

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
1301 W. Grand Ave., 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-103  
May 27, 2004

*Amended*

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	WELL API NO. 30-025-37556
2. Name of Operator Marathon Oil Company	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>F</u> : <u>1830</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>West</u> line Section <u>1</u> Township <u>22-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>	7. Lease Name or Unit Agreement Name: Walter Lynch
	8. Well Number 12
	9. OGRID Number 14021
	10. Pool name or Wildcat Wildcat Queen (97559)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3353' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
<b>NOTICE OF INTENTION TO:</b>	<b>SUBSEQUENT REPORT OF:</b>
PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: <input type="checkbox"/>	OTHER: Cement Squeeze Grayburg Add Perfs to Queen <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Company has completed operations to cement squeeze the Grayburg formation and put this well back on production as a Queen producer. This C-103 is an amended report for the earlier C-103 dated 05/10/2007. Please see the attachment for details of well work completed.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Charles E. Kendrix TITLE Reg Compliance Rep DATE 10/18/2007  
E-mail address: cekendrix@marathonoil.com  
Type or print name Charles E. Kendrix Telephone No. 713-296-2096

For State Use Only

OCD DISTRICT SUPERVISOR/GENERAL MANAGER

APPROVED BY Chris Williams TITLE \_\_\_\_\_ DATE 06 OCT 18 2007

Conditions of Approval, if any:

**Walter Lynch No 12**  
**Cement Squeeze Grayburg, Add perfs and Return**  
**Queen Formation to Production**

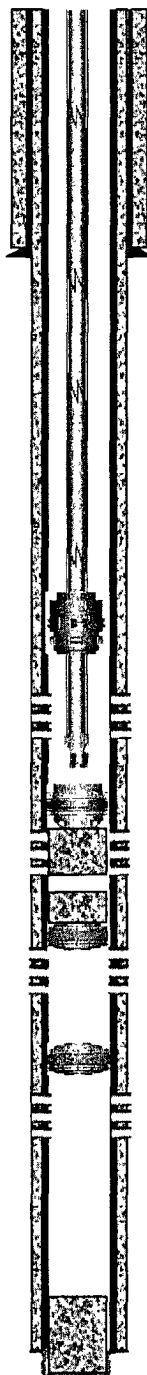
- 08/28/2006 Set cement retainer at 3740'. Pumped 75 sacks Class C neat cement displaced w/ 16 bbls water to squeeze Grayburg formation.
- 08/30/2006 Added additional perforations to the Queen wildcat interval @ 3676' to 3682'. 24 additional holes added for a total of 29 perforations.
- 09/05/2006 Pumped 2000 gals 7 ½% HCL acid. Pumped sand frac 880 bbls w/ 68,236 lbs Premium Brown 20/40 sand w/ Expedite flowback control additive.
- 09/07/2006 RIH w/ 2 7/8" J-55 tbg sub, seating nipple, and special alloy joint, 4 joints 2 7/8" tubing, 5 ½" tubing anchor, and 114 joints 2 7/8" J-55 tubing. Set tubing anchor @ 3554', SN @ 3712', and bottom of tubing @ 3718'. PBTD = Cement Retainer @ 3740'. Hung off tubing w/ 12 pts on TAC. RIH w/ rod insert pump and rods. Put well on production to facility.



# Walter Lynch No. 12 Perose Skelly Grayburg / Queen Completion

Marathon Oil Company  
Walter Lynch No 12  
7-Sep-07

GL 3353'  
UL F, Sec 1, T-22-S, R-37-E  
1983' FNL & 1980' FWL



Surface Casing  
8 5/8" 24# set @ 435' cmtd w/ 280 sks  
Top of cmt @ surface

Tubing Anchor @ 3554'

Seating Nipple @ 3712'  
BOT @ 3718'

Queen Perforations 3676'-3682' (29 holes)

Cement Retainer @ 3740'

Squeezed Grayburg Perforations 3829'-3901' (17 holes)

CIBP @ 3971' w/ 20' cmt on top. (PBTD @ 3951')

Upper San Andres Perforations 3978'-4081'

CIBP @ 4204'

Lower San Andres Perforations 4206' - 4304'

TD @ 4626'

Production Casing  
5 1/2" 15.5# J-55 LT&C set @ 4613' Cmtd w/ 1182 sks

Well Name & Number	Walter Lynch No. 12		Lease	Walter Lynch	
County or Parish	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	3676' - 3682'		(TVD)	4626'	
Date Completed	N/A				RKB
Prepared By	Charles Kendrix		Last Revision Date	09/07/07	