

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 268878

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 325766		3. API Number 30-015-46135
5. Property Name HADES 2 SB STATE COM		6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	2	23S	28E		521	N	1070	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
P	2	23S	28E	P	100	S	1019	E	Eddy

9. Pool Information

CULEBRA BLUFF;BONE SPRING, SOUTH	15011
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3068
16. Multiple N	17. Proposed Depth 13726	18. Formation Bone Spring	19. Contractor	20. Spud Date 12/17/2019
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	450	470	0
Int1	12.25	9.625	36	2550	846	0
Prod	8.75	5.5	20	13726	2247	2250

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	

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: 6/26/2019 Expiration Date: 6/26/2021
Date: 6/21/2019 Phone: 701-260-7272	Conditions of Approval Attached

Name of the Project: _____		Project No.: _____	
Project Manager: _____		Project Engineer: _____	
Project Location: _____		Project Status: _____	
Project Start Date: _____		Project End Date: _____	
Project Budget: _____		Project Cost: _____	
Project Risk: _____		Project Impact: _____	
Project Description: _____		Project Justification: _____	
Project Objectives: _____		Project Deliverables: _____	
Project Milestones: _____		Project Risks: _____	
Project Stakeholders: _____		Project Communications: _____	
Project Monitoring: _____		Project Evaluation: _____	
Project Review: _____		Project Approval: _____	
Project Sign-off: _____		Project Closure: _____	

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Project No.: _____

Project Manager: _____

Project Engineer: _____

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Form APD Comments

Permit 268878

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-46135
		Well: HADES 2 SB STATE COM #003H
Created By	Comment	Comment Date
acovarrubias	GCP, C-102, Directional, and Horizontal Rule Information, will be sent via mail.	6/20/2019

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Form APD Conditions

Permit 268878

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-015-46135
		Well: HADES 2 SB STATE COM #003H

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