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

WELL API NO. 30-025-37070

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name: William Turner

1. Type of Well: Oil Well ☒ Gas Well ☐ Other

8. Well Number 5

2. Name of Operator: Marathon Oil Company

9. OGRID Number 14021

3. Address of Operator: P.O. Box 3487 Houston, TX 77253-3487

10. Pool name or Wildcat: Eunice San Andres (24150)

4. Well Location

Unit Letter J : 2310' feet from the South line and 2310' feet from the East line

Section 29 Township 21-S Range 37-E NMPM County Lea

11. Elevation (*Show whether DR, RKB, RT, GR, etc.*) 3480' GL

Pit or Below-grade Tank Application ☐ or Closure ☐

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: Isolate Perfs & Acidize ☒	

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 isolate perforations in order to shut off water production, and acidize open perforations in the William Turner No. 5 well. Please see attachment for well work performed. ALso included with this C-103 is a new well bore diagram showing placement of the retrievable bridge plug to isolate the lower perforations.

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 Engineering Technician DATE 09/15/2005

E-mail address: cekendrix@marathonoil.com

Type or print name Charles E. Kendrix Telephone No. 713-296-2096

For State Use Only

APPROVED BY _____ TITLE PETROLEUM ENGINEER DATE SEP 20 2005

Conditions of Approval, if any:

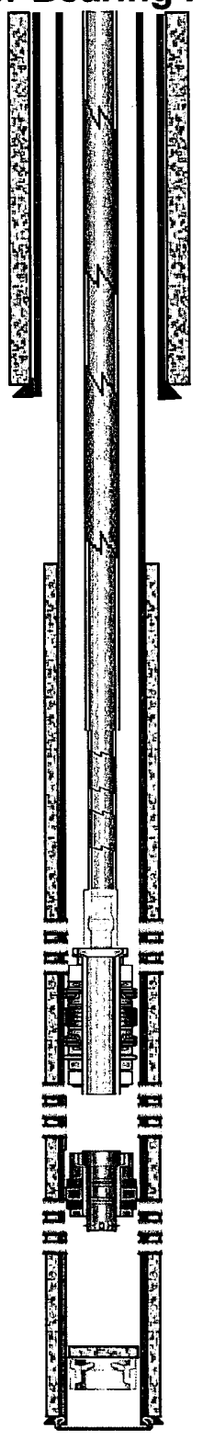
William Turner No. 5
Test Perforations and Acidize

08/05/2005	Moved in rigged up PU. SDWE
08/08/2005	Killed well, pulled off wellhead and NU BOP. Unset packer and POOH w/ tubing and packer. RIH w/ RBP w/ ball catcher and packer on 133 jts IPC 2 7/8" tbg. Set RBP @ 4132'. PUH set packer @ 4083' ND BOP, flanged up wellhead.
08/09/2005	Made 7 swab runs, well started flowing at 30 psi to frac tanks. Switched to flow through test separator.
08/10/2005	Checked tubing and casing pressure. Tbg 35 psi flowing. Casing pressure 250 psi. Well flowing on 48/64" choke. Shut down leave well flowing to facilities.
08/11/2005	Checked tubing and casing. Tbg 0 psi, casing 500 psi. Made 5 swab runs and well swabbed dry. Switched well to flow through separator. Left well open to facilities.
08/12/2005	Killed well, removed wellhead. NU BOP, unset packer, RIH unset RBP w/ ball catcher. PUH. Set RBP # 4105'. Set packer @ 4078'. Test RBP. Held pressure. PUH set packer @ 3995'. ND BOP, flanged up wellhead. RU swab. Made 5 swab runs. Swab well dry. Shut in tubing.
08/13/2005	Shut in tubing pressure = 700 psi, casing press = 100 psi. Open tubing on 16/16" choke. Blew down pressure in 30 minutes. RU swab. RIH initial fluid level 1000' f/ surface. Swab well dry. Switched to well to test facilities and left tubing open on 16/64" choke.
08/15/2005	Tbg pressure = 20 psi. csg pressure = 100 psi. RU swab. RIH initial fluid level @ 1000' f/ surface. Swabbed well dry. Leave well open to facilities on 16/64" choke.
08/16/2005	Tbg press. = 0, csg press. = 700 psi. RU swab. RIH initial fluid level @ 800' f/ surface Swab well dry. RU acid pump. Pump 500 gals 15% HCL acid, displaced acid to bottom of perforations with 18 bbls of water. Pumped 2 BPM @ 1100 psi. Run step rate test. RU Macklasky acid truck. Pumped 4200 gals 15% HCL while dropping 75 7/8" ball sealers. Initial pressure @ 1850 psi fell to 1350 psi. Saw excellent ball action. Pressure increased to a maximum of 2850 psi. Started back pumping. Pressure fell to 900 psi. Displaced acid to bottom perf. Well on vacuum. Shut well in.
08/17/2005	Tbg press = 0, csg press = 650 psi. RU swab. RIH initial fluid @ 800' f/ surface. Made 15 swab runs. Well started flowing. Switched to facilities. Left well flowing on 16/64" Choke w/ 180 psi on tbg.
08/18/2005	Well flowing w/ 250 psi, with 400 mcf/ day rate fluid rate of 400 bpd on 22/64" choke. Casing pressure @ 750 psi. Rigged down moved out PU.

William Turner No. 5
Isolated Water Bearing Perforations

Well Spud on 06/18/2005

Marathon Oil Company
Dayton Hardy No. 5
UL"J", Sec 29, T-21-S, R-37-E
15-Sep-05



Surface Casing
8 5/8" 24# J-55 set @ 401' w/ 280 sks cmt.
Cmt to suface

Top of good cement on bond log @ 2520'

Upper San Andres Perforations isolated
f/ 3888' to 3995' (Casing Shut In)

Arrow packer set @ 3995'

San Andres Perforations @ 3888' to 4208'

RBP @ 4105' lower San Andres Perfs
isolated f/ 4105' to 4216'

PBTD (Cmt) @ 4270'
Float collar @ 4273'

Production Casing
5 1/2" 17# K-55 Set @ 4320' Cmtd w/ 9701 sks
Cement to surface on production casing

TD 4320'

Well Name & Number:	William Turner No. 5		Lease	WM Turner		
County or Parish:	Lea	State/Prov.	New Mexico		Country:	USA
Perforations: (MD)	3888' 4216'		(TVD)	4320'		
Date Completed:	07/12/05				RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	09/15/05		