

OIL CONSERVATION DIVISION

Denver DD

Artesia, N.M.

DISTRICT OFFICE II

July thru December 1991

NO. 2015 N

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE July 23, 1991

PURPOSE ALLOWABLE ASSIGNMENT - NEW OIL

Effective July 1, 1991 an allowable for a marginal (04) well is hereby assigned to Yates Pet. Corp., Mary AIV State #3-B-36-21-31 in the Lost Tank Delaware Pool.

L - S

MP - P

Yates Pet. Corp.

PPC

OIL CONSERVATION DIVISION

Mike Williams

DISTRICT SUPERVISOR

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
30-015-26729

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
LG 9280

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER JUL 10 1991

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER O. C. U. ARTESIA, OFFICE

2. Name of Operator
YATES PETROLEUM CORPORATION (505) 748-1471

3. Address of Operator
105 South 4th St., Artesia, NM 88210

4. Well Location
Unit Letter B: 660 Feet From The North Line and 1980 Feet From The East Line
Section 36 Township 21S Range 31E NMPM Eddy County

10. Date Spudded
5-20-91

11. Date T.D. Reached
6-15-91

12. Date Compl. (Ready to Prod.)
7-2-91

13. Elevations (DF & RKB, RT, GR, etc.)
3612.5' GR

14. Elev. Casinghead

15. Total Depth
8500'

16. Plug Back T.D.
8444'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By
Rotary Tools
0-TD

19. Producing Interval(s), of this completion - Top, Bottom, Name
7103-7140'; 7013-7035' Delaware

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
CNL/LDT; DLL

22. Was Well Cored
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"		40'	26"	Redi-Mix	
13-3/8"	54.5#	850'	17 1/2"	750 sx	
8-5/8"	32#	4442'	11"	1700 sx	
5 1/2"	15.5#, 17#	8500'	7-7/8"	1000 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	7000'

26. Perforation record (interval, size, and number) 7103-7140' w/10 - .50" Holes 7013-7035' w/16 - .50" Holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	7103-40'	w/1000g 7 1/2% acid. SF w/7500g.
	7013-35'	w/1000g 7 1/2% acid. SF w/7500g.

PRODUCTION

28. Date First Production 6-24-91		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 7-2-91	Hours Tested 24	Choke Size 2"	Prod'n For Test Period	Oil - Bbl. 93	Gas - MCF 90	Water - Bbl. 85	Gas - Oil Ratio 968
Flow Tubing Press. 40	Casing Pressure 40	Calculated 24-Hour Rate	Oil - Bbl. 93	Gas - MCF 90	Water - Bbl. 85	Oil Gravity - API - (Corr.) 37°	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Vented - Will be sold	Test Witnessed By Jerry Wyatt
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30. List Attachments DST's, Deviation Survey, Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Juanita Goodlett Printed Name Juanita Goodlett Title Production Supvr Date 7-8-91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler 632	T. Cherry- 5500	T. Ojo Alamo	T. Penn. "B"
T. Anhy	T. Canyon	T. Kirtland-Fruitland	T. Penn. "C"
T. Salt	T. Strawn	T. Pictured Cliffs	T. Penn. "D"
B. Salt	T. Atoka	T. Cliff House	T. Leadville
T. Yates	T. Miss	T. Menefee	T. Madison
T. 7 Rivers	T. Devonian	T. Point Lookout	T. Elbert
T. Queen	T. Silurian	T. Mancos	T. McCracken
T. Grayburg	T. Montoya	T. Gallup	T. Ignacio Otzte
T. San Andres	T. Simpson	Base Greenhorn	T. Granite
T. Glorieta	T. McKee	T. Dakota	T.
T. Paddock	T. Ellenburger	T. Morrison	T.
T. Blinberry	T. Gr. Wash	T. Todilto	T.
T. Tubb	T. Delaware Sand 4442	T. Entrada	T.
T. Drinkard	T. Bone Springs 8419	T. Wingate	T.
T. Abo	T. Brushy Canyon-7210	T. Chinle	T.
T. Wolfcamp	T.	T. Permian	T.
T. Penn	T.	T. Penn "A"	T.
T. Cisco (Bough C)	T.		

