

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 241582

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 30-025-44043
4. Property Code 318143	5. Property Name ABE STATE	6. Well No. 001H

7. Surface Location

UL - Lot B	Section 32	Township 21S	Range 33E	Lot Idn B	Feet From 240	N/S Line N	Feet From 1980	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot B	Section 29	Township 21S	Range 33E	Lot Idn B	Feet From 240	N/S Line N	Feet From 1980	E/W Line E	County Lea
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9. Pool Information

WC-025 G-07 S213330F;BONE SPRING	97927
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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 3727
16. Multiple N	17. Proposed Depth 16,110'	18. Formation Bone Spring	19. Contractor	20. Spud Date 9/25/2017
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	1700	1700	0
Int1	12.25	9.625	40	5300	1800	0
Prod	8.75	5.5	20	16110	2350	0

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>Printed Name: Electronically filed by Melissa Szudera</p> <p>Title: Regulatory Compliance Representative</p> <p>Email Address: mszudera@marathonoil.com</p> <p>Date: 01/23/2018 Phone: 713-296-3179</p>	<p>OIL CONSERVATION DIVISION</p> <p style="font-size: 2em; font-family: cursive;">Accepted for Record</p> <p>Approved By: _____</p> <p>Title: _____</p> <p>Approved Date: 1-23-18</p> <p>Expiration Date: _____</p>
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Proposed Depth (field 17.) amended to reflect measured depth rather than true vertical depth. APD approval date remains the same.