

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 258729

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 317303		3. API Number 30-015-45381
5. Property Name PALMILLO 14 15 STATE		6. Well No. 307H

7. Surface Location

UL - Lot	M	Section	14	Township	19S	Range	28E	Lot Idn		Feet From	631	N/S Line	S	Feet From	351	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	M	Section	15	Township	19S	Range	28E	Lot Idn	M	Feet From	330	N/S Line	S	Feet From	50	E/W Line	W	County	Eddy
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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 3446
16. Multiple N	17. Proposed Depth 13839	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 2/28/2019
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	300	225	0
Int1	12.25	9.625	36	3500	725	0
Prod	8.5	5.5	17	13839	943	8782
Prod	8.75	5.5	17	8782	667	3000

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: 10/31/2018 Expiration Date: 10/31/2020
Date: 10/30/2018 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 ; BONESPRING, SW
⁴ Property Code 317303	⁵ Property Name PALMILLO 14-15 STATE	
⁷ OGRID NO. 873	⁸ Operator Name APACHE CORPORATION	⁶ Well Number 307H
		⁹ Elevation 3446'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
M	14	19S	28E		631	SOUTH	351	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	19S	28E		330	SOUTH	50	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

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 GEODEIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (S.L.) N 602171.3 - E 596333.8 LAT: 32.6552886° N LONG: 104.1546364° W KICK OFF POINT / FIRST TAKE POINT (K.O.P./F.T.P.) N 602011.4 - E 596359.9 LAT: 32.6548490° N LONG: 104.1545529° W LAST TAKE POINT (L.T.P.) N 601818.4 - E 590888.7 LAT: 32.6543426° N LONG: 104.1723308° W BOTTOM HOLE (B.H.) N 601817.9 - E 590838.7 LAT: 32.6543414° N LONG: 104.1724933° W	CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1941" N 601487.4 - E 590787.6 B: FOUND BRASS CAP "1941" N 604120.4 - E 590796.6 C: FOUND BRASS CAP "1941" N 606757.2 - E 590806.5 D: FOUND BRASS CAP "1941" N 606785.9 - E 593400.0 E: FOUND BRASS CAP "1941" N 606815.2 - E 595993.1 F: FOUND BRASS CAP "1941" N 606837.6 - E 598589.8	G: FOUND BRASS CAP "1941" N 606860.6 - E 601187.3 H: FOUND BRASS CAP "1941" N 604227.7 - E 601181.4 I: FOUND BRASS CAP "1941" N 601577.6 - E 601175.4 J: FOUND BRASS CAP "1941" N 601556.9 - E 598579.0 K: FOUND BRASS CAP "1941" N 601537.8 - E 595981.6 L: FOUND BRASS CAP "1941" N 601514.2 - E 593387.0 CALCULATED POINTS 1: N 602803.9 - E 590792.1 2: N 602857.2 - E 595984.4 3: N 602868.5 - E 597283.1 4: N 601547.4 - E 597280.3	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. Sorina L Flores 10/30/2018 Signature: _____ Date: _____ SORINA L FLORES Printed Name: _____ sorina.flores@apachecorp.com E-mail Address: _____
S 89°21'59" W 2594.32' (D) S 89°21'06" W 2593.95' (E) S 89°30'21" W 2597.53' (F) S 89°29'40" W 2598.22' S 89°24'37" W 2600.20' (L) S 89°28'39" W 2595.35' (K) S 89°34'46" W 2598.14' (J) S 89°32'33" W 2597.17' N 00°11'42" E 2633.65' (B) N 00°12'50" E 2637.54' (C) N 00°07'30" E 5278.78' N 00°07'42" E 2633.55' N 00°07'48" E 2650.74' (H)			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. 6-21-2018 Date of Survey Signature and Seal of Professional Surveyor 10034 Certificate Number JEFFREY L. FANSLER NEW MEXICO 10034 PROFESSIONAL SURVEYOR

Job No.: LS1806807DP

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Form APD Comments

Permit 258729

PERMIT COMMENTS

Operator Name and Address: APACHE CORPORATION [873] 303 Veterans Airpark Ln Midland, TX 79705		API Number: 30-015-45381
		Well: PALMILLO 14 15 STATE #307H
Created By	Comment	Comment Date
sflores	Apache respectfully request approval to utilize a spudder rig to pre-set surface casing. Procedure attached.	10/30/2018

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Form APD Conditions

Permit 258729

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORPORATION [873] 303 Veterans Airpark Ln Midland, TX 79705		API Number: 30-015-45381
		Well: PALMILLO 14 15 STATE #307H
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	