

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

Form C-103  
March 4, 2004

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

<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.)		WELL API NO. <u>30.025.25644</u>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <u>Downhole Commingle</u>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <u>Marathon Oil Company</u>		6. State Oil & Gas Lease No.
3. Address of Operator <u>P.O. Box 3487, Houston Texas 77253-3487</u>		7. Lease Name or Unit Agreement Name: <u>Walter Lynch</u>
4. Well Location Unit Letter <u>E</u> : <u>1980'</u> feet from the <u>North</u> line and <u>760'</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>		8. Well Number <u>8</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>GR 3356'</u>		9. OGRID Number <u>14021</u>
		10. Pool name or Wildcat <u>Blinberry/Brunson Drk Abo S./Wantz GW</u>

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit location: UL \_\_\_\_\_ Sect \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_ Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_  
Distance from nearest surface water \_\_\_\_\_ Below-grade Tank Location UL \_\_\_\_\_ Sect \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
\_\_\_\_\_ feet from the \_\_\_\_\_ line and \_\_\_\_\_ feet from the \_\_\_\_\_ line

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data  
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <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: <u>Downhole Commingle</u> <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 has completed work to downhole commingle the Walter Lynch No. 8 as approved by NMCD on DHC Order No. HOB-0069.

Please see attachments for a detailed description of well work performed and a new diagram of the wellbore.

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 NMCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Charles E. Kendrick TITLE Engineering Technician DATE 07/12/2004  
Type or print name Charles E. Kendrick E-mail address: cekendrix@MarathonOil.com  
Telephone No. 713-296-2096

(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE OCT 25 2004  
Conditions of approval, if any:

## **Walter Lynch No. 8 Downhole Commingle Well Work**

03/18/2004 Rigged up Pulling Unit. POOH w/ 99 rods. Bad Paraffin problem. RIH w/ rods and hot water and chemical treat well. POOH w/ rods and pump. Install BOP. SI

03/19/2004 POOH w/ 2 3/8" production tubing. RIH w/ 6 1/8" junk mill, drill collars, Jars, and 2 7/8" workstring. SI

03/20/2004 PU remaining 2 7/8" workstring and tag fill @ 6900'. Tried to circulate well. Would not circ. PUH to 5000' and tried to circ. Would not circ. SI

03/22/2004 RIH to 6910' RU swivel and drill f/ 6910' to 7126'. Drilled out CIBP @ 7100'. RIH tag fill @ 7406'. Drill out fill from 7406' to 7437'. Pick up above perms. SI

03/23/2004 RIH tag @ 7281' (above previous days drill out depth of 7437'. Rig up swivel and circ to un-stick mill. RIH tag @ 7437' drilled to 7490'. Pull up hole to 6354' SI.

03/24/2004 RIH tag @ 7490'. Drill f/ 7490' to 7505'. Mill stuck @ 7505'. Run free point and back off Drill collar @ 7438'. PUH and SI.

03/25/2004 POOH w/ workstring and BHA. Run in hole with jars, bumper sub, and drill collars. Jar mill free. POOH w/ tubing BHA and mill. RIH w/ killstring. SI

03/26/2004 POOH w/ killstring. PU Perforators. Test Lubricator. Perforate f/ 6305' to 7058' w/ 3 1/8" slick gun w/ 311T 23 gram charges w/ 4 spf 90 degree phasing in 8 runs. RD Perforators. RIH w/ killstring. SI

03/27/2004 RIH w/ packer and RBP. Set RBP @ 7130' PUH set packer @ 7091'. Load and test packer. Release packer and PUH above perforations. SI

03/29/2004 RIH w/ packer. Set packer @ 6388'. RU Haliburton Acid. Acidize Wantz Granite Wash interval 6430' to 7058' using 3000 gals 15% HCL acid. Dropped 215 ball sealers. Balled out and serged balls off. Pumped remaining acid and displaced with 50 bbls fresh water. RIH retrieve RBP. PUH w/ RBP w/ ball catcher and packer. Set RBP @ 6397' PUH w/ packer to 6378' test RBP and packer to 1000 psi. Released packer and PUH to 5758' and set packer. RU Haliburton acidize Drinkard interval f/ 6305' to 6355' using 4000 gals 15% HCL acid. Dropped 335 ball sealers. No ball action, displaced w/ 50 bbls fresh water. Retrieve RBP and POOH layed down workstring. Total load to recover 365 bbls. RIH w/ killstring. SI

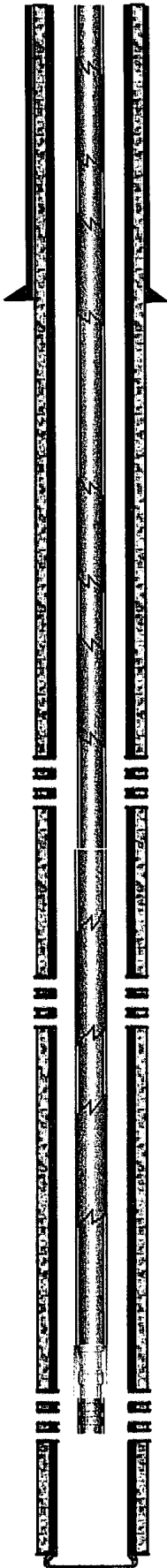
03/30/2004 POOH w/ killstring. RIH w/ mud joint, seating nipple, ceramic tubing joint, and 237 joints 2 3/8" production tubing. Install well head. Seating nipple @ 7421', bottom of mud joint @ 7451'. SI

03/31/2004 RIH w/ rods and pump. Hang well on. Load and test tubing and pump action. Turn well to production.

Well produced sporadically through out April due to rod pump problems.



Marathon Oil Company  
Walter Lynch No. 8  
12-Jul-04



Surface Casing  
9 5/8" set @ 1246' cmted w/ 600 sks

Blinebry perms 5455' - 5940'

Brunson Drinkard Abo S. Perfs 6305' - 7058'

Seating Nipple @ 7421'  
Bottom of Tubing @ 7451'

Wantz Granite Wash perfs 7175' - 7518'

Production Casing  
7" 23# & 26# K-55 & N-80 set @ 7549' Cmted w/  
2300 sks

Well Name & Number:	Walter Lynch No. 8		Lease	Walter Lynch		
County or Parish:	Lea	State/Prov.	New Mexico		Country:	USA
Perforations: (MD)			(TVD)	7550'		
Date Completed:	07/12/04				RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:			