

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 265205

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

1. Operator Name and Address APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705		2. OGRID Number 873
4. Property Code 325176		3. API Number 30-015-45800
5. Property Name PALMILLO 3 STATE		6. Well No. 242H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	3	19S	28E		1898	S	180	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
L	3	19S	28E	L	2073	S	50	W	Eddy

9. Pool Information

PALMILLO;BONE SPRING, SOUTHWEST	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 3479
16. Multiple N	17. Proposed Depth 12339	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 7/15/2019
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	48	370	262	0
Int1	12.25	9.625	36	3000	625	0
Prod	8.75	5.5	17	7765	617	2500
Prod	8.5	5.5	17	12339	853	7765

Casing/Cement Program: Additional Comments

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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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Sorina Flores	Approved By: Raymond Podany
Title: Supv of Drilling Services	Title: Geologist
Email Address: sorina.flores@apachecorp.com	Approved Date: 3/20/2019 Expiration Date: 3/20/2021
Date: 3/19/2019 Phone: 432-818-1167	Conditions of Approval Attached

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-		² Pool Code 96413		³ Pool Name PALMILLO; BONE SPRING, SOUTHWEST					
⁴ Property Code		⁵ Property Name PALMILLO 3 STATE						⁶ Well Number 242H	
⁷ OGRID NO. 873		⁸ Operator Name APACHE CORPORATION						⁹ Elevation 3479'	
¹⁰ Surface Location									
UL or lot no. I	Section 3	Township 19S	Range 28E	Lot Idn	Feet from the 1898	North/South line SOUTH	Feet From the 180	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. L	Section 3	Township 19S	Range 28E	Lot Idn	Feet from the 2073	North/South line SOUTH	Feet from the 50	East/West line WEST	County EDDY
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

¹⁶ GEODETIC DATA LOT 4 NAD 83 GRID - NM EAST SURFACE LOCATION (S.L.) N 613988.8 - E 595812.6 LAT: 32.6877739° N LONG: 104.1562662° W FIRST TAKE POINT (F.T.P.) N 614164.8 - E 595894.3 LAT: 32.6882572° N LONG: 104.1559995° W LAST TAKE POINT (L.T.P.) N 614103.5 - E: 590918.0 LAT: 32.6881107° N LONG: 104.1721749° W BOTTOM HOLE (B.H.) N 614102.9 - E 590868.0 LAT: 32.6881093° N LONG: 104.1723374° W		¹⁷ OPERATOR CERTIFICATION 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 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. Signature <u>Sorina L. Flores</u> Date <u>3/19/2019</u> Printed Name <u>SORINA L. FLORES</u> E-mail Address <u>sorina.flores@apachecorp.com</u>	
¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey <u>1-8-19</u> Signature and Seal of Professional Surveyor <u>Jeffrey L. Fansler</u> Certificate Number <u>10034</u>		¹⁹ CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1941" N 612029.5 - E 590800.8 B: FOUND BRASS CAP "1941" N 614665.5 - E 590822.7 C: FOUND BRASS CAP "1941" N 617316.8 - E 590847.2 D: FOUND BRASS CAP "1941" N 617350.7 - E 593436.5 E: FOUND BRASS CAP "1914" N 617384.0 - E 596024.3 F: FOUND BRASS CAP "1941" N 614733.6 - E 595999.8 G: FOUND BRASS CAP "1911" N 612093.1 - E 595974.2 H: FOUND BRASS CAP "1941" N 612060.8 - E 593387.2 CALCULATED POINTS 1: N 613347.5 - E 590811.8 2: N 613413.4 - E 595987.0	

Job No.: LS18121368

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Form APD Comments

Permit 265205

PERMIT COMMENTS

Operator Name and Address: APACHE CORPORATION [873] 303 Veterans Airpark Ln Midland, TX 79705		API Number: 30-015-45800
		Well: PALMILLO 3 STATE #242H
Created By	Comment	Comment Date
rklein	for clarification on BHL	3/19/2019

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Form APD Conditions

Permit 265205

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORPORATION [873] 303 Veterans Airpark Ln Midland, TX 79705		API Number: 30-015-45800
		Well: PALMILLO 3 STATE #242H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	