

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.

30-025-37027

5. Indicate Type Of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

4. Well Location

Unit Letter J : 1800 Feet From The South Line and 1500 Feet From The East Line

Section 20

Township 21-S

Range 37-E

NMPM

Lea

County

10. Date Spudded

05/26/2005

11. Date T.D. Reached

06/03/2005

12. Date Compl. (Ready to Prod.)

06/20/2005

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

3491 GL

14. Elev. Casinghead

15. Total Depth

4150

16. Plug Back T.D.

4062

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

3708' to 3950' Grayburg

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Spectral Density Dual Spaced Neutron Spectral Gamma Ray, Dual Laterlog

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 #	407'	12 1/4"	260 sks Circ to surface	
5 1/2"	17 #	4150'	7 7/8"	1375 sks circ to surface	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	3674'	TAC 3550'

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

3708'-10', 3724'-26', 3735'-40', 3774'-78', 3850'-52',
3882'-85', 3891'-94', 3925'-27', 3934'-38', 3940'-42',
3944'-50'. .380 Diameter 70 shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3708'- 3950'	500 gals 15% HCL acid/spotted perf
3708'- 3950'	100 bbls 7 1/2% HCL acid
3708'- 3950'	156,940 lbs Premium 20/40 sand

28. PRODUCTION

Date First Production 06/20/2005		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Active	
Date of Test 06/29/2005	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 40	Gas - MCF 145	Water - Bbl. 302	Gas - Oil Ratio 3625
Flow Tubing Press. 53	Casing Pressure 53	Calculated 24- Hour Rate	Oil - Bbl. 40	Gas - MCF 145	Water - Bbl. 302	Oil Gravity - API -(Corr.) 37.6	

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

Sold

Test Witnessed By

Kevin Silco

30. List Attachments

Logs, Inclination Survey, 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. Kendrick Printed Name Charles E. Kendrick Title Engineering Tech Date 07/19/2005
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 2637'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 2873'	T. Devonian	T. Menefee	T. Madison
T. Queen 3396'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 3671'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3958'	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. 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



Production Casing
5 1/2" 17# Set @ 4150' Cmt'd w/ 1375 sks
Cement to surface on production casing

Well Name & Number:	Dayton Hardy No. 5		Lease	Dayton Hardy		
County or Parish:	Lea	State/Prov.	New Mexico		Country:	USA
Perforations: (MD)	3708' to 3950'		(TVD)	4150'		
Date Completed:	06/20/05				RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	07/19/05		