

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 243469

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 319793		3. API Number 30-015-44504
5. Property Name BLACK RIVER 374 STATE 24 27 15 WXY		6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	15	24S	27E	N	270	S	1806	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	15	24S	27E	C	330	N	1324	W	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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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 3223
16. Multiple N	17. Proposed Depth 13903	18. Formation Wolfcamp	19. Contractor	20. Spud Date 10/30/2017
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	440	500	0
Int1	12.25	9.625	40	2300	800	0
Prod	8.75	7	29	9200	920	0
Liner1	6.125	4.5	13.5	13903	600	8650

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Shaffer
Double Ram	5000	5000	Shaffer

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: 10/26/2017 Expiration Date: 10/26/2019
Date: 10/24/2017 Phone: 701-260-7272	Conditions of Approval Attached

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		² Pool Code		³ Pool Name PURPLE SAGE; WOLFCAMP					
⁴ Property Code		⁵ Property Name BLACK RIVER 374 STATE 24-27-15 WXY						⁶ Well Number 3H	
⁷ OGRID No. 372098		⁸ Operator Name MARATHON OIL PERMIAN LLC						⁹ Elevation 3223'	
¹⁰ Surface Location									
UL or lot no. N	Section 15	Township T24S	Range R27E	Lot Id#	Feet from the 270'	North/South line SOUTH	Feet from the 1806'	East/West line WEST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. C	Section 15	Township T24S	Range R27E	Lot Id#	Feet from the 330'	North/South line NORTH	Feet from the 1324	East/West line WEST	County EDDY
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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 9 SECTION 16 1324'	SECTION 10 A SECTION 15 B	CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 445455.95 / X: 586546.74 B - Y: 445462.66 / X: 585958.69 C - Y: 443159.23 / X: 589355.63 D - Y: 443164.88 / X: 586552.61 LAST TAKE POINT/BOTTOM HOLE LOCATION 300' FSL 1324' FVL, SECTION 15 NAD 83, SPCS NM EAST Y=443159.81 / X=587870.21 LAT=22°22'59.37"N / LON=104°18'28.55"W NAD 27, SPCS NM EAST Y=443251.62 / X=584687.45 LAT=22°24'7.36"N / LON=104°18'23.88"W FIRST TAKE POINT 330' FSL 1324' FVL, SECTION 15 NAD 83, SPCS NM EAST Y=444049.05 / X=587835.13 LAT=22°19'58.09"N / LON=104°18'29.91"E NAD 27, SPCS NM EAST Y=444043.95 / X=584652.25 LAT=22°19'58.02"N / LON=104°18'29.93"E SURFACE HOLE LOCATION 270' FSL 1895' FVL, SECTION 15 NAD 83, SPCS NM EAST Y=444043.15 / X=588839.30 LAT=22°19'25.11"N / LON=104°18'13.92"E NAD 27, SPCS NM EAST Y=444073.40 / X=584715.41 LAT=22°19'6.14"N / LON=104°18'06.58"W CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 445397.77 / X: 545363.97 B - Y: 445365.44 / X: 548815.87 C - Y: 446181.12 / X: 547945.72 D - Y: 446106.80 / X: 545349.75
SECTION 16 1300' SECTION 21	D SECTION 15 SECTION 22	SECTION 11 SECTION 14

"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 undivided mineral 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 mineral or working interest, or to a royalty pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: _____ Date: 10/24/2017

Melissa Szudera
Printed Name

mszudera@marathonoil.com
E-mail Address

"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.

OCTOBER 13, 2017

Date of Survey

Signature and Seal of Professional Surveyor

LLOYD P. SHORT
NEW MEXICO
21653
PROFESSIONAL SURVEYOR

Certificate Number: LLOYD P. SHORT, 21653

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Form APD Comments

Permit 243469

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44504
		Well: BLACK RIVER 374 STATE 24 27 15 WXY #003H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 243469

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
MARATHON OIL PERMIAN LLC [372098]		30-015-44504
5555 San Felipe St.		Well:
Houston, TX 77056		BLACK RIVER 374 STATE 24 27 15 WXY #003H
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	