

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

WELL API NO. 30-025-09950
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Walter Lynch
8. Well Number 5
9. OGRID Number 14021
10. Pool name or Wildcat Multiple

SUNDRY NOTICES AND REPORTS ON WELLS
(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 type="checkbox"/> Gas Well <input type="checkbox"/> Other Downhole Commingle	7. Lease Name or Unit Agreement Name: Walter Lynch
2. Name of Operator Marathon Oil Company	8. Well Number 5
3. Address of Operator P.O. Box 3487, Houston Texas 77253-3487	9. OGRID Number 14021
4. Well Location Unit Letter C : 660 feet from the North line and 1980 feet from the West line Section 1 Township 22-S Range 37-E NMPM County Lea	10. Pool name or Wildcat Multiple
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR 3350'	

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:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: **Downhole Commingle** ☒

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. 5 as authorized by the NMOC under DHC Order No. 0064. Marathon was unable to include all pre-approved reservoirs in this well due to problems encountered in attempting to drill out the CIBP, which isolated the Wantz Granite Wash zone. We ask that the commingle order be modified to reflect this change of plans. The Brunson Drinkard Abo, South 07990 and the Blinebry 06660 were commingled, and we ask that production be reassigned in the following percentages:

	OIL	WATER	GAS
Blinebry	50%	50%	33%
Brunson Drinkard Abo, South	50%	50%	67%

Please see attachment for details

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

SIGNATURE Charles E. Kendrick TITLE Engineering Technician DATE 06/15/2004
E-mail address: cekendrix@MarathonOil.com
Type or print name Charles E. Kendrick PETROLEUM ENGINEER Telephone No. 713-296-2096

(This space for State use)

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE SEP 22 2004
Conditions of approval, if any:

**Walter Lynch No. 5 Downhole Commingle
Blinebry 06660 – Brunson Drinkard Abo South 07900
Well work detail**

- 02/23/2004 POOH w/ rods and pump. POOH w/ 2 3/8" production tubing and tubing anchor. Start in hole w/ shoe, bumper sub, DC, and 2 7/8" L-80 workstring.
- 02/25/2004 Cont. in hole w/ workstring. Tag fill @ 6168' circ hole, clean out fill. Tagged CIBP @ 6253'. Drilled out CIBP to 6255'. Pushed down to liner @ 6350. Pull up hole. Mill hung up on junk and CIBP at top of liner. Would come up hole but not down.
- 02/26/2004 POOH w/ Mill and BHA. Change out 4 1/2 mill. RIH tagged CIBP and junk at top of liner. Drill out remaining CIBP and junk. Pull up hole SI.
- 02/27/2004 POOH w/ Mill and BHA. RIH w/ 3 1/8" Cone Buster Mill, 2 jts 2 3/8" tubing on 202 jts 2 7/8" workstring. Milled over trash on top of liner. Dropped into liner to 6395'. PUH SI
- 03/01/2004 POOH w/ tubing, collars, and mill. Single stack BOPE w/ 2 1/16" pipe rams and change out BHA. RIH w/ 3 1/16" Cone Buster Mill, 42 jts 2 1/16" work string, 2 7/8" workstring. Tagged liner at 6353' ran in liner tagged fill @ 6423. Drill and circ to 6485'. Pull up hole and SI.
- 03/01/2004 RIH w/ bit and BHA. Tagged at 7110' Drill out 7110' to 7125'. Circ hole clean. POOH w/ workstring and bit. RIH w/ killstring and SI.
- 03/03/2004 POOH w/ kill string. RIH w/ 3 1/16" shoe, jars, 42 jts 2 1/16", 2 7/8" workstring. Tagged @ 7125' drilled out to 7129'. POOH w/ workstring, BHA, and mill shoe. Wear on top bushing inside shoe as if milling over sinker bar. RIH w/ kill string. SI
- 03/04/2004 POOH w/ kill string. RIH w/ 3 1/16" shoe, Wash Pipe, jars, 42 jts 2 1/16" tubing, and 2 7/8" workstring. Tagged @ 7129' drill to 7137'. Stopped making hole. Pull up hole. SI.
- 03/05/2004 POOH w/ Tubing and BHA. Found 1 13/16" jars parted. Layed down 2 1/16" tubing. RIH w/ overshot, 2 3/8" tubing, jars, and 2 7/8" workstring. POOH w/ Tubing, jars, overshot w/ parted jars, wash pipe and shoe. RIH w/ kill string and SI
- 03/06/2004 POOH w/ kill string. RIH w/ Overshot w 1" grapple, 2 3/8" tubing, jars, and workstring. Caught fish. POOH w/ tubing, jars, overshot w/ 1" X 6' sinker bar w/ 5/8" coupling. RIH w/ kill string. SI.
- 03/08/2004 POOH w/ kill string. RIH w/ 3 1/16" shoe, wash pipe, jars, 42 jts 2 1/16" tubing, and 2 7/8" workstring. Tagged @ 7137'. Drill out to 7255' stopped making hole. POOH w/ tubing and BHA. RIH w/ kill string. SI.
- 03/09/2004 POOH w/ kill string. RIH w/ 3 1/8" cone buster mill, bumper sub, 42 jts 2 1/16" tubing, and 2 7/8" workstring. Tag @ 7255' drill out to 7300'. PUH above liner. SI.
- 03/10/2004 POOH w/ BHA and bit. RIH w/ Overshot w 2 3/8" grapple, 2 1/16" tubing, and workstring. Tripped no fish. Left hanging above liner. SI
- 03/11/2004 POOH w/ tubing. SI to windy.

