<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

Phone:(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., Azteo, 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 190246

APPLICATION FOR PERMIT	TO DRILL, RE-ENTER, DEEPEN,	, PLUGBACK, OR ADD A ZONE
------------------------	-----------------------------	---------------------------

Operator Name and Address APACHE CORP		2. OGRID Number 873
303 Veterans Airpark Lane Midland, TX 79705	**************************************	3. API Number 30-025-42055
4. Property Code 306627	5. Property Name WARN STATE AC 2	6. Well No. 027

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn		N/S Line	Feet From	E/W Line	County
C	6	18S	35E		330	N	2310	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County			
С	6	18S	35E	C	330	N	2310	W	Lea			

9. Pool Information

VACUUM;UPPER PENN	62320
VACUUM;WOLFCAMP	62340
VACUUM:ABO REEF	61780

Additional Well Information

11. Work Type	12. Well Type	13. Cable/Rotary	14. Lease Type	15. Ground Level Elevation			
New Well	OIL		State	3972			
16. Multiple	17. Proposed Depth	18. Formation	19. Contractor	20. Spud Date			
Y	10700	Pennsylvanian	S*-160 CS*-141 FEB. 1	CONTROL OF THE PARTY OF THE PAR			
Depth to Ground water	20	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

Γ	Type	Hole Size	Casing Size Casing Weight/ft		Setting Depth	Sacks of Cement	Estimated TOC
Γ	Surf	17.5	13.375	54.5	1450	1000	
ſ	Int1	11	8.625	32	5540	1400	
Г	Prod	7 875	5.5	17	10700	1600	

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

	ZZ. I Toposcu Bio	Would revention rogium	
Type	Working Pressure	Test Pressure	Manufacturer
Hvdril	3000	2000	is a second of the second of t

knowledge and	I have complied with 19.15.14.9 (A)			OIL CONSI	ERVATION DIVISION		
Printed Name:	Electronically filed by Bobby Smit	h	Approved By:	Paul Kautz			
Title:			Title:	Geologist	412		
Email Address:	bobby.smith@apachecorp.com	.48	Approved Date: 8/19/2014 Expiration Date: 8/19/2016				
Date:	8/19/2014	Phone: 432-818-1020	Conditions of Approval Attached				

DISTRICT 1 1625 N. Freuch Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 DISTRICT II 811 S. Füst St., Artesia, NM 88210 Phone: (375) 748-1283 Fax: (575) 748-9720 DISTRICT III 1000 Rio Brazos Road, Aziec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

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

Property Code 306627

OGRID No.

