<u>District I</u> 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

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 261406

1 Operate	r Nam	o and Address									2 000	D Number		
	erator Name and Address MARATHON OIL PERMIAN LLC							Z. OGNI	372098					
	5555 San Felipe St.							0. 4514						
											3. API N		_	
	Hous	ston, TX 77056										30-025-45462	<u>′</u>	
Property	y Code	Э		Property Name							6. Well I	No.		
	3230)64		FLOW	MASTER	15 FB FEE						016H		
							7. Surf	ace Location						
UL - Lot		Section	Township	Range		Lot Idn		Feet From	N/S Line	Feet From		E/W Line	County	
	N	15	2-	4S	34E		N	591	S	1	888	W		Lea
						8. Propo	osed B	ottom Hole Location	on					
UL - Lot		Section	Township	Range		Lot Idn		Feet From	N/S Line	Feet From		E/W Line	County	
	С	15	24	1S	34E		С	100	N	1	985	W		Lea

RED HILLS;BONE SPRING, NORTH	96434	

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation
New Well	OIL	13. Cable/Rotary	Private	3520
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date
N	14430	Bone Spring		12/30/2019
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	1840	1545	0
Int1	12.25	9.625	40	5600	1789	0
Prod	8.75	5.5	20	14430	2241	0

Casing/Cement Program: Additional Comments

22	Proposed	Blowout	Prevention	Program
44.	rioposeu	DIOWOUL	rievendon	riogiaiii

	22.1 Toposca Biomodel Tovoldon Togethi							
Туре	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 CONS	SERVATION DIVISION	
Printed Name:	Printed Name: Electronically filed by Melissa Szudera		Approved By:	Paul F Kautz	
Title:	Regulatory Compliance Representative		Title:	Geologist	
Email Address: mszudera@marathonoil.com		Approved Date:	1/3/2019	Expiration Date: 1/3/2021	
Date:	Date: 1/2/2019 Phone: 701-260-7272			roval Attached	

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Form APD Comments

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

Permit 261406

PERMIT COMMENTS

Operator Name and Address:	API Number:
MARATHON OIL PERMIAN LLC [372098]	30-025-45462
5555 San Felipe St.	Well:
Houston, TX 77056	FLOWMASTER 15 FB FEE #016H

Created By	Comment	Comment Date
acovarrubias	GCP, C-102, Directional, and Horizontal Well Information will be sent via email.	1/2/2019

Form APD Conditions

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

Permit 261406

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:
MARATHON OIL PERMIAN LLC [372098]	30-025-45462
5555 San Felipe St.	Well:
Houston, TX 77056	FLOWMASTER 15 FB FEE #016H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface 2) PRODUCTION CASING - Cement must tie back into intermediate casing
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.