

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 253296

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 30-015-45031
4. Property Code 321497	5. Property Name SWEET TEA STATE 24 29 31 WD	6. Well No. 002H

7. Surface Location

UL - Lot L	Section 31	Township 24S	Range 29E	Lot Idn	Feet From 2372	N/S Line S	Feet From 381	E/W Line W	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot M	Section 6	Township 25S	Range 29E	Lot Idn M	Feet From 330	N/S Line S	Feet From 330	E/W Line W	County Eddy
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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 State	15. Ground Level Elevation 2918
16. Multiple N	17. Proposed Depth 17623	18. Formation Wolfcamp	19. Contractor	20. Spud Date 7/1/2018
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	2700	1040	0
Prod	8.75	7	29	9600	856	2400
Liner1	6.125	4.5	13.5	17623	833	9300

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	SHAFFER
Annular	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>OIL CONSERVATION DIVISION</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: 6/8/2018 Expiration Date: 6/8/2020
Date: 6/7/2018 Phone: 701-260-7272	Conditions of Approval Attached

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PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056	API Number: 30-015-45031
	Well: SWEET TEA STATE 24 29 31 WD #002H

Created By	Comment	Comment Date
acovarrubias	FTP: 2,340' FSL & 330' FWL; 32.17290632, -104.03117920	6/7/2018
acovarrubias	GCP, C-102, and directional will be sent via email.	6/7/2018

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PERMIT CONDITIONS OF APPROVAL

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	Well: SWEET TEA STATE 24 29 31 WD #002H

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