

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 246092

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 320518		3. API Number 30-015-44613
5. Property Name TREBUCHET FEE 23 28 19 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
D	19	23S	28E		270	N	850	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
M	19	23S	28E	M	330	S	330	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 Private	15. Ground Level Elevation 3083
16. Multiple N	17. Proposed Depth 13900	18. Formation Wolfcamp	19. Contractor	20. Spud Date 12/25/2017
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	500	522	0
Int1	12.25	9.625	40	2400	842	0
Prod	8.75	7	29	9800	1012	0
Liner1	6.125	4.5	13.5	13900	512	8800

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	Shaffer
Double Ram	10000	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: 1/4/2018 Expiration Date: 1/4/2020
Date: 12/27/2017 Phone: 701-260-7272	Conditions of Approval Attached

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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		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP	
⁴ Property Code		⁵ Property Name TREBUCHET FEE 23-28-19 WXY			⁶ Well Number 3H
⁷ OGRID No. 372098		⁸ Operator Name MARATHON OIL PERMIAN LLC			⁹ Elevation 3083
* Surface Location					
UL or lot no. D (LOT 1)	Section 19	Township T23S	Range R28E	Lot Ids	Feet from the 270
				North/South line NORTH	Feet from the 850
				East/West line WEST	County EDDY
* Bottom Hole Location If Different From Surface					
UL or lot no. M (LOT 4)	Section 19	Township T23S	Range R28E	Lot Ids	Feet from the 330
				North/South line SOUTH	Feet from the 330
				East/West line WEST	County EDDY
¹⁰ Dedicated Acres 318.34		¹¹ Joint or Infill		¹² Consolidation Code	
				¹³ 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 13 SECTION 24 SECTION 19 SECTION 18 SECTION 17 SECTION 20 SECTION 25 SECTION 19 SECTION 30 CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 472198.23' / X: 602542.35' B - Y: 472208.49' / X: 602687.51' C - Y: 466881.39' / X: 605195.28' D - Y: 466895.65' / X: 602544.92'		SURFACE HOLE LOCATION 270' FUL 850' FUL NAD 83, SPCS NM EAST X: 605392.53' / Y: 471931.54' LAT: 32.25723333N / LONG: 104.13249764W NAD 27, SPCS NM EAST X: 606210.60' / Y: 471872.52' LAT: 32.29713355N / LONG: 104.1320062W FIRST TAKE POINT 330' FUL 330' FUL NAD 83, SPCS NM EAST X: 602872.53' / Y: 471969.51' LAT: 32.29708572N / LONG: 104.13141811W NAD 27, SPCS NM EAST X: 606190.00' / Y: 471832.50' LAT: 32.29696573N / LONG: 104.131364392W LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FUL 330' FUL NAD 83, SPCS NM EAST X: 602874.76' / Y: 466702.90' LAT: 32.28436079N / LONG: 104.13406464W NAD 27, SPCS NM EAST X: 606282.15' / Y: 466765.81' LAT: 32.28419331N / LONG: 104.13370499W CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 472139.21' / X: 561259.86' B - Y: 472249.44' / X: 561604.98' C - Y: 466820.68' / X: 564022.62' D - Y: 466836.77' / X: 561762.31'		* 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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well or this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order. Authorized by the Division  11/8/2017 Signature Melissa Szudera Printed Name mszudera@marathon Email Address oil.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. NOVEMBER 07, 2017 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number LLOYD P. SHORT	
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Form APD Comments

Permit 246092

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44613
		Well: TREBUCHET FEE 23 28 19 WXY #003H
Created By	Comment	Comment Date
MSZUDERA	Planned Directional, Plats, and GCP will be submitted by email.	12/19/2017

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Form APD Conditions

Permit 246092

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44613
		Well: TREBUCHET FEE 23 28 19 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	