Salesman :

Sample Loc. :
Date Analyzed: 12-August-1996
Date Sampled :

ANALYSIS

1. pH 7.100
2. Specific Gravity 60/60 F. 1.103
3. CaCO₃ Saturation Index @ 80 F. +1.428
@ 140 F. +2.328

Dissolved Gases MG/L EQ. WT. *MEQ/L

4. Hydrogen Sulfide 180
5. Carbon Dioxide Not Determined
6. Dissolved Oxygen Not Determined

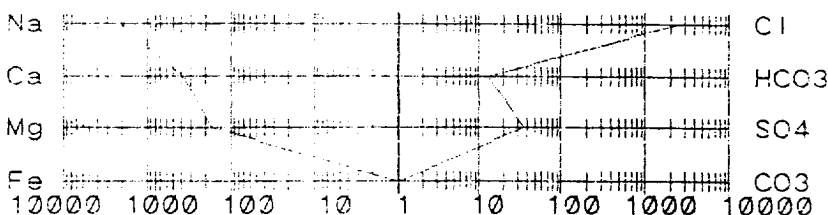
Cations

7. Calcium (Ca⁺⁺) 7,415 / 20.1 = 368.91
8. Magnesium (Mg⁺⁺) 2,006 / 12.2 = 164.43
9. Sodium (Na⁺) (Calculated) 45,855 / 23.0 = 1,993.70
10. Barium (Ba⁺⁺) Not Determined

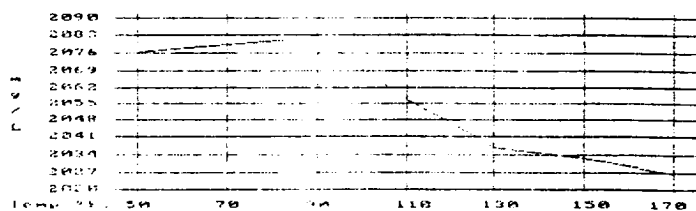
Anions

11. Hydroxyl (OH⁻) 0 / 17.0 = 0.00
12. Carbonate (CO₃⁼) 0 / 30.0 = 0.00
13. Bicarbonate (HCO₃⁻) 771 / 61.1 = 12.62
14. Sulfate (SO₄⁼) 1,700 / 48.8 = 34.84
15. Chloride (Cl⁻) 87,980 / 35.5 = 2,478.31
16. Total Dissolved Solids 145,727
17. Total Iron (Fe) 2 / 18.2 = 0.11
18. Total Hardness As CaCO₃ 26,774
19. Resistivity @ 75 F. (Calculated) 0.042 /cm.

LOGARITHMIC WATER PATTERN *meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION				
COMPOUND	EQ. WT.	X	*meq/L	= mg/L.
Ca(HCO ₃) ₂	81.04		12.62	1,023
CaSO ₄	68.07		34.84	2,371
CaCl ₂	55.50		321.45	17,841
Mg(HCO ₃) ₂	73.17		0.00	0
MgSO ₄	60.19		0.00	0
MgCl ₂	47.62		164.43	7,830
NaHCO ₃	84.00		0.00	0
NaSO ₄	71.03		0.00	0
NaCl	58.46		1,992.43	116,478

*Milli Equivalents per Liter

This water is mildly corrosive due to the pH observed on analysis.
The corrosivity is increased by the content of mineral salts, and the presence of H₂S in solution.