

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 247951

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 30-015-44667
5. Property Name PALMILLO 14 15 STATE		6. Well No. 205H

7. Surface Location

UL - Lot M	Section 14	Township 19S	Range 28E	Lot Idn M	Feet From 660	N/S Line S	Feet From 330	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 430	N/S Line S	Feet From 100	E/W Line W	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 3433
16. Multiple N	17. Proposed Depth 12524	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 3/20/2018
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	12524	910	7665
Prod	8.75	5.5	17	7665	620	7665

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, S W
⁴ Property Code 317303	⁵ Property Name PALMILLO 14-15 STATE	
⁷ GRID NO. 873	⁸ Operator Name APACHE CORPORATION	⁶ Well Number 205H
		⁹ Elevation 3433'

¹⁰ Surface Location

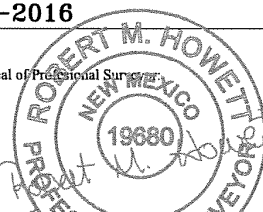
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
M	14	19S	28E		660	SOUTH	330	WEST	EDDY

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		430	SOUTH	100	WEST	EDDY

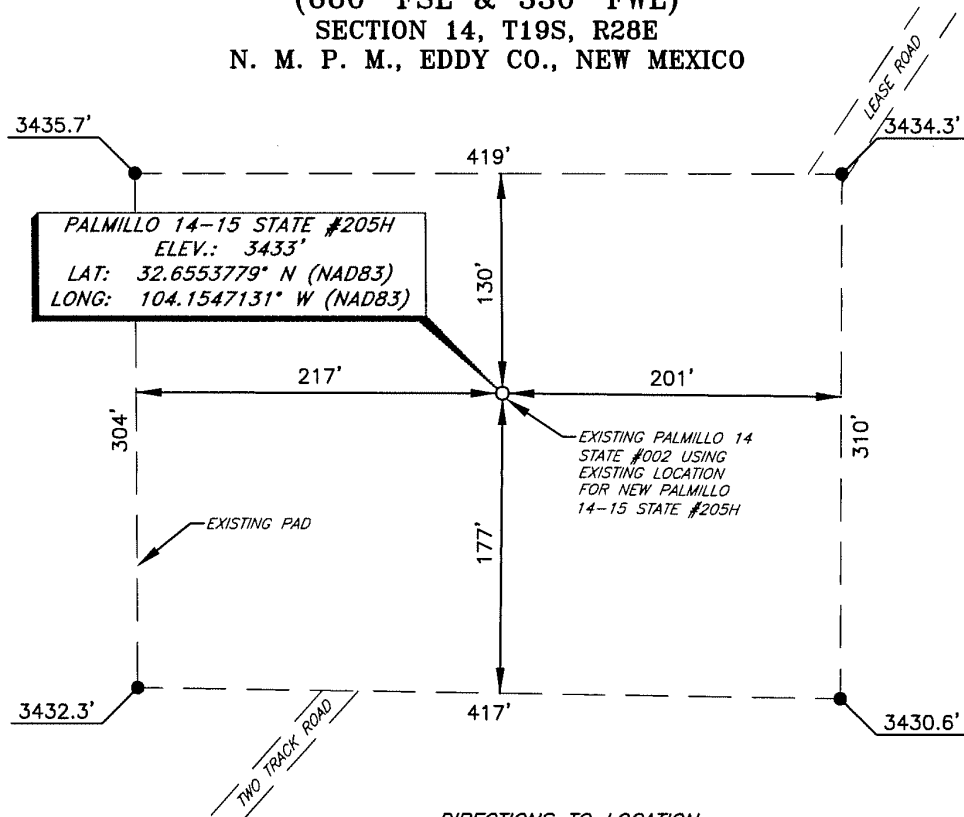
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

¹⁶ GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION (SL) N: 602203.7 - E: 596310.2 LAT: 32.6553779° N LONG: 104.1547131° W FIRST TAKE POINT (FTP) N: 602180.8 - E: 595880.3 LAT: 32.6553168° N LONG: 104.1561101° W LAST TAKE POINT (LTP) N: 601921.8 - E: 590886.2 LAT: 32.6546270° N LONG: 104.1723385° W BOTTOM LOCATION (BH) N: 601921.8 - E: 590886.2 LAT: 32.6546270° N LONG: 104.1723385° 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: 601550.9 - E: 597277.4 2: CALCULATED POINT N: 602871.2 - E: 597280.3 3: CALCULATED POINT N: 602859.5 - E: 595981.6 4: CALCULATED POINT N: 602807.4 - E: 590789.3		
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. 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. 11-30-2016 Date of Survey Signature and Seal of Professional Surveyor:  19680 Certificate Number Rev: 1-16-18 NAD83/BH/LTP					

RRC - Job No.: LS1611376D2

APACHE CORPORATION
PALMILLO 14-15 STATE #205H
(660' FSL & 330' FWL)
SECTION 14, T19S, R28E
N. M. P. M., EDDY CO., NEW MEXICO



DIRECTIONS TO LOCATION

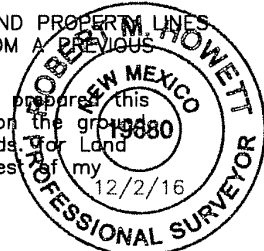
From the intersection of U.S. CR-235 (Curry Comb Rd.) and CR-246 (Millman Rd.);
 Go South on CR-246 approx. 2.0 miles to a lease road on the right;
 Turn right and go West approx. 400 feet, to location.

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

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



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NO.	REVISION	DATE
JOB NO.:	1611376D2	
DWG. NO.:	1611376PAD	

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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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form APD Comments

Permit 247951

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-44667
		Well: PALMILLO 14 15 STATE #205H

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 205H. 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	2/2/2018
sflores	NSL to be filed.	2/2/2018

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Form APD Conditions

Permit 247951

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-44667
		Well: PALMILLO 14 15 STATE #205H
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	