

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 239983

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 319281		3. API Number 30-015-44376
5. Property Name CYPRESS FEE 23 27 9		6. Well No. 004H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	9	23S	27E		1681	S	573	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
P	9	23S	27E	P	1081	S	330	E	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 3159
16. Multiple N	17. Proposed Depth 13500	18. Formation Wolfcamp	19. Contractor	20. Spud Date 8/30/2017
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	48	500	515	0
Int1	12.25	9.625	40	2400	880	0
Prod	8.75	7	29	9500	697	0
Liner1	6.125	4.5	11.6	13500	155	8574

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	Townsend

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: 8/11/2017 Expiration Date: 8/11/2019
Date: 8/9/2017 Phone: 701-260-7272	Conditions of Approval Attached

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number		* Pool Code		* Pool Name	
				PURPLE SAGE; WOLFCAMP	
* Property Code		* Property Name		* Well Number	
		CYPRESS FEE 23-27-9		4H	
* GRIID No.		* Operator Name		* Elevation	
372098		MARATHON OIL PERMIAN LLC		3159	

* Surface Location									County
Tract No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	
1	9	T23S	R27E		1681'	SOUTH	573'	WEST	EDDY

a Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
D	9	T23S	R27E		1081'	SOUTH	330'	EAST	EDDY

⁽¹⁾ Dedicated Acres 320	⁽²⁾ Joint or Infill	⁽³⁾ Consolidation Code	⁽⁴⁾ 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.

CORNER COORDINATES		CORNER COORDINATES		"OPERATOR CERTIFICATION"	
NAD 83, 3" SPCS NW ZONE 8 - N: 4779947.30 / E: 386466.86 9 - N: 4779947.30 / E: 386466.86 10 - N: 477848.30 / E: 386781.24 11 - N: 477848.30 / E: 386466.86		NAD 83, 3" SPCS NW ZONE 12 - N: 4779947.30 / E: 386466.86 13 - N: 4779947.30 / E: 386466.86 14 - N: 477848.30 / E: 386781.24 15 - N: 477848.30 / E: 386466.86		I hereby certify that the information contained on this map complies to the best of my knowledge and belief, and that the information herein was obtained in a lawful manner and is not derived from a copyrighted source. I warrant that the prepared boundary line is accurate and that the information herein is true and correct to the best of my knowledge and belief.	
SECTION 5	SECTION 4	LAST TIME POINT / SECTION HOLE LOCATION 100' FEET, 300' FEET NAD 83, 3" SPCS NW ZONE LAT: 4779947.30 / LONG: 386466.86 LAT: 4779947.30 / LONG: 386466.86 LAT: 477848.30 / LONG: 386781.24 LAT: 477848.30 / LONG: 386466.86		SECTION 3	I have reviewed this map and certify that the information herein is true and correct to the best of my knowledge and belief.
SECTION 8	SECTION 7	LAST TIME POINT / SECTION HOLE LOCATION 100' FEET, 300' FEET NAD 83, 3" SPCS NW ZONE LAT: 4779947.30 / LONG: 386466.86 LAT: 4779947.30 / LONG: 386466.86 LAT: 477848.30 / LONG: 386781.24 LAT: 477848.30 / LONG: 386466.86		SECTION 10	
FIRST TIME POINT 100' FEET, 300' FEET NAD 83, 3" SPCS NW ZONE LAT: 4779947.30 / LONG: 386466.86 LAT: 4779947.30 / LONG: 386466.86 LAT: 477848.30 / LONG: 386781.24 LAT: 477848.30 / LONG: 386466.86		LAST TIME POINT / SECTION HOLE LOCATION 100' FEET, 300' FEET NAD 83, 3" SPCS NW ZONE LAT: 4779947.30 / LONG: 386466.86 LAT: 4779947.30 / LONG: 386466.86 LAT: 477848.30 / LONG: 386781.24 LAT: 477848.30 / LONG: 386466.86		SECTION 13	

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Form APD Comments

Permit 239983

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44376
		Well: CYPRESS FEE 23 27 9 #004H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 239983

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44376
		Well: CYPRESS FEE 23 27 9 #004H
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	