

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 248613

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 320796		3. API Number 30-015-44691
5. Property Name CATAPULT FEE 23 26 1 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
O	1	23S	26E		463	S	1497	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	1	23S	26E	B	330	N	1328	E	Eddy

9. Pool Information

98220	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 3219
16. Multiple N	17. Proposed Depth 13600	18. Formation Wolfcamp	19. Contractor	20. Spud Date
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	400	412	0
Int1	12.25	9.625	36	1950	579	0
Int2	8.75	7	29	9273	817	0
Prod	6.125	4.5	13.5	13599	534	8266

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: 2/16/2018 Expiration Date: 2/16/2020
Date: 2/15/2018 Phone: 701-260-7272	Conditions of Approval Attached

District I
 1025 N. French St., Hobbs, NM 88240
 Phone: (575) 393-6161 Fax: (575) 393-0238
 District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 748-1281 Fax: (575) 748-9720
 District III
 1000 Rio Bravo Road, Artesia, NM 88210
 Phone: (505) 334-6878 Fax: (505) 334-6130
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3489 Fax: (505) 476-3462

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	¹ Pool Code 98220	¹ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
² Property Code	² Property Name CATAPULT FEE 23-26-1 WA	² Well Number 5H
² OGRID No. 372098	² Operator Name MARATHON OIL PERMIAN LLC	² Elevation 3219'

" Surface Location

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	1	T23S	R26E		463	SOUTH	1497	EAST	EDDY

" Bottom Hole Location IF Different From Surface

U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B (LOT2)	1	T23S	R26E		330	NORTH	1328	EAST	EDDY

¹¹ Dedicated Acres 320.36	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.

T-22-S SECTION 36 T-23-S SECTION 1 CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 487840.96' / X: 568227.01' B - Y: 487843.47' / X: 570081.56' C - Y: 482551.56' / X: 578883.00' D - Y: 482332.94' / X: 568003.23' CORNER COORDINATES NAD 83, SPCS NM EAST A - Y: 487781.95' / X: 527046.14' B - Y: 487784.43' / X: 527679.80' C - Y: 482432.46' / X: 529701.19' D - Y: 482475.98' / X: 527921.46' LAST TAKE POINT/ BOTTOM HOLE LOCATION 330' FSL 1328' FEL, SECTION 1 NAD 83, SPCS NM EAST X: 569553.96' / Y: 487751.21' LAT: 32.3462894N / LON: 104.24197908W NAD 83, SPCS NM EAST X: 568372.23' / Y: 487453.20' LAT: 32.3462821N / LON: 104.24146769W FIRST TAKE POINT 330' FSL 1339' FEL, SECTION 1 NAD 83, SPCS NM EAST X: 569543.60' / Y: 488267.76' LAT: 32.32745624N / LON: 104.2420366W NAD 83, SPCS NM EAST X: 568368.32' / Y: 488293.87' LAT: 32.3273759N / LON: 104.2415136W SURFACE HOLE LOCATION 463' FSL 1497' FEL, SECTION 1 NAD 83, SPCS NM EAST X: 569286.19' / Y: 483064.68' LAT: 32.3276919N / LON: 104.24252965W NAD 83, SPCS NM EAST X: 568284.41' / Y: 482945.77' LAT: 32.3277005N / LON: 104.2426236W SECTION 1 SECTION 12	SECTION 31 SECTION 6 SECTION 6 SECTION 7 SECTION 12	" 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 is a production order issued in accordance with the provisions of the Oil and Gas Conservation Act, and that the proposed bottom hole location is the correct location for the well as shown on the plat, and that the same is true and correct to the best of my belief. Signature: <i>Melissa Szudera</i> Date: 2/9/2018 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. Date of Survey: FEBRUARY 02, 2018 Signature and Seal of Professional Surveyor: <i>Lloyd P. Short</i> Certificate Number: LLOYD P. SHORT 21653
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Form APD Comments

Permit 248613

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-44691
		Well: CATAPULT FEE 23 26 1 WA #005H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 248613

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
MARATHON OIL PERMIAN LLC [372098]		30-015-44691
5555 San Felipe St.		Well:
Houston, TX 77056		CATAPULT FEE 23 26 1 WA #005H
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	