

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 264621

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 322876		3. API Number 30-025-45792
5. Property Name BATTLE 34 AV FEE		6. Well No. 025H

7. Surface Location

UL - Lot B	Section 34	Township 21S	Range 33E	Lot Idn B	Feet From 480	N/S Line N	Feet From 1525	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot P	Section 34	Township 21S	Range 33E	Lot Idn P	Feet From 100	N/S Line S	Feet From 1254	E/W Line E	County Lea
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9. Pool Information

WC-025 G-06 S213326D;BONE SPRING	97929
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3696
16. Multiple N	17. Proposed Depth 14411	18. Formation Bone Spring	19. Contractor	20. Spud Date 4/30/2019
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	1560	1310	0
Int1	12.25	9.625	40	5100	1652	0
Prod	8.75	5.5	20	14411	2298	4800

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

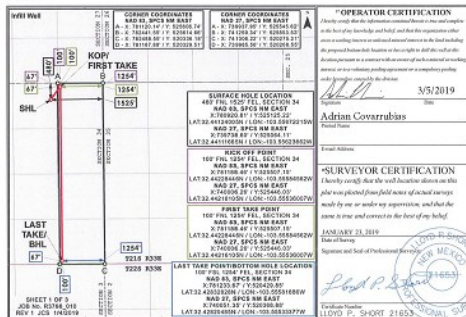
Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	2500	
Double Ram	5000	5000	
Pipe	5000	5000	
Blind	5000	5000	

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature:	OIL CONSERVATION DIVISION
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: 4/1/2019 Expiration Date: 4/1/2021
Date: 3/27/2019 Phone: 701-260-7272	Conditions of Approval Attached

WELL LOCATION AND ACREAGE DEDICATION PLAT

WELL LOCATION AND ACREAGE DECLARATION PLAY									
OFF Number		97929		WC-025 G-06 S2133ZD, BONE SPRING		Production			
Property Class		BATTLE 34 AV FE				Original Acreage			
25H									
25H		Operator Name				25H			
377098		MARATHON OIL, PERMIAN LLC				25H			
- Surface Location									
U.S. lot no.	Section	Township	Range	East line	North/ South line	East line	East/ West line	East line	County
B	34	21S	31E		1525		EAST		LEA
- Bottom Hole Location If Different From Surface									
U.S. lot no.	Section	Township	Range	East line	North/ South line	East line	East/ West line	East line	County
P	34	21S	31E	100	SOUTHI	1254	EAST		LEA
Total Acreage		Cancellation Code		Order No.					
160.0									

No allowance will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Distances/areas relative to NAD 83 Contiguous Scale Factor: 0.99970893 Convergence: 0.41828189°

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Form APD Comments

Permit 264621

PERMIT COMMENTS

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056		API Number: 30-025-45792
		Well: BATTLE 34 AV FEE #025H
Created By	Comment	Comment Date
acovarrubias	C-102, GCP, Directional, and Horizontal Rule Information will be sent via email.	3/7/2019
pkautz	R-111-p area sent letter to BLM & SLO	3/27/2019

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Form APD Conditions

Permit 264621

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

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MARATHON OIL PERMIAN LLC [372098] 5555 San Felipe St. Houston, TX 77056	API Number: 30-025-45792
	Well: BATTLE 34 AV FEE #025H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Will require a administrative order for non-standard location prior to placing the well on production.
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.
pkautz	Stage Tool 1) Must notify OCD Hobbs Office prior to running Stage Tool at 5753703186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.
pkautz	Potash Area - Three String Casing Program - In accordance with R-111-P all strings shall be cemented to surface. Salt Protection String - If the cement fails to reach the surface or the bottom of the cellar, where required, the top of the cement shall be located by a temperature or other survey and additional cementing shall be done until the cement is brought to the surface.