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	40	40	Surface, Rock				
40	3153	3113	Anhy, Salt				
3153	3353	200	Anhy				
3353	3552	199	Anhy, Dolo				
3552	3800	248	Anhy, Salt				
3800	4082	282	Salt				
4082	4220	138	Anhy				
4220	4420	200	Anhy, LS				
4420	4580	160	LS				
4580	4820	240	SS, LS				
4820	4860	40	SS, Sh				
4860	6726	1866	SS, LS, Sh				
6726	6768	42	SS, Cht, Dolo				
6768	8118	1350	SS, Sh				
8118	8420	302	Sh, LS, SS				
8420	8500	80	LS, Sh				

YATES PETROLEUM CORPORATION

MARY AIV STATE #3, LG 9280
660' FNL, 1980' FEL, Sec. 36-T21S-R31E
Eddy County, NM

RECEIVED

JUL 10 1991

O. C. D.
ARTESIA, OFFICE

DRILL STEM TESTS

DST #1 6981-7050' CHERRY CANYON: TIMES: 5", 60", 60", 120", 60". RECOVERY: 180' (1.7 bbls) oil. API Gravity 38 @ 60° + 720' (3.8 bbls) gas cut mud and formation water. Top Sample 46000 Chl, Bottom 165000 Chl. Sampler: 1.57 cfg, 200 cc oil + 750 cc formation water (Chl 157,000) @ 340 psi. Pit Mud = 52,000 Chl. BHT: 112 deg. PRESSURES: IHP 3356, IFP 125-125, ISIP 2239, 2nd FP 188-288, 2nd SI 2751, 3rd FP 275-388, FHP 3361.

DST #2 7073-7160' BRUSHY CANYON: TIMES: 5", 60", 60", 120", 60". RECOVERY: 180' gas cut mud with trace of oil (35,000 Chl). SAMPLER: 1.65 cfg, 650 cc mud, (35,000 Chl) at 175 psi. Pit mud = 32,000 Chl. BHT: 115°. PRESSURES: IHP 3343, IFP 92-92, ISIP 3018, 2nd FP 92-92, 2nd SI 1264, 3rd FP 129-154, FHP 3343.

DST #3 7327-7398' BRUSHY CANYON: TIMES: 5", 60", 60", 120" 120". RECOVERY: 100' drilling mud with trace of oil (68,000 Chl) SAMPLER: 300 cc mud (66,000 Chl) at 85 psi. Pit mud - 66,000 Chl. BHT: 120°F. PRESSURES: IHP 3628, IFP 63-82, ISIP 2765, 2nd FP 83-101, 2nd SI 2765, 3rd FP 101-129, FHP 3628.

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87508

JUL 08 1991

WELL API NO.

30-015-26729

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

LG 9280

7. Lease Name or Unit Agreement Name

Mary AIV State

8. Well No.

3

9. Pool name or Wildcat

Wildcat Delaware

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. Name of Operator

YATES PETROLEUM CORPORATION

3. Address of Operator

105 South 4th St., Artesia, NM 88210

4. Well Location

Unit Letter B : 660 Feet From The North Line and 1980 Feet From The East Line

Section 36

Township 21S

Range 31E

NMPM

Eddy

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3612.5' GR

11.

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Perforate, Treat ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-19-91. Perforated 7103-7140' w/10 - .50" holes (2 SPF) as follows: 7103, 06, 08, 38 and 7140'. Treated perms 7103-7140' w/1000 gal 7½% NEFE acid. Frac perms 7103-40' w/7500 gal 40# X-link gel + 22500# 20/40 sand.
6-21-91. Perforated 7013-7035' w/16 - .50" holes (2 SPF) as follows: 7013, 17, 18, 28, 32, 33, 34 and 7035'. Treated perms 7013-7035' w/1000 gal 7½% NEFE acid. Frac perms 7013-35' w/7500 gal 40# X-link gel + 22500# 20/40 sand.
6-23-91. Turn over to production to hang well on pump.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE Production Supervisor

DATE 7-5-91

TYPE OR PRINT NAME

Juanita Goodlett

TELEPHONE NO. 505/748-1471

(This space for State Use)

ORIGINAL SIGNED BY

MIKE WILLIAMS

SUPERVISOR, DISTRICT II

APPROVED BY

TITLE

DATE

JUL 23 1991

CONDITIONS OF APPROVAL, IF ANY: