

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.

30-025-25568

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 **DEC**

2. Name of Operator

Marathon Oil Company

3. Address of Operator

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

7. Lease Name or Unit Agreement Name

Lou Worthan

8. Well No.

18

9. Pool name or Wildcat

Wantz Abo (62700)

4. Well Location

Unit Letter **H** : **1905** Feet From The **North** Line and **860** Feet From The **East** Line

Section **11** Township **22-S** Range **37-E** NMPM **Lea** County

10. Date Spudded

06/26/1977

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.)

05/17/2004

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

GL 3355'

14. Elev. Casinghead

15. Total Depth

7700'

16. Plug Back T.D.

7501'

17. If Multiple Compl. How Many Zones?

3

18. Intervals Drilled By

Rotary Tools

Cable Tools

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

6511' to 6966' 6962 per CK

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

Logs ran on original completion, casing collar locator ran to perf.

22. Was Well Cored

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT RULLED
9 5/8"	32#	1250'	12 1/4"	500 sks	
7"	23# & 26#	7549'	8 3/4"	2275 sks	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	7376'	N/A

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

6511' to 6962' 311T w/ 23 gram charges Total Shots 544
Please see attachment for interval details.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6902' - 6962'	2000 gals 17% HCL Acid
6666' - 6866'	7500 gals 17% HCL Acid
6511' - 6602'	4000 gals 17% HCL Acid

28. PRODUCTION

Date First Production 005/17/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Producing	
Date of Test 05/25/2004	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 7.8	Gas - MCF 83	Water - Bbl. 2.3	Gas - Oil Ratio 10641
Flow Tubing Press. 18	Casing Pressure 18	Calculated 24-Hour Rate	Oil - Bbl. 7.8	Gas - MCF 83	Water - Bbl. 2.3	Oil Gravity - API -(Corr.) 35.8	

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

Sold

Test Witnessed By

Kevin Silco

30. List Attachments

Perforation Detail

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 **10/05/2004**

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. Salt	1102'	T. Strawn	T. Kirtland-Fruitland
B. Salt	2405'	T. Atoka	T. Pictured Cliffs
T. Yates		T. Miss	T. Cliff House
T. 7 Rivers		T. Devonian	T. Menefee
T. Queen		T. Silurian	T. Point Lookout
T. Grayburg		T. Montoya	T. Mancos
T. San Andres		T. Simpson	T. Gallup
T. Glorieta	4963'	T. McKee	Base Greenhorn
T. Paddock		T. Ellenburger	T. Dakota
T. Blinebry		T. Gr. Wash	7028'
T. Tubb		T. Delaware Sand	T. Morrison
T. Drinkard	6246'	T. Bone Springs	T. Todilto
T. Abo	6526'	T.	T. Entrada
T. Wolfcamp			T. Wingate
T. Penn		T.	T. Chinle
T. Cisco (Bough C)		T.	T. Permian
			T. Penn "A"
			T.

OIL OR GAS SANDS OR ZONES

No. 1, from 5947' to 6062'
No. 2, from 7038' to 7403'

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
12	600	588	Redbed				
600	970	370	Redbed and Anhydrite				
970	1102	132	Anhydrite				
1102	2405	1303	Anhydrite and Salt				
2405	4801	2398	Lime and Anhydrite				
4801	7028	2227	Dolomite and Anhydrite				
7028	7552	524	Granite Wash				