

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 230458

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address APACHE CORP 303 Veterans Airpark Lane Midland, TX 79705		2. OGRID Number 873
		3. API Number 30-015-44045
4. Property Code 317303	5. Property Name PALMILLO 14-15 STATE	6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	15	19S	28E		1600	N	450	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	14	19S	28E	H	1650	N	280	E	Eddy

9. Pool Information

PALMILLO; BONE SPRING, SW	96413
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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 3462
16. Multiple N	17. Proposed Depth 12482	18. Formation Bone Spring	19. Contractor	20. Spud Date 1/31/2017
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	48	400	275	0
Int1	12.25	9.625	36	3000	555	0
Prod	8.75	7	26	6785	345	0
Prod	8.75	5.5	17	12482	1155	6785

Casing/Cement Program: Additional Comments

Apache will run a tapered prod string (combo of 7" & 5.5") to TD of 12482. Total sx cmt for prod string is 1500.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	1500	
Double Ram	3000	3000	

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.		OIL CONSERVATION DIVISION	
Signature:		Approved By: <i>Raymond W. Pedary</i>	
Printed Name: Electronically filed by Bobby Smith		Title: <i>Geologist</i>	
Title:		Approved Date: <i>1-24-2017</i>	
Email Address: bobby.smith@apachecorp.com		Expiration Date: <i>1-24-2019</i>	
Date: 1/13/2017	Phone: 432-818-1020	Conditions of Approval Attached	

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 Santa Fe, NM 87505**

Form C-102
 August 1, 2011
 Permit 230458

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-44045	2. Pool Code 96413	3. Pool Name PALMILLO; BONE SPRING, SW
4. Property Code 317303	5. Property Name PALMILLO 14-15 STATE	6. Well No. 003H
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3462

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	15	19S	28E		1600	N	450	E	Eddy

11. Bottom Hole Location if Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 160.00			13. Joint or infill		14. Consolidation Code		15. Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION	
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>	
	E-Signed By:	Bobby Smith
	Title:	
	Date:	1/13/2017
	SURVEYOR CERTIFICATION	
<i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>		
Surveyed By:	ROBERT HOWETT	
Date of Survey:	11/30/2016	
Certificate Number:	19680	