

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

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

WELL API NO.

30-025-31268

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

A-02614

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 3487 Houston, TX 77253-3487

8. Well No.

1

9. Pool name or Wildcat

Wildcat Grayburg

4. Well Location

Unit Letter J : 2480 Feet From The South Line and 1660 Feet From The East Line

Section 16 Township 22-S Range 36-E NMPM Lea County

10. Date Spudded

06/21/1991

11. Date T.D. Reached

06/30/1991

12. Date Compl. (Ready to Prod.)

11/30/2005

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

3552'

14. Elev. Casinghead

15. Total Depth

4696'

16. Plug Back T.D.

4060'

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

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

3889'-3993' Grayburg

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

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
9 5/8"	32.3 & 36 #	453'	12 1/4"	400 sks (circ. to surface)	
7"	23#	4696	8 3/4"	1500 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	3867'	3738' TAC

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

3889-90, 3909-10, 17-18, 26-29, 34-35, 46-49, 60-61, 67-68, 87-88, 92-93. Total of 24 holes 0.380 diameter

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3889'-3993'	4000 gals 7 1/2% HCL acid

28. PRODUCTION

Date First Production 12/01/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Active	
Date of Test 12/01/2005	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 3	Gas - MCF 18	Water - Bbl. 409	Gas - Oil Ratio 6000
Flow Tubing Press. 250	Casing Pressure 50	Calculated 24-Hour Rate	Oil - Bbl. 3	Gas - MCF 18	Water - Bbl. 409	Oil Gravity - API -(Corr.) 30.0	

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

Sold

Test Witnessed By

Kevin Silco

30. List Attachments

Wellbore Diagram

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. Kendrix

Printed Name

Charles E. Kendrix

Title

Engineering Tech

Date 03/15/2006

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	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	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. Permian	T.
T. Cisco (Bough C)	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

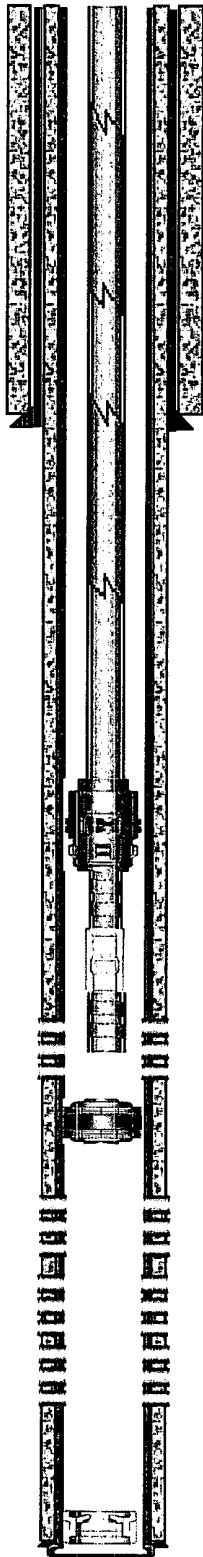


McDonald State A/C 1 - 16 No. 1
Re-completion to Grayburg

Elev Gr 3552'

Marathon Oil Company
McDonald State A/C 1 -16 No. 1
UL"J", Sec 16, T-22-S, R-36-E
15-Mar-06

This well was the old McDonald State AC1 No 1 WS
(water source well)



Surface Casing
9 5/8" 32 & 36 #, K-55 set @ 453' w/ 400 sks cmt.

Tubing Anchor @ 3738'

Seating Nipple @ 3835'

Bottom of tubing @ 3867'

CIBP @ 4060'

San Andres Perfs f/ 4078' to 4491'

PBTD 4105 float collar

Production Casing
7" 23# Set @ 4696' Cmted w/ 1500 sks



Grayburg Perfs 3889' to 3993'
24 holes

TD @ 4700

Well Name & Number:	McDonald State A/C 1 - 16 No. 1		Lease	McDonald State A/C 1 (A-02614)	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	3889-3993		(TVD)	4700'	
Date Completed:	11/30/05				RKB:
Prepared By:	Charles Kendrix		Last Revision Date:	03/15/06	