

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 246089

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 320517		3. API Number 30-015-44604
5. Property Name TREBUCHET FEE 23 28 19 TB		6. Well No. 006H

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	1878	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	1653	W	Eddy

9. Pool Information

MALAGA;BONE SPRING, NORTH	42800
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3084
16. Multiple N	17. Proposed Depth 13700	18. Formation Bone Spring	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	5.5	20	13700	2641	0

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

SECTION 13 SECTION 24 1653' R-27-E R-28-E 1653' 1670' SECTION 24 SECTION 25	CALLED 16,000 ACRE PRODUCING AREA LAST TAKE POINT/BOTTOM HOLE LOCATION 330' FSL 1653' FVL NAD 83, SPCS NM EAST X604195.23' / Y471874.64' LAT32.2370508N / LBNM04.3299008W NAD 27, SPCS NM EAST X563012.73' / Y471803.60' LAT32.29697294N / LBNM04.32940317W FIRST TAKE POINT 330' FSL 1670' FVL NAD 83, SPCS NM EAST X604195.30' / Y463256.88' LAT32.20428943N / LBNM04.32991400W NAD 27, SPCS NM EAST X563012.15' / Y467157.97' LAT32.28466925N / LBNM04.329467584W SURFACE HOLE LOCATION 270' FSL 1878' FVL NAD 83, SPCS NM EAST X684422.64' / Y467216.88' LAT32.2842008N / LBNM04.32993433W NAD 27, SPCS NM EAST X683246.81' / Y4674157.97' LAT32.28399990N / LBNM04.32853497W CORNER COORDINATES NAD 83, SPCS NM EAST A - Y 472203.36' / X 603864.93' B - Y 472288.49' / X 605187.51' C - Y 466881.59' / X 685195.28' D - Y 466888.62' / X 683676.10'	SECTION 18 SECTION 19 SECTION 17 SECTION 20
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"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 indirect 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 temporary pooling order heretofore entered by the state.

11/8/2017

Signature: Melissa Szudera Date: _____

Printed Name: Melissa Szudera

Email 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: Lloyd P. Short

Certificate Number: 21653

LLOYD P. SHORT
NEW MEXICO
21653
PROFESSIONAL SURVEYOR

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Form APD Comments

Permit 246089

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44604
		Well: TREBUCHET FEE 23 28 19 TB #006H
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 246089

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
MARATHON OIL PERMIAN LLC [372098]		30-015-44604
5555 San Felipe St.		Well:
Houston, TX 77056		TREBUCHET FEE 23 28 19 TB #006H

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