

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 242268

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address MARATHON OIL PERMIAN LLC 5555 San Felipe St. Houston, TX 77056		2. OGRID Number 372098
4. Property Code 318162		3. API Number 30-015-44456
5. Property Name BLACK RIVER 15 10 STATE COM X		6. Well No. 007H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	15	24S	27E	O	270	S	2038	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	10	24S	27E	B	330	N	1974	E	Eddy

9. Pool Information

2nd Bench Bone Spring	0
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3229
16. Multiple N	17. Proposed Depth 17552	18. Formation Bone Spring	19. Contractor	20. Spud Date 10/4/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	400	500	0
Int1	12.25	9.625	40	2300	800	0
Prod	8.75	5.5	20	17600	3200	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	Cameron
Annular	5000	25000	Townsend

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☐ , if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Melissa Szudera	Approved By: Raymond Podany
Title: Regulatory Compliance Representative	Title: Geologist
Email Address: mszudera@marathonoil.com	Approved Date: 9/28/2017 Expiration Date: 9/28/2019
Date: 9/26/2017 Phone: 701-260-7272	Conditions of Approval Attached

SECTION 4		SECTION 3		SECTION 2	
SECTION 9 LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FUL 1974' FEL, SECTION 10 NAD 83, SPCS NM EAST Y=450299.71 / X=589856.93 LATQZ23982730N / LONM0417642559W NAD 27, SPCS NM EAST Y=450411.25 / X=588668.18 LATQZ23660749N / LONM0417592866W				SECTION 11	
SECTION 9 SECTION 16 FIRST TAKE POINT 330' FUL 2053' FEL, SECTION 15 NAD 83, SPCS NM EAST Y=440478.05 / X=589809.50 LATQZ23083203N / LONM0417657485W NAD 27, SPCS NM EAST Y=44105.92 / X=584863.58 LATQZ23073366N / LONM0417607783W SURFACE HOLE LOCATION 270' FUL 2038' FEL, SECTION 15 NAD 83, SPCS NM EAST Y=440417.78 / X=589825.75 LATQZ23068844N / LONM0417652583W NAD 27, SPCS NM EAST Y=440291.65 / X=584852.83 LATQZ23056797N / LONM0417602963W				SECTION 11 SECTION 14	
SECTION 16 SECTION 21 CORNER COORDINATES NAD 83, SPCS NM EAST A - Y=450743.64 / X=589932.43 B - Y=450706.15 / X=589887.15 C - Y=440036.88 / X=585508.75 D - Y=440159.23 / X=589132.63				SECTION 14 SECTION 23	

"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 or working interest or retained control of interest in the land including the proposed bottom hole location 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 as a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature: _____ Date: 9/26/2017

MELISSA SZUDERA

Printed Name:

MSZUDERA@MARATHONOIL.COM

E-mail Address:

"SURVEYOR CERTIFICATION"

I hereby certify that the well location shown on this plot 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 26, 2017

Date of Survey:

Signature and Seal of Professional Surveyor: _____

Certificate Number: _____

LLOYD P. SHORT

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Form APD Comments

Permit 242268

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44456
		Well: BLACK RIVER 15 10 STATE COM X #007H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 242268

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44456
		Well: BLACK RIVER 15 10 STATE COM X #007H
OCD Reviewer	Condition	
RPodany	Will require a directional survey with the C-104	
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing	