

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM OIL CONS COMMISSION
Drawer DD

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

CLSF

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

5. Lease Designation and Serial No.

NMLC-028990B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Creek AL Federal #3

9. API Well No.

3001520234

10. Field and Pool, or Exploratory Area

Shugart Yates 7R-Queen

11. County or Parish, State

Eddy, N.M.

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 25-T18S-R30E 660' FNL & 2310' FwL Unit C, NENW

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.)*

RECEIVED

JUL 18 1995

Yates Petroleum Corporation is submitting application for produced water from the above well pursuant to NTL-2B, Section II, and requests your approval. The well produces approximately 74 bbls of water per day from the Shugart Yates 7R-Queen formation. The water is stored in a 210 barrel stock tank and pipelined to the Meridian Flood #4 System.

A water analysis is attached.

OIL CON. DIV.
DIST. 2

APR 7 11 07 AM '95
CARE
AREA

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

Signed Shannon Coupland

Title Production Clerk

Date 4-6-95

(This space for Federal or State office use)

Approved by Oil Engineer by Adas Salzman

Title Petroleum Engineer

Date 7/14/95

Conditions of approval, if any:

REEF CHEMICAL CO., INC.
P.O. Box 1109, Snyder, Texas 79550

WATER ANALYSIS REPORT

Company: YATES PETROLEUM
Source :
Number : 37940

Location: CREEK "AL" #3
Attention:
Date Sampled: JANUARY 26, 1995
Salesman: RANDY ALLISON

ANALYSIS	mg/L	EQ. WT.	MEQ/L
1. pH	6.21		
2. Specific Gravity 60/60 f.	1.108		
3. Hydrogen Sulfide	90 PPM		
4. Carbon Dioxide	3.0 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-)	366 / 61.1 =		5.99
9. Chloride (Cl-)	113,974 / 35.5 =		3,210.54
10. Sulfate (SO4=)	3,250 / 48.8 =		66.60
11. Calcium (Ca++)	6,894 / 20.1 =		342.99
12. Magnesium (Mg++)	3,064 / 12.2 =		251.15
13. Sodium (Na+)	61,847 / 23.0 =		2,688.99
14. Barium (Ba++)	Not Determined		
15. Total Iron (Fe)			
16. Dissolved Solids	189,395		
17. Filterable Solids	0.00		
18. Total Solids	189,395		
19. Total Total Hardness As CaCO3	29,827		
20. Suspended Oil	0		
21. Volume Filtered (ml)	0		
22. Resistivity @ 75 F. (calculated)	0.041 /cm.		

23. CaCO3 Saturation Index

@80 F.	-0.2254
@100 F.	0.0846
@120 F.	0.3446
@140 F.	0.7046
@160 F.	1.0546

PROBABLE MINERAL COMPOSITION

COMPOUND	EQ. WT. X	MEQ/L	= mg/L
Ca(HCO3)2	81.04	5.99	485
CaSO4	68.07	66.50	4,533
CaCl2	55.50	270.40	15,007
Mg(HCO3)2	73.17	0.00	0
MgSO4	60.19	0.00	0
MgCl2	47.62	251.15	11,960
NaHCO3	84.00	0.00	0
NaSO4	71.03	0.00	0
NaCl	58.46	2,688.99	157,198

24. Calcium Sulfate 2,598 mg/L
solubility @ 90 F.

Mike Otto
Chemist

Creek AL #3
Meridian Flood #4 System
R-3431
29-185-31E
30-185-31E

Knall AOK Yed #1
Flower ABA ST #2
SWD #325
3-265-28E SE $\frac{1}{4}$ NE $\frac{1}{4}$

Llama #1
Flamenco SWD
SWD #428 NW $\frac{1}{4}$ SW $\frac{1}{4}$
7-225-32E

Acotillo #2 } see attached
Warren #2 }
State CO Wt System

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: 7688-7710' 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 18-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