

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 269139

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 325770		3. API Number 30-015-46145
5. Property Name ARES 7 WXY FEE		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
D	18	23S	28E		452	N	970	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
D	7	23S	28E	D	330	N	330	W	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 3060
16. Multiple N	17. Proposed Depth 14130	18. Formation Wolfcamp	19. Contractor	20. Spud Date 11/26/2019
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	319	0
Int1	12.25	9.625	40	2400	554	0
Prod	8.75	7	29	9779	906	2100
Liner1	6.125	4.5	13.5	14130	361	8879

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	
Double Ram	5000	5000	
Pipe	5000	5000	
Blind	5000	5000	

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: 6/28/2019 Expiration Date: 6/28/2021
Date: 6/27/2019 Phone: 701-260-7272	Conditions of Approval Attached

Statement of Environmental Impact

Project Title: Energy Research & Development Program
Lead Biologist: [Name]
Project Manager: [Name]
Date: [Date]

Project Description: [Text]

Environmental Impact Assessment: [Text]

Impact Category	Impact Description	Significance	Mitigation Measures
Air Quality	...	...	...
Water Quality	...	...	...
Soil Quality	...	...	...
Noise	...	...	...
Visual Quality	...	...	...
Cultural Resources	...	...	...
Biological Resources	...	...	...
Historic Resources	...	...	...
Cumulative Impacts	...	...	...
Mitigation Measures	...	...	...

Signatures:
 Project Manager: [Signature]
 Lead Biologist: [Signature]

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Form APD Comments

Permit 269139

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-46145
		Well: ARES 7 WXY FEE #005H
Created By	Comment	Comment Date
acovarrubias	GCP, C-102, and directional will be sent via mail.	6/27/2019

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Form APD Conditions

Permit 269139

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-46145
		Well: ARES 7 WXY FEE #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	