

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 244109

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 319916		3. API Number 30-015-44540
5. Property Name FIDDLE FEE 24 28 23 TB		6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	23	24S	28E	D	457	N	349	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
A	23	24S	28E	A	330	N	330	E	Eddy

9. Pool Information

PIERCE CROSSING BONE SPRING,NORTH	96448
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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 2997
16. Multiple N	17. Proposed Depth 14243	18. Formation Bone Spring	19. Contractor	20. Spud Date 11/10/2017
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	520	530	0
Int1	12.25	9.625	40	2570	940	0
Prod	8.75	5.5	20	14242	2100	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	Cameron
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: 11/15/2017 Expiration Date: 11/15/2019
Date: 11/6/2017 Phone: 701-260-7272	Conditions of Approval Attached

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1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 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 Post Code 96448	³ Post Name PIERCE CROSSING; BONE SPRING (NORTH)
⁴ Property Code	⁵ Property Name FIDDLE FEE 24-28-23 TB	⁶ Well Number 2H
⁷ OGRID No. 372098	⁸ Operator Name MARATHON OIL PERMIAN, LLC	⁹ Elevation 2997

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	T24S	R28E		457	NORTH	349	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
A	23	T24S	R28E		330	NORTH	330	EAST	EDDY

¹⁰ Dedicated Acres	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
160.00			

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.

" 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 undivided 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 a 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: 11/1/2017 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 01, 2017 Date of Survey Signature and Seal of Professional Surveyor: <i>Lloyd P. Short</i> Certificate Number: 21653 LLOYD P. SHORT NEW MEXICO PROFESSIONAL SURVEYOR			
SECTION 15 SECTION 22 SECTION 27	SECTION 14 SECTION 23 SECTION 26	SECTION 13 SECTION 24 SECTION 25	SURFACE HOLE LOCATION 457' FNL 349' FWL, SECTION 23 NAD 83, SPCS NM EAST Y44084457 / X58240425 LAT32.20947460 / LON104.0059841W NAD 27, SPCS NM EAST Y43998599 / X58260546 LAT32.20935473N / LON104.00542688W FIRST TAKE POINT 330' FNL 330' FWL, SECTION 23 NAD 83, SPCS NM EAST Y44027140 / X62430280 LAT32.28962539N / LON104.06598667W NAD 27, SPCS NM EAST Y44002822 / X58260922 LAT32.28970552N / LON104.06549452W CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 440506.12 / X: 523605.39 B - Y: 448429.80 / X: 629199.88 C - Y: 438955.76 / X: 629189.12 D - Y: 439667.24 / X: 629714.16

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Form APD Comments

Permit 244109

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44540
		Well: FIDDLE FEE 24 28 23 TB #002H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 244109

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44540
		Well: FIDDLE FEE 24 28 23 TB #002H
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	