

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

Form C-105
Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-015-30828

5. Indicate Type Of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

YATES FEDERAL

8. Well No.

18

9. Pool name or Wildcat

BURTON FLATS MORROW

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. Type of Completion:

☐ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P.O. Box 552, Midland, TX 79702

4. Well Location

Unit Letter N : 660 Feet From The SOUTH Line and 1980 Feet From The WEST Line

Section 18

Township 20-S

Range 29-E

NMPM

EDDY

County

10. Date Spudded

11/13/99

11. Date T.D. Reached

12/6/99

12. Date Compl. (Ready to Prod.)

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

3265' - KB

14. Elev. Casinghead

3251'

15. Total Depth

11,800'

16. Plug Back T.D.

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

XXX

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

NONE

20. Was Directional Survey Made

NO

21. Type Electric and Other Logs Run

PFE/HALS/NGT

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"	94#	375'	26" ⁷⁰ 750	1000 SX "C". CIRC. 25 SX	-0-
13 3/8"	54.5#	1245'	17 1/2"	1350 SX "C". CIRC 431 SX	-0-
9 5/8"	36#	3229'	12.25"	1250 SX "C". CIRC 452 SX	-0-

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. **TUBING RECORD**

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)

27. **ACID, SHOT, FRACTURE, CEMENT, SOEEZE, ETC.**

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

PRODUCTION

28. Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	

30. List Attachments

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

Walter J. Longmire

Printed Name

R. J. LONGMIRE

Title

DRLG SUPERINTENDEN

Date 1/17/00

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

T. Anhy _____	T. Canyon _____ -0-
T. Salt _____ 440	T. Strawn _____ 10303
B. Salt _____ 762	T. Atoka _____ 10630
T. Yates _____	T. Miss _____
T. 7 Rivers _____ 962	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____ 3118
T. Drinkard _____	T. Bone Springs _____ 5650
T. Abo _____	T. _____ MORROW 11204
T. Wolfcamp _____ 9140	T. _____ L MORROW 11532
T. Penn _____ 9987	T. _____
T. Cisco (Bough C) _____	T. _____

Northeastern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	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
440	762	332	SALT & ANHYDRITE	10668	11430	762	SHALE & LIMESTONE
762	962	200	SHALE & LIMESTONE	11430	11800	370	SHALE & SANDSTONE
962	3118	2156	LIMESTONE				
3118	5650	2532	SANDSTONE & SHALE				
5650	5930	280	LIMESTONE & SHALE				
5930	6058	128	SHALE				
6058	6912	854	LIMESTONE				
6912	7092	180	SHALE & LIMESTONE				
7092	7510	418	LIMESTONE				
5410	7886	376	SANDSTONE				
7886	8710	824	LIMESTONE				
8710	9307	597	SANDSTONE & SHALE				
9307	9390	83	LIMESTONE				
9390	10300	910	SHALE				
10300	10668	368	LIMESTONE & SHALE				