

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 247953

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 320701		3. API Number 30-015-44668
5. Property Name PALMILLO 14 15 STATE COM		6. Well No. 207

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	14	19S	28E	E	2345	N	415	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	15	19S	28E	E	1903	N	100	W	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 3438
16. Multiple N	17. Proposed Depth 12690	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 5/1/2018
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	285	0
Int1	12.25	9.625	36	3000	615	0
Prod	8.5	5.5	17	12690	933	7698
Prod	8.75	5.5	17	7698	622	2500

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 Bobby Smith	Approved By: Raymond Podany
Title:	Title: Geologist
Email Address: bobby.smith@apachecorp.com	Approved Date: 2/7/2018 Expiration Date: 2/7/2020
Date: 2/2/2018 Phone: 432-818-1020	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	⁶ Well Number 207H
⁷ OGRID NO. 873	⁸ Operator Name APACHE CORPORATION	⁹ Elevation 3438'

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
E	14	19S	28E		2345	NORTH	415	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
E	15	19S	28E		1903	NORTH	100	WEST	EDDY

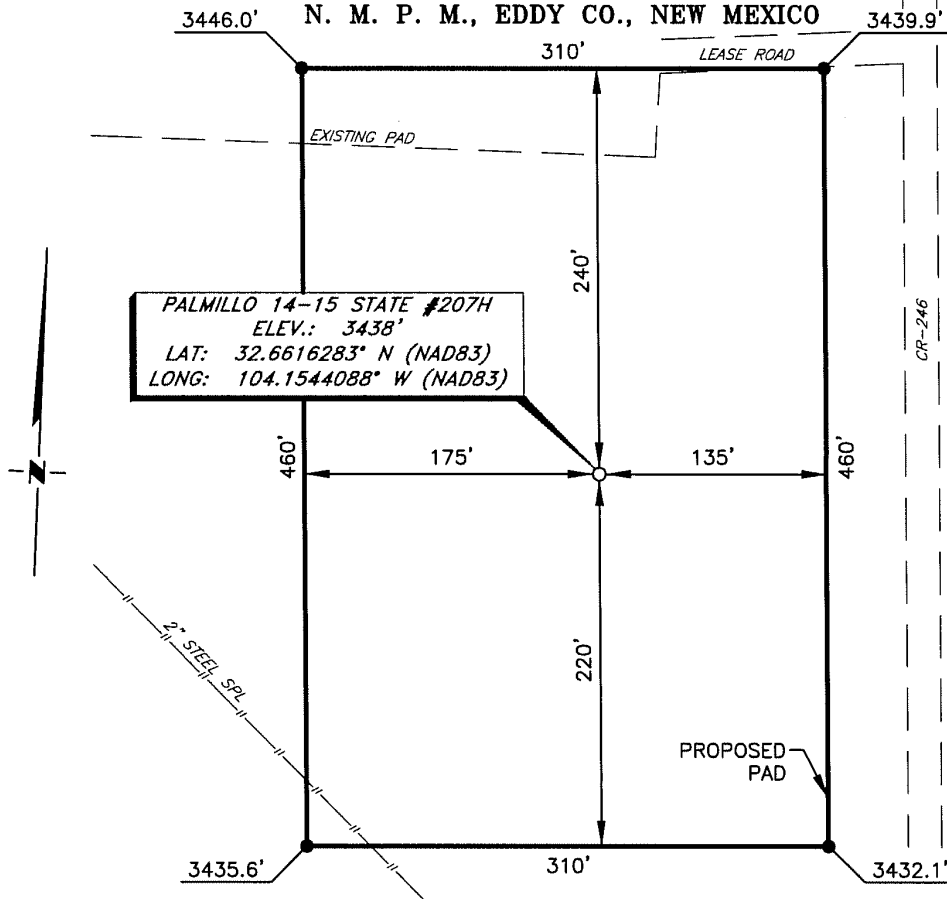
¹² Dedicated Acres 16.0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N: 604477.7 - E: 596400.0 LAT: 32.6616283° N LONG: 104.1544088° W FIRST TAKE POINT (FTP) N: 604514.8 - E: 595885.4 LAT: 32.6617325° N LONG: 104.1560806° W LAST TAKE POINT (LTP) N: 604859.3 - E: 590896.5 LAT: 32.6627011° N LONG: 104.1722905° W BOTTOM LOCATION (BH) N: 604859.3 - E: 590896.5 LAT: 32.6627011° N LONG: 104.1722905° W	CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1941" N: 601490.9 - E: 590784.8 B: FOUND BRASS CAP "1941" N: 604123.9 - E: 590793.7 C: FOUND BRASS CAP "1941" N: 606760.7 - E: 590803.6 D: FOUND BRASS CAP "1941" N: 606789.4 - E: 593397.1 E: FOUND BRASS CAP "1941" N: 606818.7 - E: 595990.2 F: FOUND BRASS CAP "1941" N: 606841.1 - E: 598587.0 G: FOUND BRASS CAP "1941" N: 606864.1 - E: 601184.5 H: FOUND BRASS CAP "1941" N: 604123.2 - E: 601178.6	CORNER DATA NAD 83 GRID - NM EAST I: FOUND BRASS CAP "1941" N: 601581.1 - E: 601172.6 J: FOUND BRASS CAP "1941" N: 601560.4 - E: 598576.1 K: FOUND BRASS CAP "1941" N: 601541.3 - E: 595978.7 L: FOUND BRASS CAP "1941" N: 601517.7 - E: 593384.1 1: CALCULATED POINT N: 604192.8 - E: 597283.0 2: CALCULATED POINT N: 605511.4 - E: 597285.8 3: CALCULATED POINT N: 605499.4 - E: 595987.3 4: CALCULATED POINT N: 605442.3 - E: 590798.7 5: CALCULATED POINT N: 604180.0 - E: 595984.4	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>2/2/18</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: 11-30-2016 Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> Certificate Number: 19680 Rev: 1-16-18 NAD83 BH/FTP

