

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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
4. Property Code 317303		3. API Number 30-015-44043
5. Property Name PALMILLO 14-15 STATE		6. Well No. 002H

7. 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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8. Proposed Bottom Hole Location

UL - Lot	P	Section	14	Township	19S	Range	28E	Lot Idn	P	Feet From	430	N/S Line	S	Feet From	280	E/W Line	E	County	Eddy
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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.
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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: _____ Printed Name: Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 1/13/2017	OIL CONSERVATION DIVISION Approved By: Raymond Podany Title: Geologist Approved Date: 1/24/2017 Expiration Date: 1/24/2019 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

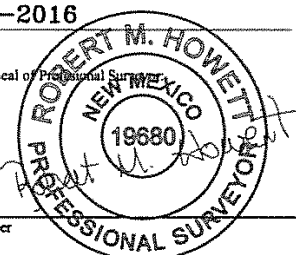
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ 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		⁵ Property Name PALMILLO 14-15 STATE						⁶ Well Number 2H	
⁷ GRID NO. 873		⁸ Operator Name APACHE CORPORATION						⁹ Elevation 3420'	
¹⁰ Surface Location									
UL or lot no. P	Section 15	Township 19S	Range 28E	Lot Idn	Feet from the 285	North/South line SOUTH	Feet From the 315	East/West line EAST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. P	Section 14	Township 19S	Range 28E	Lot Idn	Feet from the 430	North/South line SOUTH	Feet from the 280	East/West line EAST	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 GEODETHIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N: 601761.4 - E: 554484.6 LAT: 32.65421883° N LONG: 104.15630526° W FIRST TAKE POINT (F.T.P.) N: 601849.6 - E: 554899.7 LAT: 32.65445938° N LONG: 104.15495594° W LAST TAKE POINT (L.T.P.) N: 601946.3 - E: 559663.8 LAT: 32.65470220° N LONG: 104.13947611° W BOTTOM LOCATION N: 601946.7 - E: 559713.8 LAT: 32.65470294° N LONG: 104.13931370° W			CORNER DATA NAD 27 GRID - NM EAST A: FOUND BRASS CAP "1941" N: 601428.9 - E: 549605.0 B: FOUND BRASS CAP "1941" N: 604061.8 - E: 549614.0 C: FOUND BRASS CAP "1941" N: 606698.6 - E: 549623.9 D: FOUND BRASS CAP "1941" N: 606727.2 - E: 552217.4 E: FOUND BRASS CAP "1941" N: 606756.6 - E: 554810.5 F: FOUND BRASS CAP "1941" N: 606778.9 - E: 557407.3 G: FOUND BRASS CAP "1941" N: 606801.8 - E: 560004.8 H: FOUND BRASS CAP "1941" N: 604169.0 - E: 559998.8			CORNER DATA NAD 27 GRID - NM EAST I: FOUND BRASS CAP "1941" N: 601519.0 - E: 559992.8 J: FOUND BRASS CAP "1941" N: 601498.3 - E: 557396.3 K: FOUND BRASS CAP "1941" N: 601479.3 - E: 554798.9 L: FOUND BRASS CAP "1941" N: 601455.6 - E: 552204.4 1: CALCULATED POINT N: 601467.4 - E: 553501.6 2: CALCULATED POINT N: 602785.7 - E: 553504.7 3: CALCULATED POINT N: 602797.4 - E: 554801.8 4: CALCULATED POINT N: 602844.0 - E: 559995.8		
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>1/11/17</u> Printed Name SORINA L. FLORES 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. <u>11-30-2016</u> Date of Survey Signature and Seal of Professional Surveyor  Certificate Number 19680 1/10/16 DIR PLAN					

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1611379

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Form APD Comments

Permit 230420

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-44043
		Well: PALMILLO 14-15 STATE #002H
Created By pkautz	Comment REJECTED at operators request.	Comment Date 1/11/2017

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Form APD Conditions

Permit 230420

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-015-44043
	Well: PALMILLO 14-15 STATE #002H
OCD Reviewer	Condition