

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 C-101
August 1, 2011
Permit 175005

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 40176		3. API Number 30-025-41454
5. Property Name STATE C TRACT 12 COM		6. Well No. 001Y

7. Surface Location

UL - Lot D	Section 16	Township 21S	Range 37E	Lot Idn D	Feet From 330	N/S Line N	Feet From 380	E/W Line W	County Lea
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8. Proposed Bottom Hole Location

UL - Lot M	Section 16	Township 21S	Range 37E	Lot Idn M	Feet From 330	N/S Line S	Feet From 380	E/W Line W	County Lea
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9. Pool Information

WANTZ/ABO	62700
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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 3497
16. Multiple N	17. Proposed Depth 11900	18. Formation Abo	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	54.5	1305	980	
Int1	11	8.625	32	6000	1170	
Prod	7.875	5.5	20	11700	1000	

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	3000	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 Ed Martin Title: District Supervisor Email Address: ed.martin@state.nm.us Date: 10/15/2013	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 10/15/2013 Expiration Date: 10/15/2015 Conditions of Approval Attached
Phone: 505-476-3470	

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State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-25-	Pool Code 62700	Pool Name Wantz Abo
Property Code 23113	Property Name STATE "C" TRACT 12 COM	Well Number 1Y
GRID No. 873	Operator Name APACHE CORPORATION	Elevation 3497'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	16	21 S	37 E		330	NORTH	380	WEST	LEA

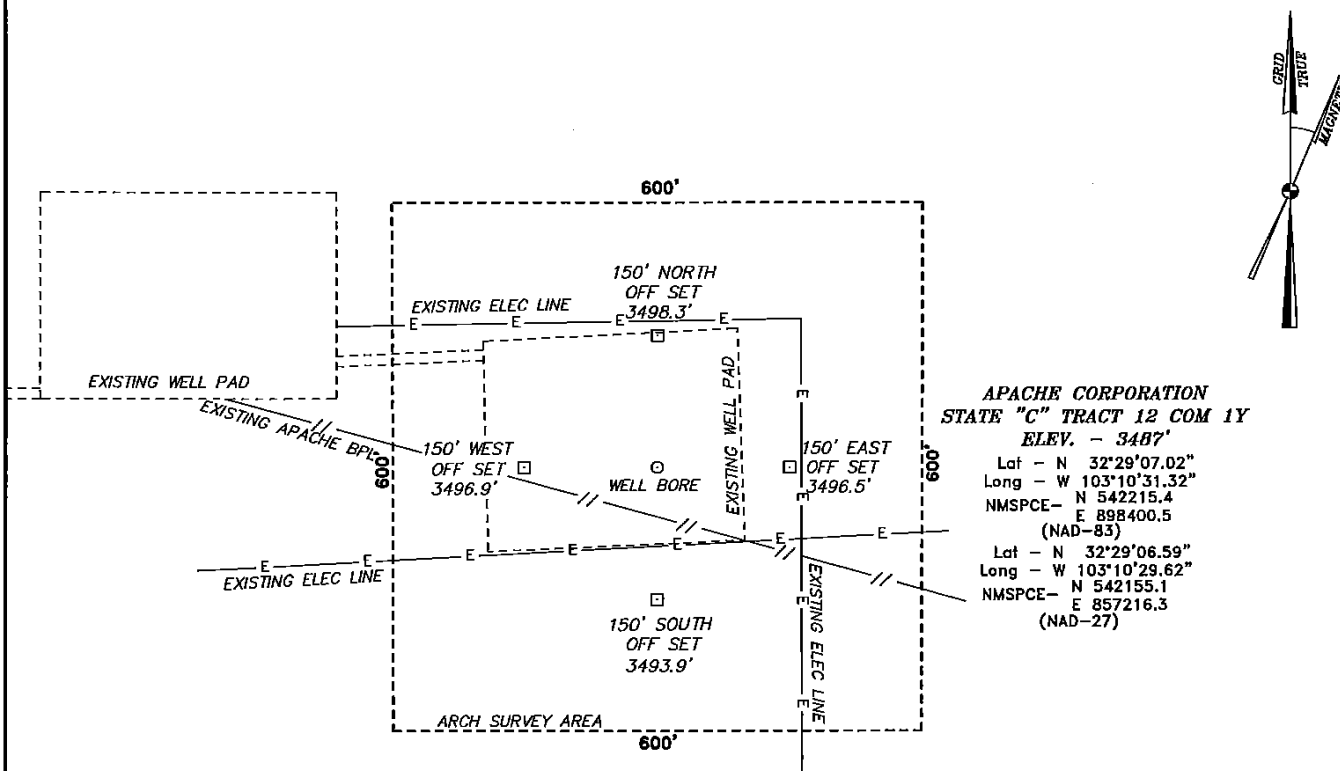
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	16	21 S	37 E		330	SOUTH	380	WEST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

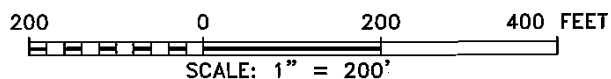
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	SURFACE LOCATION Lat - N 32.486176° Long - W 103.159463° NMSPC - N 542593.2 E 903301.0 (NAD-83) Lat - N 32.486055° Long - W 103.159922° NMSPC - N 542533.2 E 862116.8 (NAD-27)	AC Lat - N 32.486176° Long - W 103.159463° NMSPC - N 542593.2 E 903301.0 (NAD-83) Lat - N 32.486055° Long - W 103.159922° NMSPC - N 542533.2 E 862116.8 (NAD-27)	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. <u>Michelle Cooper</u> 10-14-13 Signature Date <u>Michelle Cooper</u> Printed Name <u>michelle.cooper@apachecorp.com</u> Email Address
BC Lat - N 32.478949° Long - W 103.176615° NMSPC - N 539905.0 E 898040.3 (NAD-83) Lat - N 32.478827° Long - W 103.176144° NMSPC - N 539845.7 E 856856.0 (NAD-27)	PROPOSED BOTTOM HOLE LOCATION Lat - N 32.472598° Long - W 103.175560° NMSPC - N 537599.5 E 898440.8 (NAD-83) Lat - N 32.472598° Long - W 103.175397° NMSPC - N 537539.3 E 857256.5 (NAD-27)	AC Lat - N 32.471686° Long - W 103.159503° NMSPC - N 537321.4 E 903346.5 (NAD-83) Lat - N 32.471585° Long - W 103.159033° NMSPC - N 537281.5 E 862162.2 (NAD-27)	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>Michelle Cooper</u> 10-14-13 Date Surveyed <u>Michelle Cooper</u> Signature <u>Michelle Cooper</u> Printed Name <u>michelle.cooper@apachecorp.com</u> Email Address

SECTION 16, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



EUNICE, NM IS ±3 MILES TO THE SOUTHEAST OF LOCATION.



Directions to Location:

FROM THE JUNCTION OF HILL AND TURNER, GO
SOUTH 0.5 MILES TURNING EAST 0.2 MILES TO
PROPOSED LOCATION.

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P.O. Box 1786
1120 N. West County Rd.
Hobbs, New Mexico 88241

(575) 393-7316 - Office
(575) 392-2206 - Fax
basinsurveys.com

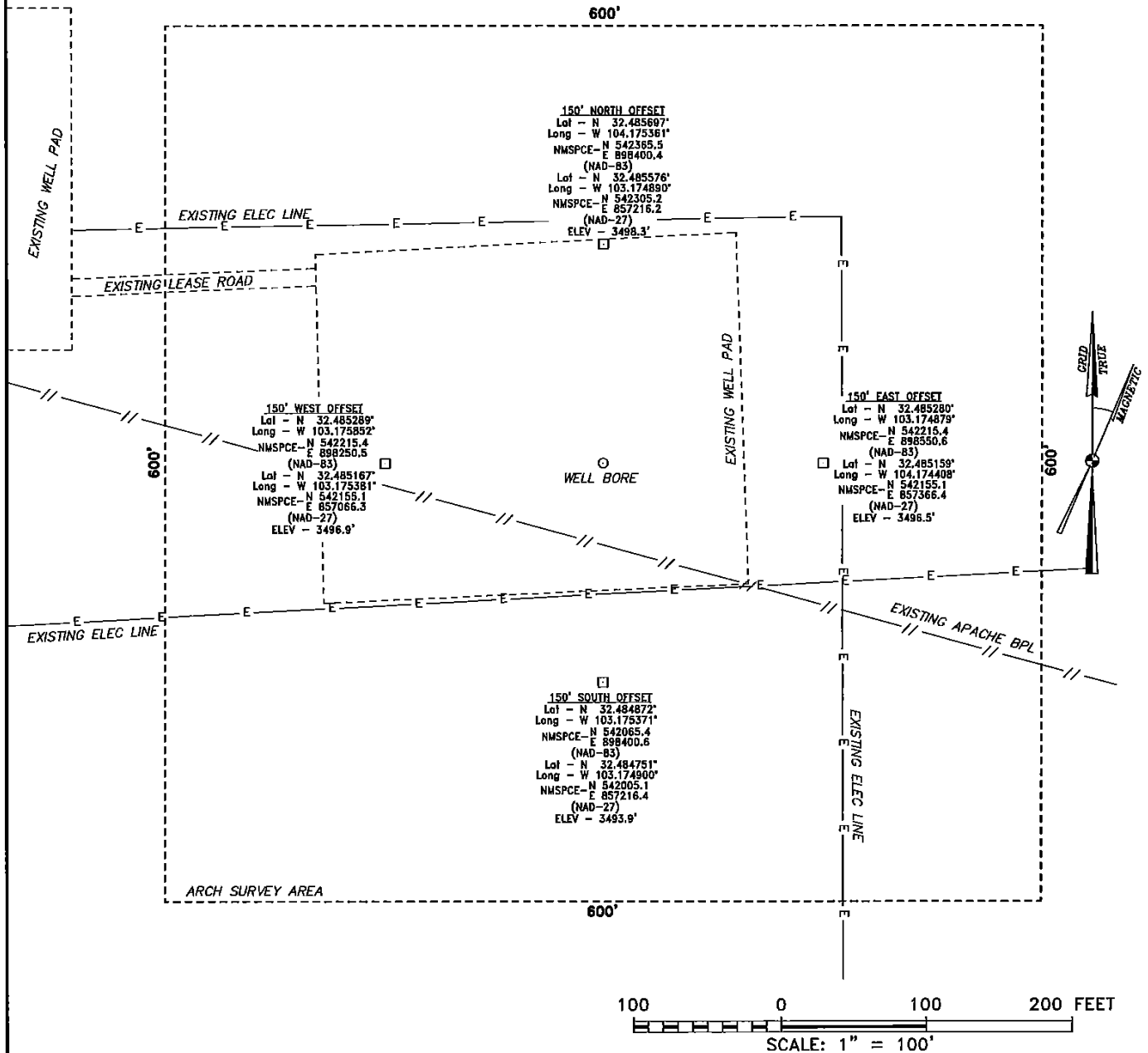
Apache
EXPLORING WHAT'S POSSIBLE

REF: STATE "C" TRACT 12 COM 1Y / WELL PAD TOPO

THE STATE "C" TRACT 12 COM 1Y LOCATED 330' FROM
THE NORTH LINE AND 380' FROM THE WEST LINE OF
SECTION 16, TOWNSHIP 21 SOUTH, RANGE 37 EAST,
N.M.P.M., LEA COUNTY, NEW MEXICO.

W.O. Number: 29549 | Drawn By: J. SMALL | Date: 10-11-2013 | Survey Date: 10-10-2013 | Sheet 1 of 1 Sheets

SECTION 16, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



Apache
EXPLORING WHAT'S POSSIBLE

REF: STATE "C" TRACT 12 COM 1Y / WELL PAD TOPO

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W.O. Number: 29549 | Drawn By: J. SMALL | Date: 08-09-2013 | Survey Date: 10-10-2013 | Sheet 1 of 1 Sheets

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Form APD Comments

Permit 175005

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-41454
	Well: STATE C TRACT 12 COM #001Y

Created By	Comment	Comment Date
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Santa Fe, NM 87505

Form APD Conditions

Permit 175005

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-41454
	Well: STATE C TRACT 12 COM #001Y

OCD Reviewer	Condition
pkautz	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
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water