

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M.
P.O. Box
[unclear]

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
 Read & Stevens, Inc.

3. Address and Telephone No.
 P. O. Box 1518 Roswell, NM 88202-1518 505/622-3770

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 480' FSL & 2130' FWL
 Section 33 T19S-R34E (N)

5. Lease Designation and Serial No.
 NM-94622

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 Pearl 33 Federal #1

9. API Well No.
 30-025-34119

10. Field and Pool, or Exploratory Area
 NE Lea Delaware

11. County or Parish, State
 Lea County, New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<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.)*

1. Producing formation is the Delaware
2. Daily water production is 75 BBLS.
3. Water analysis: See attached report.
4. Water is stored in fiberglass tanks.
5. Water is moved by polypipe.
6. A. Operator is New Mexico Salt Water Disposal Company, Inc.
 B. Well name is Whitten SWD
 C. Well type SWDW, well #1
 D. Location is NE/4SE/4 Section 14 T20S-R34E.
7. NMOC D #SWD-525

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct

Signed [Signature] Title Petroleum Engineer Date 4-19-99

(This space for Federal or State office use)
 (ORIG: [unclear]) LES BARYAV

Approved by [Signature] Title PETROLEUM ENGINEER Date MAY 26 1999

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

GW



Company: Read & Stevens
 Source: Wellhead
 Number: 7678
 Salesman: Ray D. Hardin

Location: Pearl 33 Fedina 1 #1
 Attention:
 Date Sampled: July 1, 1998
 Date of Analysis: July 15, 1998

ANALYSIS	mg/L	EQ. WT.	MEQ/L
1. pH	6.70		
2. Specific Gravity 80/80 f.	1.178		
3. Hydrogen Sulfide	10 PPM		
4. Carbon Dioxide	0.0 PPM		
5. Dissolved Oxygen	Not Determined		
6. Hydroxyl (OH-)	0 /	17.0 =	0.00
7. Carbonate (CO3=)	0 /	30.0 =	0.00
8. Bicarbonate (HCO3-)	354 /	61.1 =	5.79
9. Chloride (Cl-)	157,964 /	35.5 =	4,449.69
10. Sulfate (SO4=)	440 /	48.8 =	9.02
11. Calcium (CA++)	21,082 /	20.1 =	1,048.86
12. Magnesium (Mg++)	7,270 /	12.2 =	595.90
13. Sodium (Na+)	64,854 /	23.0 =	2,819.74
14. Barium (Ba++)	Not Determined		
15. Total Iron (Fe)	16.00		
16. Dissolved Solids	251,964		
17. Filterable Solids	0.00		
18. Total Solids	251,964		
19. Total Hardness As CaCO3	82,573		
20. Suspended Oil	0.0000		
21. Volume Filtered (ml)	0		
22. Resistivity @ 75 F. (calculated)	0.0300 /cm.		

23. CAC03 Saturation Index	
@80 F.	0.7355
@100 F.	1.0455
@120 F.	1.3055
@140 F.	1.8655
@160 F.	2.0055

PROBABLE MINERAL COMPOSITION			
COMPOUND	EQ. WT.	X	MEQ/L = mg/L
Ca(HCO3)2	81.04		5.79 469
CaSO4	88.07		9.02 614
CaCl2	55.50		1,034.05 57,390
Mg(HCO3)2	73.17		0.00 0
MgSO4	60.19		0.00 0
MgCL2	47.82		595.90 28,377
NaHCO3	84.00		0.00 0
NaSO4	71.03		0.00 0
NaCl	58.46		2,819.74 164,842

24. CASO4 Supersaturation Ratio	
@70F	0.9418
@90F	1.0700
@110F	0.9183
@130F	0.8967
@150F	0.8981

Ratio Greater than 1 indicates Scale