

**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

Form C-101  
August 1, 2011

Permit 251456

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**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
		3. API Number 30-015-44911
4. Property Code 321284	5. Property Name Eagle Power Fee 23 27 5 WXY	6. Well No. 009H

**7. Surface Location**

UL - Lot D	Section 5	Township 23S	Range 27E	Lot Idn D	Feet From 1286	N/S Line N	Feet From 259	E/W Line W	County Eddy
---------------	--------------	-----------------	--------------	--------------	-------------------	---------------	------------------	---------------	----------------

**8. Proposed Bottom Hole Location**

UL - Lot A	Section 5	Township 23S	Range 27E	Lot Idn A	Feet From 330	N/S Line N	Feet From 330	E/W Line E	County Eddy
---------------	--------------	-----------------	--------------	--------------	------------------	---------------	------------------	---------------	----------------

**9. Pool Information**

PURPLE SAGE;WOLFCAMP (GAS)	98220
----------------------------	-------

**Additional Well Information**

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3179
16. Multiple N	17. Proposed Depth 13744	18. Formation Wolfcamp	19. Contractor	20. Spud Date 5/15/2018
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	578	0
Int2	8.75	7	29	9371	824	0
Prod	6.125	4.5	13.5	13743	530	8400

**Casing/Cement Program: Additional Comments**

--

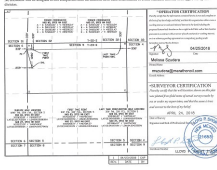
**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	10000	5000	Shaffer
Double Ram	5000	2500	Shaffer

<p>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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/>, if applicable.</p> <p>Signature:</p>	<p><b>OIL CONSERVATION DIVISION</b></p>
Printed Name: Electronically filed by Melissa Szudera	Approved By: Raymond Podany
Title: Regulatory Compliance Representative	Title: Geologist
Email Address: mszudera@marathonoil.com	Approved Date: 4/27/2018      Expiration Date: 4/27/2020
Date: 4/25/2018      Phone: 701-260-7272	Conditions of Approval Attached

**WELL LOCATION AND SURFACE ELEVATION PLAN**

Well Name	WELL	Section	10-10-10	Range	10N	Zone	10W
Operator	AMERICAN OIL COMPANY	Address	110 North 2nd Street, N.M.	City	Santa Fe	State	N.M.
Well No.	10-10-10	Section	10-10-10	Range	10N	Zone	10W



**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**

Permit 251456

**PERMIT COMMENTS**

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056	API Number: 30-015-44911
	Well: Eagle Power Fee 23 27 5 WXY #009H

Created By	Comment	Comment Date
------------	---------	--------------

**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**

Permit 251456

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056	API Number: 30-015-44911
	Well: Eagle Power Fee 23 27 5 WXY #009H

OCD Reviewer	Condition
rpodany	Will require a directional survey with the C-104
rpodany	Cement is required to circulate on both surface and intermediate 1 strings of casing