03/12/2004 POOH w/ tubing. Lay down 2 1/16" tubing. RIH w/ 3 1/8" overshot w/ 2 3/8" grapple, 42 jts 2 3/8" tubing, jars, and 2 7/8" workstring. Attempted to catch fish @ 7300'. POOH w/ all and no fish. Junk left in hole is 3 1/8" OD X 1" ID X 0.61' Cone Buster Mill w/ 2 3/8" OD X 3/4" ID X 0.60' tubing. @ 7300' on top of CIBP over Granite Wash. Perfs. RIH w/ killstring. SI

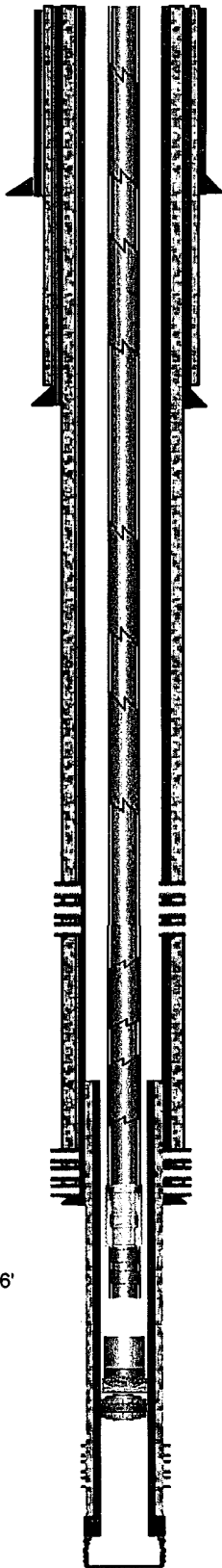
03/15/2004 POOH lay down 2 7/8" workstring, and BHA. RIH w/ 2 3/8" kill string.

03/16/2004 RIH w/ 187 jt 2 3/8" tubing, change over, 21 jts 2 3/8" flush joint tubing, 2 3/8" Flush joint 1.78' seating nipple, and 2 3/8" flush joint orange peel mud joint. Bottom mud joint @ 6476'. Seating nipple @ 6506'.

03/17/2004 RIH w/ Pump and rods started well to pumping.



Marathon Oil Company
Walter Lynch No 5 DHC
1-Mar-04



Surface Casing
13 3/8" 48# set @ 300' Cmt'd w/ 250 sks

Intermediate Casing
8 5/8" 32# H-40 set @ 2800' Cmt'd w/ 1500 sks

Blinbry Perfs @ 5434' - 5850'

4" Liner Cmt'd w/ 80 sks @ 6350

Upper Drinkard Perfs 6348' - 6440'
5 1/2" 17# production casing @ 6440'

Seating Nipple @ 6506'
End of Mud anchor @ 6476'

3 1/8" Mill @ 7299'
CIBP @ 7300'

Granite Wash perfs 74004' - 7502'

Bottom of 4" liner @ 7571'
TD @ 7574'

Well Name & Number:	Walter Lynch No. 5 DHC		Lease	Walter Lynch	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	5434'-5850' / 6348'-6440'		(TVD)	7574'	
Date Completed:	03/18/04				RKB:
Prepared By:	Charles Kendrix	Last Revision Date:		06/18/04	