

NM OIL CONSERVATION

ARTESIA DISTRICT

SEP 21 2017

Form C-103

Revised July 18, 2013

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 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

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 ☐ Gas Well ☒ Other ☐		WEL RECEIVED 30-015-44070 5. Indicate Type of Lease STATE ☒ FEE ☐ 6. State Oil & Gas Lease No.
2. Name of Operator MARATHON OIL PERMIAN, LLC		7. Lease Name or Unit Agreement Name BLACK RIVER 15 10 STATE COM B1 8. Well Number 5H
3. Address of Operator 5555 SAN FELIPE STREET HOUSTON, TX 77056		9. OGRID Number 372098 10. Pool name or Wildcat PURPLE SAGE WOLFCAMP
4. Well Location Unit Letter M : 170 feet from the SOUTH line and 330 feet from the WEST line Section 15 Township 24S Range 27E NMPM County EDDY		
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		

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. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: EXTEND PERMIT ☐		OTHER: ☐	

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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MARATHON OIL PERMIAN, LLC. RESPECTFULLY WISHES TO MAKE THE FOLLOWING CHANGES TO THIS WELL:

SIIL - (SEE ATTACHED C-102) FROM M-15-24S-27E, 170' FSL 330' FWL TO P-15-24S-27E, 270' FSL 1010' FEL

BHL - (SEE ATTACHED C-102) FROM D-10-24S-27E, 240' FNL 330' FWL TO A-10-24S-27E, 330' FNL 657' FEL

DEDICATED ACREAGE - (SEE ATTACHED C-102) FROM 640 ACRES WEST 1/2 OF SEC 10 & 15 TO 640 ACRES EAST 1/2 OF SEC 10 & 15

TARGET FORMATION & POOL - (SEE ATTACHED C-102) FROM PURPLE SAGE WOLFCAMP TO WILLOW LAKE, WEST: BONE SPRING

CEMENT AND CASING -

Type	Hole Size	Casing Size	Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	440	500	0
Int1	12.25	9.625	40	2300	800	0
Prod	8.75	5.5	20	17400	3100	0

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE MELISSA SZUDERA TITLE REGULATORY COMPLIANCE REP DATE SEPTEMBER 18, 2017

Type or print name MELISSA SZUDERA E-mail address: MSZUDERA@MARATHONOIL.COM PHONE: (713) 296-3179

For State Use Only

APPROVED BY: Raymond H. Pordany TITLE Geologist DATE 9-21-17

Conditions of Approval (if any):

NM OIL CONSERVATION
ARTESIA DISTRICT

SEP 21 2017

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 391-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87110
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44070	² Pool Code 96415	³ Pool Name WILLOW LAKE, WEST; BONE SPRING
⁴ Property Code	⁵ Property Name BLACK RIVER 15-10 STATE COM B1	⁶ Well Number 5H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN LLC	⁹ Elevation 3231'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	T24S	R27E		270'	SOUTH	1010'	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	T24S	R27E		330'	NORTH	657'	EAST	EDDY

¹⁰ Dedicated Acres	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
320			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SECTION 4 SECTION 9 LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FSL 657' FEL, SECTION 10 NAD 83, SPCS NM EAST Y4400372.35 / X591168.19 LAT32.23084673N / LONG104.17216528W NAD 27, SPCS NM EAST Y4400314.01 / X549983.42 LAT32.23792683N / LONG104.17166952W				SECTION 3 SECTION 10 BHL / LAST TAKE POINT				SECTION 2 SECTION 11			
SECTION 9 SECTION 16 FIRST TAKE POINT 330' FSL 710' FEL, SECTION 15 NAD 83, SPCS NM EAST Y440456.12 / X591162.18 LAT32.21066783N / LONG104.17223282W NAD 27, SPCS NM EAST Y440397.97 / X549979.23 LAT32.21066783N / LONG104.17173670W SURFACE HOLE LOCATION 270' FSL 1010' FEL, SECTION 15 NAD 83, SPCS NM EAST Y440401.01 / X590862.22 LAT32.21066783N / LONG104.17280295W NAD 27, SPCS NM EAST Y440342.87 / X549679.28 LAT32.21051760N / LONG104.17270600W				SECTION 10 SECTION 15				SECTION 11 SECTION 14			
SECTION 16 SECTION 21 CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 430716.23 / X: 590508.31 B - Y: 430608.00 / X: 591023.03 C - Y: 440114.34 / X: 591058.86 D - Y: 440136.88 / X: 590508.75				SECTION 15 SECTION 22 CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 450657.90 / X: 549325.36 B - Y: 450630.45 / X: 550641.03 C - Y: 440056.39 / X: 550685.89 D - Y: 440078.75 / X: 549317.81				" OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or in a customary pooling agreement or a customary pooling order. Signature: <i>[Signature]</i> Date: 9/19/2017 Printed Name: Melissa Szudera E-mail Address: mszudera@marathonllc.com " SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 19, 2017 Date of Survey Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: LLOYD P. SHORT 21653			