

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 243306

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 319769		3. API Number 30-015-44491
5. Property Name RED LIGHT STATE COM 23 26 27 WA		6. Well No. 015H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	27	23S	26E	A	300	N	804	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
H	34	23S	26E	H	2322	N	1328	E	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3285
16. Multiple N	17. Proposed Depth 16121	18. Formation Wolfcamp	19. Contractor	20. Spud Date 10/23/2017
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	450	500	0
Int1	12.25	9.625	40	1900	600	0
Prod	8.75	7	29	9900	990	0
Liner1	6.125	4.5	13.5	16121	550	8200

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: 10/24/2017 Expiration Date: 10/24/2019
Date: 10/19/2017 Phone: 701-260-7272	Conditions of Approval Attached

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1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 478-1460 Fax: (505) 478-1462

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		³ Pool Name					
		98220		PURPLE SAGE, WOLFCAMP					
⁴ Property Code		⁵ Property Name						⁶ Well Number	
		RED LIGHT STATE COM 23 26 27 WA						15H	
⁷ OGRID No.		⁸ Operator Name						⁹ Elevation	
372098		MARATHON OIL PERMIAN, LLC						3285	
¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	27	T23S	R26E		300	NORTH	804	EAST	EDDY
¹¹ 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
H	34	T23S	R26E		2322	NORTH	1328	EAST	EDDY
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			
480									

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 21 SURFACE HOLE LOCATION 300' FNL 804' FLL NAD 83, SPCS NM EAST X:559469.76 / Y:466280.12 LAT:32.26188672N / LON:104.27495386W NAD 83, SPCS NM EAST X:559472.80 / Y:466282.90 LAT:32.26188672N / LON:104.27495386W FIRST TAKE POINT 300' FNL 804' FLL NAD 83, SPCS NM EAST X:559472.80 / Y:466282.90 LAT:32.26188672N / LON:104.27495386W NAD 83, SPCS NM EAST X:559472.80 / Y:466282.90 LAT:32.26188672N / LON:104.27495386W SECTION 28 SECTION 33 LAST TAKE POINT/BOTTOM HOLE LOCATION 2322' FNL 1328' FLL NAD 83, SPCS NM EAST X:559469.76 / Y:466280.12 LAT:32.26188672N / LON:104.27495386W NAD 83, SPCS NM EAST X:559472.80 / Y:466282.90 LAT:32.26188672N / LON:104.27495386W CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 559469.76 / Y: 466280.12 B - X: 560216.51 / Y: 466545.89 C - X: 560384.56 / Y: 458631.82 D - X: 557522.27 / Y: 458605.48 SECTION 33 SECTION 4 CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 559469.76 / Y: 466280.12 B - X: 559469.76 / Y: 466280.12 C - X: 559469.76 / Y: 466280.12 D - X: 559469.76 / Y: 466280.12				SECTION 22 SECTION 27 SECTION 23 SECTION 26 SECTION 28 SECTION 35 SECTION 34 SECTION 3 SECTION 2				12 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 otherwise has an 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. Witness my hand and the seal of this state this 10/18/2017. Signature: <i>[Signature]</i> Date: 10/18/2017 Printed Name: MELISSA SZUDERA E-mail Address: MSZUDERA@MARATHONOIL.COM 13 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 17, 2017 Date of Survey Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: LLOYD P. SHORT 21653	
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Form APD Comments

Permit 243306

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44491
		Well: RED LIGHT STATE COM 23 26 27 WA #015H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 243306

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44491
		Well: RED LIGHT STATE COM 23 26 27 WA #015H
OCD Reviewer	Condition	
RPodany	Will require administrative order for non-standard spacing unit	
RPodany	Will require a directional survey with the C-104	
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing	