

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 189895

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 30-015-42548
5. Property Name PALMILLO 14 STATE		6. Well No. 003

7. Surface Location

UL - Lot	E	Section	14	Township	19S	Range	28E	Lot Idn	Feet From	1980	N/S Line	N	Feet From	245	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	H	Section	14	Township	19S	Range	28E	Lot Idn	H	Feet From	1980	N/S Line	N	Feet From	330	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 3458
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

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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: 8/1/2014 Expiration Date: 8/1/2016 Conditions of Approval Attached
Phone: 432-818-1020	

DISTRICT I
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (505) 334-6161 Fax: (505) 334-6170

DISTRICT III
1000 E. Central Ave., Santa Fe, NM 87510
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 96413	Pool Name Palmillo; Bone Springs SW
Property Code 310374	Property Name PALMILLO 14 STATE	Well Number 3H
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3458'

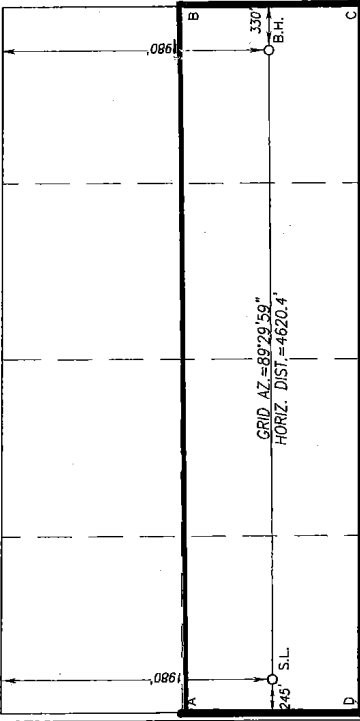
Surface Location

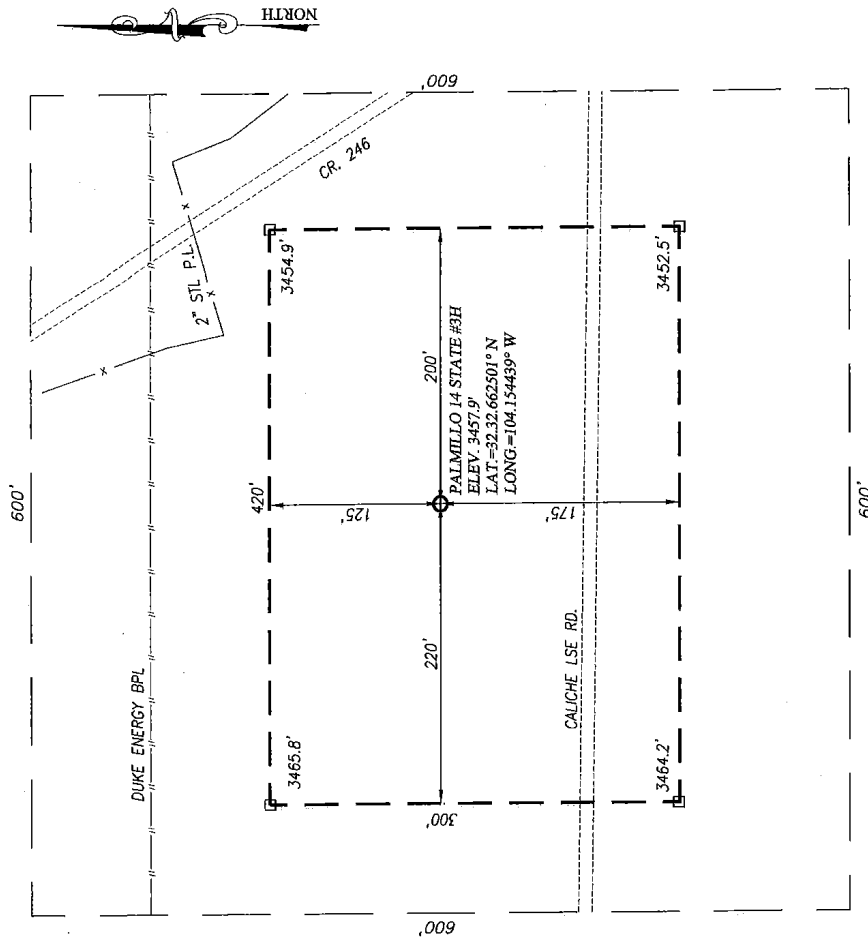
UL or lot No.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	East/West line	County
E	14	19-S	28-E		1980	NORTH	245 WEST	EDDY

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	East/West line	County
H	14	19-S	28-E		1980	NORTH	330 EAST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.					

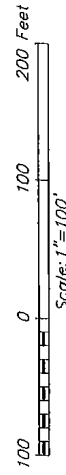
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that the original survey was made by a duly licensed and qualified surveyor, and that the survey was made in accordance with 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: Michelle Cooper Date: 7-30-14 Printed Name: Michelle Cooper E-mail Address: michelle.cooper@apachecorp.com					
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 604775.6 N X= 555003.9 E LAT.= 32.662501° N LONG.= 104.154439° W BOTTOM HOLE LOCATION Y= 604815.9 N X= 5559673.0 E CORNER COORDINATES TABLE <table><tr><td>A - Y= 605433.8 N, X= 554810.4 E</td></tr><tr><td>B - Y= 605477.7 N, X= 560004.5 E</td></tr><tr><td>C - Y= 604156.9 N, X= 560001.5 E</td></tr><tr><td>D - Y= 604114.4 N, X= 554607.5 E</td></tr></table>		A - Y= 605433.8 N, X= 554810.4 E	B - Y= 605477.7 N, X= 560004.5 E	C - Y= 604156.9 N, X= 560001.5 E	D - Y= 604114.4 N, X= 554607.5 E	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. JULY 10, 2014 Date of Survey: July 10, 2014 Signature: [Signature] Professional Surveyor: [Signature] NEW MEXICO 3239 JULY 10, 2014	
A - Y= 605433.8 N, X= 554810.4 E							
B - Y= 605477.7 N, X= 560004.5 E							
C - Y= 604156.9 N, X= 560001.5 E							
D - Y= 604114.4 N, X= 554607.5 E							



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

DIRECTIONS TO PALMILLO 14 STATE #3H:
FROM THE INTERSECTION OF U.S. HWY 82 AND CR. 206 (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. 1.5 MILES TO
THIS LOCATION.



APACHE CORPORATION

PALMILLO 14 STATE #3H WELL
LOCATED 1980 FEET FROM THE NORTH LINE
AND 245 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.: 14110723 Rev.: Rel. W.O.:

PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 995-3117 www.jwsc.biz
TBP/LSW 10021000



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Form APD Comments

Permit 189895

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42548
		Well: PALMILLO 14 STATE #003
Created By	Comment	Comment Date
CSHAPARD	Land s/S	7/31/2014

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Form APD Conditions

Permit 189895

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705		API Number: 30-015-42548
		Well: PALMILLO 14 STATE #003
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	