

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ARTESIA, NM 87001-1101

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 Well ☐ Gas 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)

990' FSL & 712' 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 #5Y

9. API Well No.

30-015-24995

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	
<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 type="checkbox"/> OTHER	<input checked="" 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.)

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 thirteen (13) 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 R. GLASS

Title PETROLEUM ENGINEER

Date SEP 24 1996

Conditions of approval, if any:

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

# Enviro-Chem, Inc.

## WATER ANALYSIS REPORT

### SAMPLE

Oil Co. : Strata Oil & Gas  
Lease : Lee Federal  
Well No. : # 5  
Salesman :

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

### ANALYSIS

1. pH 5.100
2. Specific Gravity 60/60 F. 1.154
3. CaCO<sub>3</sub> Saturation Index @ 80 F. +0.679  
@ 140 F. +2.289

#### Dissolved Gasses

MG/L EQ. WT. \*MEQ/L

4. Hydrogen Sulfide 0
5. Carbon Dioxide Not Determined
6. Dissolved Oxygen Not Determined

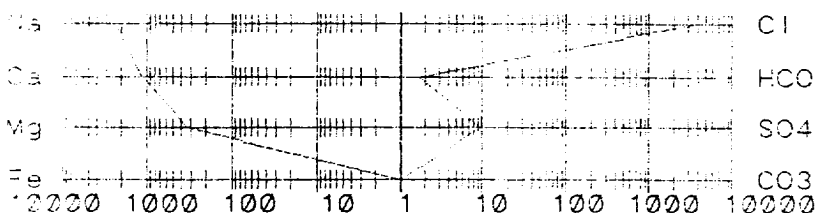
#### Cations

7. Calcium (Ca<sup>++</sup>) 21,543 / 20.1 = 1,071.79
8. Magnesium (Mg<sup>++</sup>) 3,829 / 12.2 = 313.85
9. Sodium (Na<sup>+</sup>) (Calculated) 52,578 / 23.0 = 2,286.00
10. Barium (Ba<sup>++</sup>) Not Determined

#### Anions

11. Hydroxyl (OH<sup>-</sup>) 0 / 17.0 = 0.00
12. Carbonate (CO<sub>3</sub><sup>=</sup>) 0 / 30.0 = 0.00
13. Bicarbonate (HCO<sub>3</sub><sup>-</sup>) 98 / 61.1 = 1.60
14. Sulfate (SO<sub>4</sub><sup>=</sup>) 450 / 48.8 = 9.22
15. Chloride (Cl<sup>-</sup>) 129,971 / 35.5 = 3,661.15
16. Total Dissolved Solids 208,469
17. Total Iron (Fe) 12 / 18.2 = 0.66
18. Total Hardness As CaCO<sub>3</sub> 69,562
19. Resistivity @ 75 F. (Calculated) 0.001 /cm.

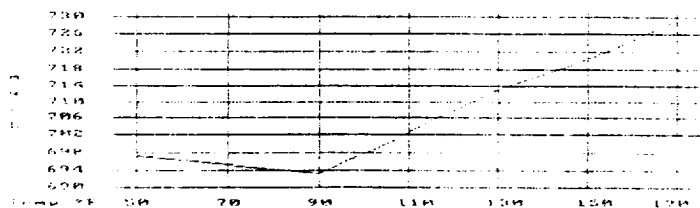
#### LOGARITHMIC WATER PATTERN \*meq/L.



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

Cl	Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04	1.60	130
HCO <sub>3</sub>	CaSO <sub>4</sub>	68.07	9.22	629
SO <sub>4</sub>	CaCl <sub>2</sub>	55.50	1.060.97	58.884
CO <sub>3</sub>	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	313.85	14.946
	NaHCO <sub>3</sub>	84.00	0.00	0
	NaSO <sub>4</sub>	71.03	0.00	0
	NaCl	58.46	2.286.34	133.659

#### Calcium Sulfate Solubility Profile



\*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.