

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 230420

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 30-015-44043
4. Property Code 317303	5. Property Name PALMILLO 14-15 STATE	6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	15	19S	28E		285	S	315	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
P	14	19S	28E	P	430	S	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 3420
16. Multiple N	17. Proposed Depth 12311	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	6728	340	0
Prod	8.75	5.5	17	12311	1135	6728

Casing/Cement Program: Additional Comments

Apache will run a tapered prod string (combo of 7" & 5.5") to TD of 12311. Total sx cmt for prod string is 1475.

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: 	
Printed Name: Electronically filed by Bobby Smith	Title: Geologist	
Title:	Approved Date: 1-24-2017	Expiration Date: 1-24-2019
Email Address: bobby.smith@apachecorp.com	Conditions of Approval Attached	
Date: 1/13/2017	Phone: 432-818-1020	

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 Oil Conservation Division
 1220 S. St Francis Dr.
 Santa Fe, NM 87505**

Form C-102
 August 1, 2011
 Permit 230420

WELL LOCATION AND ACREAGE DEDICATION PLAT

RP

1. API Number 30-015-44043	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. 002H
7. OGRID No. 873	8. Operator Name APACHE CORP	9. Elevation 3420

10. Surface Location

UL - Lot P	Section 15	Township 19S	Range 28E	Lot Idn	Feet From 285	N/S Line S	Feet From 315	E/W Line E	County Eddy
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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
	<p><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></p> <p>E-Signed By: Bobby Smith Title: Date: 1/13/2017</p>
	SURVEYOR CERTIFICATION
	<p><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></p> <p>Surveyed By: ROBERT HOWETT Date of Survey: 11/30/2016 Certificate Number: 19680</p>