

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

District I
1625 N. French, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.

30-025-37754

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

A-2614

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 _____

7. Lease Name or Unit Agreement Name

McDonald State A/C 1-15

2. Name of Operator

Marathon Oil Company

8. Well No.

1

3. Address of Operator

P.O. Box 3487 Houston, TX 77253-3487

9. Pool name or Wildcat

Wildcat Grayburg

4. Well Location

Unit Letter F : 1650 Feet From The North Line and 1650 Feet From The West Line

Section 15

Township 22-S

Range 36-E

NMPM

Lea

County

10. Date Spudded

04/07/2006

11. Date T.D. Reached

04/17/2006

12. Date Compl. (Ready to Prod.)

08/02/2006

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

3543 GR

14. Elev. Casinghead

15. Total Depth

5671

16. Plug Back T.D.

4397'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

All

Cable Tools

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

3964' - 4223' Grayburg

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Dual Laterolog, Spectral Density, Cement Bond log

22. Was Well Cored

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	1244'	12 1/4"	780 sks	
5 1/2"	15.5 #	5664'	7 7/8"	1680 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	3922'	TAC 3797'

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

3964' - 66', 4029' - 31', 4128' - 30', 4221' - 23'
.0380 diameter
32 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3964' - 4223'	840 gals 7 1/2% NEFE Acid
3964' - 4223'	2100 gals 15% HCL Acid
3964' - 4223'	234,000 lbs sand 3051 bbls gel & w

28. PRODUCTION

Date First Production 08/03/2006		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Active	
Date of Test 08/07/2006	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 14	Water - Bbl. 486	Gas - Oil Ratio N/A	
Flow Tubing Press. 95	Casing Pressure 55	Calculated 24- Hour Rate	Oil - Bbl. 0	Gas - MCF 14	Water - Bbl. 486	Oil Gravity - API (Corr.) N/A		

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Kevin Silco

30. List Attachments

Dual Laterolog, Spectral Density, Radial Analysis (CBL), Inclination Survey, Wellbore diagra

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 Charles E. Kendrick

Printed Name

Charles E. Kendrick

Title Reg. Compliance Rep Date 08/09/2006

E-mail address cekendrix@marathonoil.com

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		Northeastern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3208	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3672	T. Devonian	T. Menefee	T. Madison
T. Queen 3776	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 3888	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4314	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock 5416	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp		T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____

No. 3, 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