RRC - Job No.: LS1611378D2

APACHE CORPORATION
PALMILLO 14-15 STATE #207H
(2345' FNL & 415' FWL)
SECTION 14, T19S, R28E
N. M. P. M., EDDY CO., NEW MEXICO



PALMILLO 14-15 STATE #207H
 ELEV.: 3438'
 LAT: 32.6616283° N (NAD83)
 LONG: 104.1544088° W (NAD83)

DIRECTIONS TO LOCATION

From the intersection of U.S. CR-235 (Curry Comb Rd.) and CR-246 (Millman Rd.);
 Go South on CR-246 approx. 1.5 miles, location on the left.

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY. BOUNDARY DATA IS SHOWN FROM A PREVIOUS SURVEY REFERENCED HEREON.

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this unclassified survey of a well location from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett
 Robert M. Howett NM PS 19680



SCALE: 1" = 100'
 0 50 100
 BEARINGS ARE
 NAD 83 GRID - NM EAST
 DISTANCES ARE
 GROUND.

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NO.	REVISION	DATE
JOB NO.:	1611378D2	
DWG. NO.:	1611378PAD	

RRC

308 W. BROADWAY ST., HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 100'
 DATE: 11-30-2016
 SURVEYED BY: JM/HD
 DRAWN BY: CMJ
 APPROVED BY: RMH
 SHEET: 1 OF 1

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Form APD Comments
 Permit 247953

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-44668
		Well: PALMILLO 14 15 STATE COM #207
Created By	Comment	Comment Date
sflores	Apache Corp respectfully requests approval for the following changes and additions to the drilling plan: 1. Utilize a spudder rig to pre-set surface casing. 2. Description of Operations 1. Spudder rig will move in their rig to drill the surface hole section and pre-set surface casing on the Palmillo 14-15 State 207H. a. After drilling the surface hole section, the rig will run casing and cement following all of the applicable rules and regulations (19.15.16 NMAC Drilling and Production). b. Rig will utilize fresh water based mud to drill 17-1/2" surface hole to TD. Solids cont	2/2/2018
sflores	NSL to be filed	2/2/2018

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Form APD Conditions

Permit 247953

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-44668
		Well: PALMILLO 14 15 STATE COM #207
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	