

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COMMISSION  
Drawer DD  
Artesia, NM 88210  
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

C/SF

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  
**YATES PETROLEUM CORPORATION**

3. Address and Telephone No.  
 105 S. 4th Street, Artesia, NM 88210    (505) 748-1471

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 Section 20-T19S-R25E    1980' FSL & 660' FEL Unit I NESE

5. Lease Designation and Serial No.  
 NM-0557142

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
 Ross EG Fed. Com. #13

9. API Well No.  
 3001528128

10. Field and Pool, or Exploratory Area  
 Dagger Draw Upper Penn, North

11. County or Parish, State  
 Eddy, N.M.

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 checked="" 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.)\*

Yates Petroleum Corporation is submitting application for produced water from the above well. Order #7 and requests your approval. The well produces approximately 103 bbls of water per day from the Dagger Draw Upper Penn, North formation. The water is stored in a 210 barrel fiberglass tank and pipelined to the Dagger Draw State "CO" SWD Water Sysytem. (see attached)

A water analysis is attached.

RECEIVED

SEP 25 1995

OIL CON. DIV.  
DIST. 2

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

Signed Shannon Coupland Title Production Clerk Date 8/15/95

(This space for Federal or State office use)

Approved by Orig. Signed by Shannon J. Shaw Title PETROLEUM ENGINEER Date 8/28/95

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

ATTACHMENT #1

YATES PETROLEUM CORPORATION - STATE "CO" SWD DISPOSAL SYSTEM

The Yates State "CO" SWD water gathering system consists of nine (9) salt water injection wells approved for disposal of produced water. The nine (9) wells are listed below:

STATE "CO" #1, NE 1/4 SW 1/4, Section 36-T19S-R24E, Eddy County, NM  
INJECTION INTERVAL: 10038 -11311' Devonian  
APPROVED BY NMOCD ORDER NO. SWD-285

COTTON "MX" FEDERAL #1, NE 1/4 NW 1/4 Section 14-T19S-R25E, Eddy County, NM  
INJECTION INTERVAL: 7686-7710' Canyon  
APPROVED BY NMOCD ORDER NO. SWD-370

DONAHUE FEDERAL #1, SW 1/4 NW 1/4, Section 10-T20S-R24E, Eddy County, NM  
INJECTION INTERVAL: 4296-4596' Abo  
APPROVED BY NMOCD ORDER NO. SWD-377

STATE "D" #1, SE 1/4 SW 1/4, Section 16-T20S-R24E, Eddy County, NM  
INJECTION INTERVAL: 9723-11052' Devonian - Bliss  
APPROVED BY NMOCD ORDER NO. SWD-395

ROY AET #3, SE 1/4 SE 1/4, Section 7-T19S-R25E, Eddy County, NM  
INJECTION INTERVAL: 9766-11110' Devonian and Ellenburger  
APPROVED BY NMOCD ORDER NO. SWD-437

ROUTH NU #2, NW 1/4 NE 1/4, Section 14-T19S-R24E, Eddy County, NM  
INJECTION INTERVAL: 8810-8878' Morrow  
APPROVED BY NMOCD ORDER NO. SWD-399

MIMOSA AHS FEDERAL #1, NE 1/4 SE 1/4, Section 4-T20S-R24E, Eddy County, NM  
INJECTION INTERVAL: 9515-11011' Mississippian, Devonian, Ellenburger  
APPROVED BY NMOCD ORDER NO. SWD-408

MIMOSA AHS FEDERAL #4, SE 1/4 SW 1/4, Section 4-T20S-R24E, Eddy County, NM  
INJECTION INTERVAL: 9860-11159' Devonian, Ellenburger and Bliss Sand  
APPROVED BY NMOCD ORDER NO. SWD-476

HUMBLE SWD #1, SE 1/4 SE 1/4, Section 24-T20S-R24E, Eddy County, NM  
INJECTION INTERVAL: 9600-11580' Ellenburger and Devonian (Open Hole)  
APPROVED BY NMOCD ORDER NO. SWD-434



Petrolite Corporation  
422 West Main Street  
Artesia, NM 88210-2041

# TRETOLITE DIVISON

(505) 746-3588  
Fax (505) 746-3580

## WATER ANALYSIS REPORT

Reply to:  
P.O. Box 1140  
Artesia, NM  
88211-7531

Company	: YATES PETROLEUM	Date	: 07/11/95
Address	: ARTESIA, N.M.	Date Sampled	: 07/10/95
Lease	: ROSS "EG" FED.	Analysis No.	: 0122
Well	: #13		
Sample Pt.	: WELLHEAD		

ANALYSIS		mg/L		* meq/L
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1. pH		6.0		
2. H2S		NR		
3. Specific Gravity		1.060		
4. Total Dissolved Solids		71287.1		
5. Suspended Solids		NR		
6. Dissolved Oxygen		NR		
7. Dissolved CO2		NR		
8. Oil In Water		NR		
9. Phenolphthalein Alkalinity (CaCO3)				
10. Methyl Orange Alkalinity (CaCO3)				
11. Bicarbonate	HCO3	244.0	HCO3	4.0
12. Chloride	Cl	46434.0	Cl	1309.8
13. Sulfate	SO4	1750.0	SO4	36.4
14. Calcium	Ca	13880.0	Ca	692.6
15. Magnesium	Mg	6888.9	Mg	566.8
16. Sodium (calculated)	Na	2090.3	Na	90.9
17. Iron	Fe	NR		
18. Barium	Ba	NR		
19. Strontium	Sr	NR		
20. Total Hardness (CaCO3)		63025.0		

### PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter		Compound	Equiv wt	X meq/L	= mg/L
-----					
693	*Ca <----- *HCO3	Ca(HCO3)2	81.0	4.0	324
	/----->	CaSO4	68.1	36.4	2480
567	*Mg -----> *SO4	CaCl2	55.5	652.2	36189
	<-----/	Mg(HCO3)2	73.2		
91	*Na -----> *Cl	MgSO4	60.2		
		MgCl2	47.6	566.8	26980
Saturation Values Dist. Water 20 C					
CaCO3	13 mg/L	NaHCO3	84.0		
CaSO4 * 2H2O	2090 mg/L	Na2SO4	71.0		
BaSO4	2.4 mg/L	NaCl	58.4	90.9	5313

REMARKS:  
----- ANDY MILLER

Petrolite Oilfield Chemicals Group

Respectfully submitted,  
SHAWNA MATTHEWS