

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 246097

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 30-015-44605
5. Property Name TREBUCHET FEE 23 28 19 WXY		6. Well No. 010H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	19	23S	28E	N	270	S	1928	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	19	23S	28E	C	330	N	2315	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 3084
16. Multiple N	17. Proposed Depth 14000	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	14000	522	8800

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	Shaffer
Annular	5000	2500	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

SECTION 13 SECTION 24 2305' 330' R-27-E R-28-E 330' 2380' 1938' SECTION 24 SECTION 25	A B 330' LAST TAKE-184' CALLED 318.94 ACRE PRODUCING AREA 330' 330' FIRST TAKE SH 330' 270' 330' C	SECTION 18 SECTION 19 LAST TAKE POINT/BOTTOM HOLE LOCATION 306' FSL 2305' FVL NAD 83, SPCS NH EAST 8404057.99' / Y470871.01' LATQ322978509W / LDM04J2775327W NAD 27, SPCS NH EAST 8563675.46' / Y471818.17' LATQ3229697656N / LDM04J27753934W FIRST TAKE POINT 270' FSL 1938' FVL NAD 83, SPCS NH EAST 8404054.88' / Y467812.23' LATQ3228427625W / LDM04J2776208W NAD 27, SPCS NH EAST 8563682.36' / Y467154.43' LATQ3228415937N / LDM04J27762567W SURFACE HOLE LOCATION 270' FSL 1938' FVL NAD 83, SPCS NH EAST 8404470.64' / Y467155.69' LATQ3228419928N / LDM04J27762643W NAD 27, SPCS NH EAST 8563256.87' / Y467096.78' LATQ3228399966N / LDM04J27763497W CORNER COORDINATES NAD 83, SPCS NH EAST A - Y: 472198.23' / X: 606542.35' B - Y: 472080.49' / X: 605187.31' C - Y: 466881.59' / X: 605193.18' D - Y: 466893.65' / X: 605244.92'	SECTION 17 SECTION 20 SECTION 19 SECTION 30 SECTION 20 SECTION 29
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PROFESSIONAL CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this registration either states a working interest or an undivided interest in the land including the proposed bottom hole location or has a right to a bottom hole well in this location pursuant to a contract with an owner of such a mineral or working interest or is a voluntary pooling agreement or a compulsory pooling order hereafter entered by the state.

11/8/2017

Signature: Melissa Szudera Date: _____

Printed Name: _____

E-mail Address: mszudera@marathonoil.com

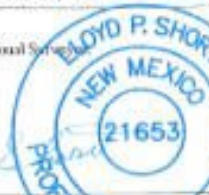
"SURVEYOR CERTIFICATION"

I hereby certify that the well location shown on this plot 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 21653

LLOYD P. SHORT, 21653

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Form APD Comments

Permit 246097

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44605
		Well: TREBUCHET FEE 23 28 19 WXY #010H
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 246097

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44605
		Well: TREBUCHET FEE 23 28 19 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	
RPodany	Must be in compliance with 5.9 inactive well count.	