

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 247041

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 320615		3. API Number 30-015-44630
5. Property Name GRAVEL GRINDER FEE 23 28 18 WXY		6. Well No. 010H

7. Surface Location

UL - Lot N	Section 18	Township 23S	Range 28E	Lot Idn N	Feet From 353	N/S Line S	Feet From 1355	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot C	Section 18	Township 23S	Range 28E	Lot Idn C	Feet From 330	N/S Line N	Feet From 2229	E/W Line W	County Eddy
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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 3045
16. Multiple N	17. Proposed Depth 14101	18. Formation Wolfcamp	19. Contractor	20. Spud Date 1/19/2018
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	400	0
Int1	12.25	9.625	40	2390	700	0
Prod	8.75	7	29	9400	900	0
Liner1	6.125	4.5	13.5	14100	400	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: 1/17/2018 Expiration Date: 1/17/2020
Date: 1/12/2018 Phone: 701-260-7272	Conditions of Approval Attached

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District IV
1229 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 436-3460 Fax: (505) 436-3462

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 GRAVEL GRINDER FEE 23-28-18 WXY			⁶ Well Number 10H
⁷ OGRID No. 372098		⁸ Operator Name MARATHON OIL PERMIAN LLC			⁹ Elevation 3078'

*** Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	T23S	R28E		353	SOUTH	1355	WEST	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
C	18	T23S	R28E		330	NORTH	2229	WEST	EDDY

¹⁰ Dedicated Acres 317.40	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
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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 12 SECTION 13 SECTION 14 SECTION 15 SECTION 16 SECTION 17 SECTION 18 SECTION 19 SECTION 20 SECTION 21 SECTION 22 SECTION 23 SECTION 24 SECTION 25 SECTION 26 SECTION 27 SECTION 28 SECTION 29 SECTION 30 SECTION 31 SECTION 32 SECTION 33 SECTION 34 SECTION 35 SECTION 36 SECTION 37 SECTION 38 SECTION 39 SECTION 40 SECTION 41 SECTION 42 SECTION 43 SECTION 44 SECTION 45 SECTION 46 SECTION 47 SECTION 48 SECTION 49 SECTION 50 SECTION 51 SECTION 52 SECTION 53 SECTION 54 SECTION 55 SECTION 56 SECTION 57 SECTION 58 SECTION 59 SECTION 60 SECTION 61 SECTION 62 SECTION 63 SECTION 64 SECTION 65 SECTION 66 SECTION 67 SECTION 68 SECTION 69 SECTION 70 SECTION 71 SECTION 72 SECTION 73 SECTION 74 SECTION 75 SECTION 76 SECTION 77 SECTION 78 SECTION 79 SECTION 80 SECTION 81 SECTION 82 SECTION 83 SECTION 84 SECTION 85 SECTION 86 SECTION 87 SECTION 88 SECTION 89 SECTION 90 SECTION 91 SECTION 92 SECTION 93 SECTION 94 SECTION 95 SECTION 96 SECTION 97 SECTION 98 SECTION 99 SECTION 100			11 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 a leased interest in the land including the proposed bottom hole location or has a right to drill this well on this location pursuant to a contract with an owner of such a lease or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Melissa Szudera</i> Date: 01/12/2018 Printed Name: Melissa Szudera Email Address: mszudera@marathonoil.com 12 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. Date of Survey: JANUARY 11, 2018 Signature and Seal of Professional Surveyor: <i>Lloyd P. Short</i> Certificate Number: LLOYD P. SHORT 21653
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Form APD Comments

Permit 247041

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056	API Number: 30-015-44630
	Well: GRAVEL GRINDER FEE 23 28 18 WXY #010H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 247041

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44630
		Well: GRAVEL GRINDER FEE 23 28 18 WXY #010H
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	