

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NM 911 CONS. COMM. 1000-0135
Drawer DD
Artesia, NM 88210
RECEIVED

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 ☐ Other

2. Name of Operator

YATES PETROLEUM CORPORATION

(505) 748-1471

3. Address and Telephone No.

105 South 4th St., Artesia, NM 88210

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

Section 31-T5S-R25E

5. Lease Designation and Serial No.

NM-36409

6. Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

McClellan MB Federal #5

9. API Well No.

30-005-62994

10. Field and Pool, or Exploratory Area

Pecos Slope Abo

11. County or Parish, State

Chaves, New Mexico

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

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ 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 Log form.)

13. Described proposed or Completed operations (clearly state all pertinent details, and give pertinent dates, including estimated date of stating any proposed work. If well is directionally drilled, give surface 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 pursuant to NTL2-B, Section II, and requests your approval. The well produces approximately .06 bbls of water per day from the Pecos Slope Abo formation. The water is stored in a 210 barrel stock tank and transported by Jim's Water Services to the Yates' Pathfinder AFT ST. #13 SWD permit # SWD-415.

A water analysis is attached.

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FEB 02 1995

OIL CON. DIV.
DIST. 2

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

Signed Shannon Coupland Title production clerk

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

APPROVED
PETER W. CHESTER
JAN 27 1995
BUREAU OF LAND MANAGEMENT
ROSWELL, N.M.

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 a matter its jurisdiction.

TRETOLITE DIVISION

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

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

WATER ANALYSIS REPORT

Date : 11/11/94
Date Sampled : 11/11/94
Analysis No. : 933

ANALYSIS		mg/L	* meq/L	
-----		----	-----	
1.	pH	6.6		
2.	H ₂ S	1 PPM		
3.	Specific Gravity	1.035		
4.	Total Dissolved Solids	54594.0		
5.	Suspended Solids	NR		
6.	Dissolved Oxygen	NR		
7.	Dissolved CO ₂	NR		
8.	Oil In Water	NR		
9.	Phenolphthalein Alkalinity (CaCO ₃)			
10.	Methyl Orange Alkalinity (CaCO ₃)			
11.	Bicarbonate	HCO ₃ 219.0	HCO ₃	3.6
12.	Chloride	Cl 31950.0	Cl	901.3
13.	Sulfate	SO ₄ 2000.0	SO ₄	41.6
14.	Calcium	Ca 4200.0	Ca	209.6
15.	Magnesium	Mg 804.3	Mg	66.2
16.	Sodium (calculated)	Na 15420.7	Na	670.8
17.	Iron	Fe NR		
18.	Barium	Ba NR		
19.	Strontium	Sr NR		
20.	Total Hardness (CaCO ₃)	13800.0		

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter				Compound Equiv wt X meq/L = mg/L			
210	*Ca <-----	*HCO3	4	Ca(HCO3)2	81.0	3.6	291
	/----->			CaSO4	68.1	41.6	2835
66	*Mg ----->	*SO4	42	CaCl2	55.5	164.3	9119
	<-----/			Mg(HCO3)2	73.2		
671	*Na ----->	*Cl	901	MgSO4	60.2		
				MgCl2	47.6	66.2	3150
Saturation Values Dist. Water 20 C				NaHCO3	84.0		
CaCO3		13 mg/L		Na2SO4	71.0		
CaSO4 * 2H2O		2090 mg/L		NaCl	58.4	670.8	39199
BaSO4		2.4 mg/L					

REMARKS:

----- A. MILLER

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT

JAN 9 8 28 AM '94

BUI
RC-SCALE TENDENCY REPORT

Company	: YATES PETROLEUM	Date	: 11/11/94
Address	: ARTESIA, NEW MEXICO	Date Sampled	: 11/11/94
Lease	: MCCLELLAN "MB"	Analysis No.	: 933
Well	: #5	Analyst	: STEVE TIGERT
Sample Pt.	: WATER TANK		

STABILITY INDEX CALCULATIONS
(Stiff-Davis Method)
CaCO₃ Scaling Tendency

S.I. =	0.2	at	60 deg. F	or	16 deg. C
S.I. =	0.3	at	80 deg. F	or	27 deg. C
S.I. =	0.4	at	100 deg. F	or	38 deg. C
S.I. =	0.4	at	120 deg. F	or	49 deg. C
S.I. =	0.5	at	140 deg. F	or	60 deg. C

CALCIUM SULFATE SCALING TENDENCY CALCULATIONS
(Skillman-McDonald-Stiff Method)
Calcium Sulfate

S =	2435	at	60 deg. F	or	16 deg. C
S =	2633	at	80 deg. F	or	27 deg. C
S =	2747	at	100 deg. F	or	38 deg. C
S =	2783	at	120 deg. F	or	49 deg. C
S =	2801	at	140 deg. F	or	60 deg. C

Petrolite Oilfield Chemicals Group

Respectfully submitted,
STEVE TIGERT

YATES PETROLEUM CORPORATION

SALT WATER DISPOSAL WELLS IN NEW MEXICO

September 1, 1992

WELL NAME	LOCATION	ORDER #	APPROXIMATE BWPM DISPOSED OF	AVERAGE INJECTION PRESSURE	INJECTION INTERVAL
CHAVEZ	013400-001 BOB GUSHWA COM #1	21-18S-26E R-5322	0	N/A	8983-9128
HORNER	043749-001 BROWN AEI #1	26-16S-37E SWD-324	81566	VAC-300	10366-10694
IANES	018614-001 CHAMPLIN UL FEDERAL #1	12-8S-31E R-7130	14882	950	4009-4217
PERRY	019599-001 COMPROMISE AEJ FED COM #1	30-18S-27E SWD-400	6306	490	8054-8153
DEHLER	019730-001 COTTON MX COM #1	14-19S-25E SWD-370	229284	1870	7680-8000
PERRY	021657-001 DAVID ROSS SWD #1	35-22S-31E SWD-419	57946	329	4500-5670
CHAVEZ	021700-001 DAYTON TOWNSITE GAS COM #1	21-18S-26E R-7600	39202	173	8901-9062
CHAVEZ	001539-001 DONAHUE FEDERAL #1	10-20S-24E SWD-377	2750	400	4296-4596
PERRY	024155-001 EDDY GR STATE #1	16-23S-28E SWD-414	7434	330	2892-3194
HANES	025300-001 FEDERAL HI #1 (LINDA)	31-6S-26E R-5545	1694	258	963-1470
PERRY	025615-001 FLAMENCO SWD #1	7-22S-32E SWD-428	109383	885	4676-5814
PERRY	025836-002 FLOWER AGA STATE #2	3-26S-28E SWD-325	1500	377	2552-2833
HORNER	026334-001 FREEMAN ACF #1	22-16S-37E R-8290	0	0	10050-10350
HORNER	003200-001 HARRIS STATE #1	29-13S-34E SWD-224	65899	781	10390-10395
HORNER	032270-001 HOOVER ADR STATE #1	1-17S-33E SWD-402	10892	VAC	3767-3774
CHAVEZ	032771-001 HUMBLE HOBBS FEDERAL #1	24-20S-24E SWD-434	339876	1438	9600-11580
HANES	036986-001 LOVELADY ADN STATE #1	31-8S-33E SWD-294	11322	VAC	4286-4419
PERRY	037132-001 LUSK #1 SWD (LUSK #4 SWD)	35-19S-32E SWD-480	5428	160	4733-7678
CHAVEZ	039834-004 MIMOSA AHS #4	4-20S-24E SWD-474	166593	468	9836-11159 (OH)
CHAVEZ	039834-001 MIMOSA AHS FEDERAL #1	4-20S-24E SWD-408	105334	920	9515-11011
ATKINS	040010-002 MITCHELL IN #2	23-17S-25E R-5602	26312	55	8879-9362
DEHLER	043620-001 OSAGE #1	21-19S-25E SWD-336	42720	1431	7672-7813
HANES	043844-013 PATHFINDER AFT STATE #13	21-10S-27E SWD-415	137050	VAC	6442-6729
HANES	043844-007 PATHFINDER AFT STATE #7	21-10S-27E SWD-394	0	0	2450-2650
HANES	043940-003 PATTON AAR STATE #3	5-9S-32E R-3637	662	VAC	5805-5920
HORNER	046582-001 RED HAT STATE UNIT #1	2-16S-33E SWD-468	N/A	N/A	9570-9900
DEHLER	047690-002 ROUTH NU COM #2	14-19S-24E SWD-399	91471	991	9766-11110
DEHLER	047556-003 ROY AET #3	7-19S-25E SWD-437	86096	1135	10025-11311
CHAVEZ	051990-001 STATE CO #1	36-19S-24E SWD-285	93415	1437	10000-11052
PERRY	052125-001 STATE D #1	16-20S-24E SWD-395	95234	657	2595-3685
HANES	052526-001 STONEWALL YE STATE #1	30-20S-28E R-8265	14365	1176	4219-4308
HORNER	052844-002 SUN UW FEDERAL #2	10-8S-33E R-8271	14581		
	052888-002 SWAN VB STATE #2	21-14S-33E R-7292	64629	VAC-120	10071-10350