

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.

30-025-06825

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 Add a Zone

2. Name of Operator

Marathon Oil Company

3. Address of Operator

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

4. Well Location

Unit Letter **L** : **2310** Feet From The **South** Line and **400** Feet From The **West** Line

Section **27** Township **21-S** Range **37-E** NMPM **Lea** County

10. Date Spudded

04/12/1950

11. Date T.D. Reached

1950

12. Date Compl. (Ready to Prod.)

11/19/2004

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

3420'

14. Elev. Casinghead

15. Total Depth

7475'

16. Plug Back T.D.

5570'

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

Penrose Skelly Grayburg 3715'- 3890'

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

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 PULLED
13 3/8"		308'		300	
8 5/8"		2800'		1200	
5 1/2"	17#	7474'		1000	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	3711	

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

3715'-3890' 4 SPF 196 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3715'- 3890'	Acidize w/ 3842 Gals 15 % HCL
3715'- 3890'	Sand Frac w/ 1520 bbls Gel

28. PRODUCTION

Date First Production 11/20/2004	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Producing	
Date of Test 11/30/2004	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 65	Gas - MCF 144	Water - Bbl. 387	Gas - Oil Ratio 2215
Flow Tubing Press. 22	Casing Pressure 22	Calculated 24-Hour Rate	Oil - Bbl. 65	Gas - MCF 144	Water - Bbl. 387	Oil Gravity - API (Corr.)	

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

Sold

Test Witnessed By

Kevin Silco

30. List Attachments

Well Diagram, Perforation Details

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

E-mail address *cekendrix@marathonoil.com*

Charles E. Kendrick

Title **Engineering Tech** Date **02/24/2005**

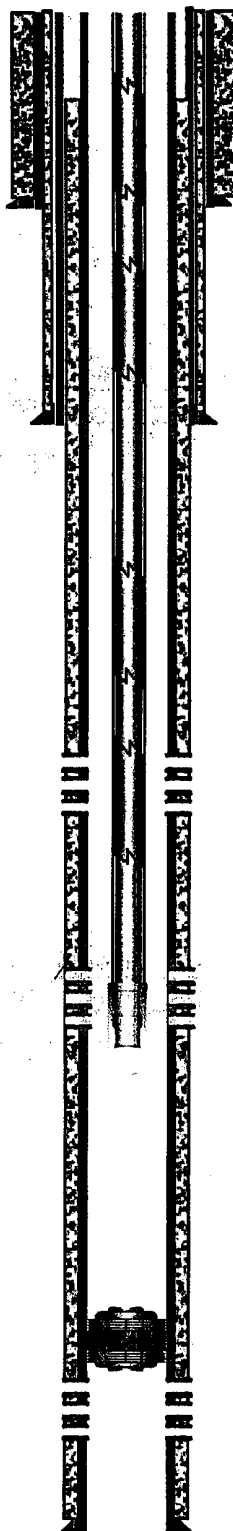
W.S. Marshall B No. 8

Top Collar	Interval	Top of Interval	Bottom of Interval	Shots / Ft.	Shot Diameter	Charge Size	Phasing
3,743.00	6	3,746.00	3,752.00	4	0.41	3.125	90°
3,873.00	4	3,876.00	3,880.00	4	0.41	3.125	90°
3,873.00	4	3,886.00	3,890.00	4	0.41	3.125	90°
3,819.00	8	3,822.00	3,830.00	4	0.41	3.125	90°
3,819.00	8	3,832.00	3,840.00	4	0.41	3.125	90°
3,763.00	4	3,766.00	3,770.00	4	0.41	3.125	90°
3,763.00	6	3,784.00	3,790.00	4	0.41	3.125	90°
3,712.00	5	3,715.00	3,720.00	4	0.41	3.125	90°
3,712.00	4	3,730.00	3,734.00	4	0.41	3.125	90°



W.S. Marshall before recompletion to Grayburg

Marathon Oil Company
W.S. Marshall B No. 8
5-Oct-04



Top of cement on production casing ~ 200'

Surface Casing
13 3/8" set @ 308' Cmt'd w/ 300 sks

Intermediate Casing
8 5/8" set @ 2,800' Cmt'd w/ 1200 sks

Squeezed Paddock Perfs 5148' 5158'

Blinebry perfs 5,628' - 5,920'
Seating Nipple @ ~ 5971'

CIBP set @ 7209'

Simpson Perfs 7400' - 7445'

Production Casing
5 1/2" 17# Set @ 7,474' Cmt'd w/ 1000 sks

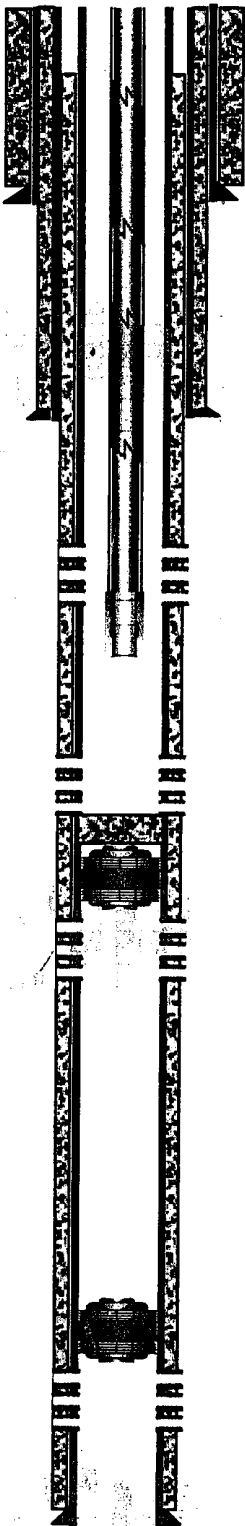
TD @ 7474'

Well Name & Number:	W.S. Marshall B No. 8		Lease	W.S. Marshall B	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	See Above for detail		(TVD)	7474'	
Date Completed:				RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	10/05/04	



W.S. Marshall after recompletion to Grayburg

Marathon Oil Company
W.S. Marshall B No. 8
5-Oct-04



Top of cement on Production casing @ ~ 200'

Surface Casing
13 3/8" set @ 308' Cmted w/ 300 sks

Intermediate Casing
8 5/8" set @ 2,800' Cmted w/ 1200 sks

Penrose Skelly Grayburg perfs 3500' - 3850'
3715-3890

Squeezed Paddock Perfs 5148' 5158'

CIBP @ 5580' w/ 20 ft cement

Blinbry perfs 5,628' - 5,920'

CIBP set @ 7209'

Hare Simpson Perfs 7400' - 7445'

Production Casing
5 1/2" 17# Set @ 7,474' Cmted w/ 1000 sks

TD @ 7475'

	W.S. Marshall B No. 8		Lease	W.S. Marshall B	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	See Above for detail		(TVD)	7474'	
Date Completed:				RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	10/05/04	