

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 246090

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 320516		3. API Number 30-015-44603
5. Property Name TREBUCHET FEE 23 28 19 WA		6. Well No. 005H

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	D	270	S	900	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: 12/28/2017 Expiration Date: 12/28/2019
Date: 12/20/2017 Phone: 701-260-7272	Conditions of Approval Attached

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1800 Rio Bravo Road, Aztec, NM 87410
Phone: (505) 344-6178 Fax: (505) 344-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-1400 Fax: (505) 476-3467

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
	TREBUCHET FEE 23-28-19 WA	5H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372098	MARATHON OIL PERMIAN LLC	3083

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
D (LOT 1)	19	T23S	R28E		270	NORTH	900	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
N	19	T23S	R28E		330	SOUTH	1325	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
318.34			

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.

CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 472198.23' / X: 602542.33' B - Y: 472208.49' / X: 602187.51' C - Y: 456881.59' / X: 605095.28' D - Y: 456895.65' / X: 602544.52'	SURFACE HOLE LOCATION 270' FUL 500' FUL NAD 83, SPCS NM EAST X: 602344.25' / Y: 147192.72' LAT: 32.9772382N / LONG: 106.333389W NAD 27, SPCS NM EAST X: 562266.80' / Y: 147187.70' LAT: 32.9713378N / LONG: 106.33689W FIRST TAKE POINT 330' FUL 1325' FUL NAD 83, SPCS NM EAST X: 602063.25' / Y: 147187.36' LAT: 32.9709799N / LONG: 106.3396809W NAD 27, SPCS NM EAST X: 562582.73' / Y: 147181.34' LAT: 32.9697155N / LONG: 106.3387113W LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FUL 1325' FUL NAD 83, SPCS NM EAST X: 602066.78' / Y: 1467218.63' LAT: 32.96429396N / LONG: 106.3309186W NAD 27, SPCS NM EAST X: 562585.15' / Y: 1467229.72' LAT: 32.96429396N / LONG: 106.3320834W CORNER COORDINATES NAD 27, SPCS NM EAST A - Y: 472199.23' / X: 561259.86' B - Y: 472149.44' / X: 564004.98' C - Y: 456922.68' / X: 564082.63' D - Y: 456896.77' / X: 561362.31'	SECTION 17 SECTION 20 SECTION 28 SECTION 29	"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 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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Melissa Szudera</i> Date: 11/8/2017 Printed Name: Melissa Szudera E-mail Address: mszudera@marathonoil.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: <i>Lloyd P. Short</i> Certificate Number: LLOYD P. SHORT 21653
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Santa Fe, NM 87505

Form APD Comments

Permit 246090

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44603
		Well: TREBUCHET FEE 23 28 19 WA #005H
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 246090

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
MARATHON OIL PERMIAN LLC [372098]		30-015-44603
5555 San Felipe St.		Well:
Houston, TX 77056		TREBUCHET FEE 23 28 19 WA #005H
OCD Reviewer	Condition	
RPodany	Must be in compliance with 5.9 Inactive well count.	
RPodany	Will require a directional survey with the C-104	
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing	