

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 248615

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 320795		3. API Number 30-015-44690
5. Property Name CATAPULT FEE 23 26 1 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
O	1	23S	26E		463	S	1437	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
A	1	23S	26E	A	330	N	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 3219
16. Multiple N	17. Proposed Depth 13608	18. Formation Wolfcamp	19. Contractor	20. Spud Date 2/22/2018
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	9276	817	0
Prod	6.125	4.5	13.5	13608	535	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

CORNER COORDINATES
NAD 83, SPCS NM EAST
A - Y: 487846.96' / X: 568227.80'
B - Y: 487843.17' / X: 570081.56'
C - Y: 482551.56' / X: 578863.08'
D - Y: 482533.54' / X: 568203.23'

SECTION 35 **T-22-S** **SECTION 36**
SECTION 2 **T-23-S** **SECTION 1**

CORNER COORDINATES
NAD 27, SPCS NM EAST
A - Y: 487781.50' / X: 523046.14'
B - Y: 487784.43' / X: 529599.85'
C - Y: 482492.46' / X: 529781.19'
D - Y: 482475.08' / X: 527821.46'

LAST TAKE POINT /
BOTTOM HOLE LOCATION
330' FSL 330' FEL, SECTION 1
NAD 83, SPCS NM EAST
X579551.65' / Y487513.29'
LAT02346899775N / LON03423873597W
NAD 27, SPCS NM EAST
X529369.94' / Y487454.18'
LAT02346891533N / LON034238237314W

FIRST TAKE POINT 330'
330' FSL 330' FEL, SECTION 1
NAD 83, SPCS NM EAST
X579552.31' / Y488075.39'
LAT0232747207N / LON03423874875W
NAD 27, SPCS NM EAST
X529371.11' / Y482623.49'
LAT02327353769N / LON034238846829W

SURFACE HOLE LOCATION
463' FSL 1437' FEL, SECTION 1
NAD 83, SPCS NM EAST
X569446.19' / Y482004.66'
LAT0232781902N / LON03424233049W
NAD 27, SPCS NM EAST
X528294.43' / Y482945.77'
LAT023277988N / LON0342418293W

SECTION 2 **SECTION 1**
SECTION 11 **SECTION 12**

SECTION 36 **SECTION 6** **SECTION 7**

LAST TAKE/SHL
CALLED 320.36 ACRE
PRODUCING AREA
SHL 1,437' **FIRST TAKE**

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Form APD Comments

Permit 248615

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056	API Number: 30-015-44690
	Well: CATAPULT FEE 23 26 1 WXY #010H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 248615

PERMIT CONDITIONS OF APPROVAL

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		Well: CATAPULT FEE 23 26 1 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	