

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) 334-6170
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 189886

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 310374		3. API Number 30-015-42544
5. Property Name PALMILLO 14 STATE		6. Well No. 002H

7. Surface Location

UL - Lot	M	Section	14	Township	19S	Range	28E	Lot Idn	Feet From	660	N/S Line	S	Feet From	330	E/W Line	W	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	-----------	-----	----------	---	-----------	-----	----------	---	--------	------

8. Proposed Bottom Hole Location

UL - Lot	P	Section	14	Township	19S	Range	28E	Lot Idn	P	Feet From	660	N/S Line	S	Feet From	330	E/W Line	E	County	Eddy
----------	---	---------	----	----------	-----	-------	-----	---------	---	-----------	-----	----------	---	-----------	-----	----------	---	--------	------

9. Pool Information

PALMILLO; BONE SPRING, SW	96413
---------------------------	-------

Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3447
16. Multiple N	17. Proposed Depth 11885	18. Formation Bone Spring	19. Contractor	20. Spud Date
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	375	
Int1	12.25	9.625	40	3000	740	
Prod	8.75	5	20	11885	1340	

Casing/Cement Program: Additional Comments

--

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	5000	2000	

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: Electronically filed by Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 7/30/2014	OIL CONSERVATION DIVISION Approved By: Randy Dade Title: District Supervisor Approved Date: 7/31/2014 Expiration Date: 7/31/2016 Conditions of Approval Attached
Phone: 432-818-1020	

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

DISTRICT I
103 N. 1st St., Santa Fe, NM 87501
Phone: (505) 393-4161 Fax: (505) 393-4720
DISTRICT II
811 S. First St., Santa Fe, NM 87501
Phone: (505) 393-4161 Fax: (505) 393-4720
DISTRICT III
1000 Rte. 66, Santa Fe, NM 87501
Phone: (505) 334-4178 Fax: (505) 334-4179
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3400 Fax: (505) 476-3402

DAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96413	Pool Name Palmillo; Bone Spring SW
Property Code	Property Name PALMILLO 14 STATE	Well Number 2H
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3447

Surface Location

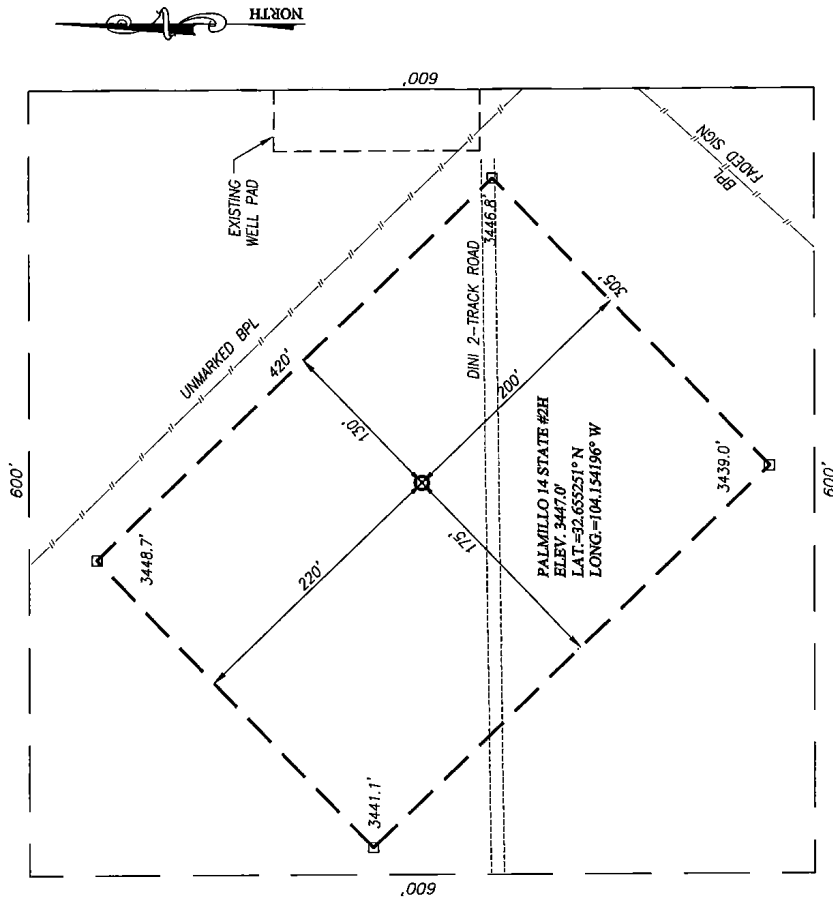
UL or lot No.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
M	14	19-S	28-E	660		SOUTH	330	WEST	EDDY

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
P	14	19-S	28-E	660		SOUTH	330	EAST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWANCE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or an undivided 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Michelle Cooper</u> Date: <u>7-30-14</u> Printed Name: <u>Michelle Cooper</u> E-mail Address: <u>michelle.cooper@apachecorp.com</u>		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was obtained 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>JULY 10, 2014</u> Signature of Professional Surveyor: <u>[Signature]</u> Professional Surveyor: <u>RONALD J. EDISON</u> New Mexico State Board of Surveyors 3239 Certification No. <u>10641</u> Expiration Date <u>3/31/15</u> LSL	
GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y = 602138.1 N X = 555133.2 E LAT = 32.655251° N LONG = 104.154196° W CORNER COORDINATES TABLE A - Y = 602795.1 N, X = 554804.7 E B - Y = 602836.2 N, X = 559998.5 E C - Y = 601515.5 N, X = 559995.6 E D - Y = 601475.8 N, X = 554801.8 E BOTTOM HOLE LOCATION Y = 602172.7 N X = 559667.1 E GRID AZ = 89°33'44" HORIZ. DIST. = 4535.2 LAT = 32°39'19" N LONG. = 104°09'15" W		Diagram	



NOTE:
1) SEE "LOCATION VERIFICATION MAP"
FOR PROPOSED ROAD LOCATION.

DIRECTIONS TO THE PALMILLO 14 STATE #2H:

FROM THE INTERSECTION OF US. HWY. 82 AND CR. 205 (ILLINOIS CAMP) GO SOUTH APPROX 6.4 MILES. TO CR. 235 TURN LEFT AND GO SOUTHEAST APPROX. 3.1 MILES TO CR. 246. TURN RIGHT AND GO SOUTHEAST ON CR. 246 APPROX. 2.0 MILES TURN RIGHT AND GO WEST AND GO 170' TO EAST PAD CORNER.



APACHE CORPORATION

PALMILLO 14 STATE #2H WELL
LOCATED 660 FEET FROM THE SOUTH LINE
AND 330 FEET FROM THE WEST LINE OF SECTION 14,
TOWNSHIP 19 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

Survey Date: 7/10/14	CAD Date: 7/17/14	Drawn By: LSL
W.O. No.: 14110722	Rev.:	Rel. W.O.:

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HORRES, N.M. 88240
(505) 582-3117 www.jwsurvey.com
TBP LSP# 10021000



© DRAFT

Sheet 1 of 1

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 APD Comments

Permit 189886

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42544
		Well: PALMILLO 14 STATE #002H
Created By CSHAPARD	Comment Land s/S	Comment Date 7/30/2014

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) 334-6178 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 APD Conditions

Permit 189886

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42544
		Well: PALMILLO 14 STATE #002H
OCD Reviewer	Condition	
CSHAPARD	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	