873

API Number

30-025-

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

□AMENDED REPORT

Vacuum

27

Elevation

39721

Abo Reef Well Number

Pool Name

Vacuum Wolfcamp

WELL LOCATION AND ACREAGE DEDICATION PLAT 62320 61780 62340

WARN STATE AC 2

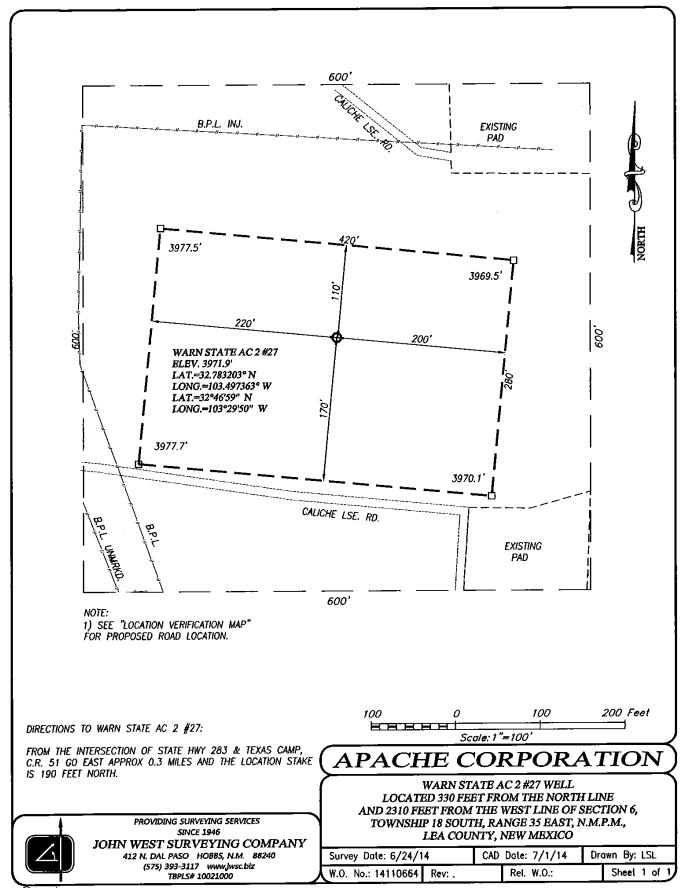
Operator Name

APACHE CORPORATION

Vacuum

Property Name

UL or fed No C 6 18-S 35-E Bottom Hole Location If Different From Surface UL or led No Section Township Range Led Idm Feel from the North/South line Feel from the North/South line Feel from the North/South line Feel from the Dedicated Acres Joint or Infill Commitdation Code Order No NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTE ALL DIFFERSTS HAVE BEEN CONSOLIDATED OR A NON STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION Jarrety entity that the information bernin it true and complete to the best of my two-ridge and belief, and that the constraint is a content with an onemo of such influence or working interest or supposed bottom held for the content or proposed bottom held for the content or proposed bottom held for the content or true and and the first of the content or true and complete to the best of my two-ridge and belief, and that the content is a content with the one of a supposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or an ordinary or working interest or proposed bottom held for the content or working interest or an ordinary or working interest or an ordinary or working interest or an ordinary or the formation of standard arrays make by my and or making any ordinary and the content of the content or proposed bottom held for the content or proposed bottom. The content of the content or proposed bottom in the formation or the formation of the formation or the formati						Surface Locat	iion					
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Form C-102 Revised August 1, 2011 Submit one copy to appropriate

□AMENDED REPORT

Vacuum

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Abo Reef Well Number

Pool Name

Vacuum Wolfcamp

WELL LOCATION AND ACREAGE DEDICATION PLAT 62320 61780 62340

WARN STATE AC 2

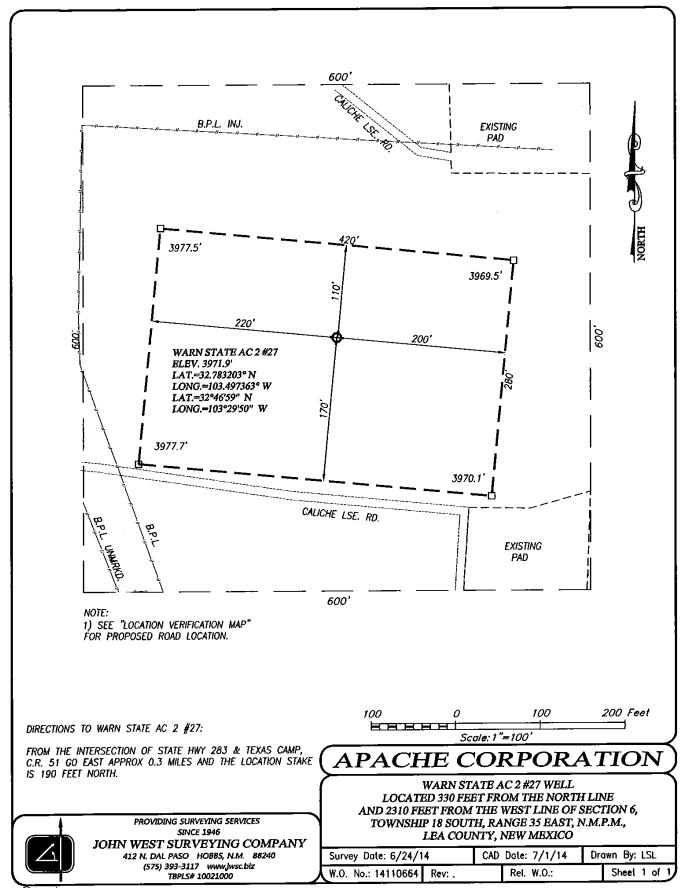
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Property Name

UL or fed No C 6 18-S 35-E Bottom Hole Location If Different From Surface UL or led No Section Township Range Led Idm Feel from the North/South line Feel from the North/South line Feel from the North/South line Feel from the Dedicated Acres Joint or Infill Commitdation Code Order No NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTE ALL DIFFERSTS HAVE BEEN CONSOLIDATED OR A NON STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION Jarrety entity that the information bernin it true and complete to the best of my two-ridge and belief, and that the constraint is a content with an onemo of such influence or working interest or supposed bottom held for the content or proposed bottom held for the content or proposed bottom held for the content or true and and the first of the content or true and complete to the best of my two-ridge and belief, and that the content is a content with the one of a supposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or proposed bottom held for the content or working interest or an ordinary or working interest or proposed bottom held for the content or working interest or an ordinary or working interest or an ordinary or working interest or an ordinary or the formation of standard arrays make by my and or making any ordinary and the content of the content or proposed bottom held for the content or proposed bottom. The content of the content or proposed bottom in the formation or the formation of the formation or the formati						Surface Locat	iion					
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DISTRICT 1 1625 N. Freuch Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 DISTRICT II 811 S. Füst St., Artesia, NM 88210 Phone: (375) 748-1283 Fax: (575) 748-9720 DISTRICT III 1000 Rio Brazos Road, Aziec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

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

Property Code 306627

OGRID No.

873

API Number

30-025-

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

□AMENDED REPORT

Vacuum

27

Elevation

39721

Abo Reef Well Number

Pool Name

Vacuum Wolfcamp

WELL LOCATION AND ACREAGE DEDICATION PLAT 62320 61780 62340

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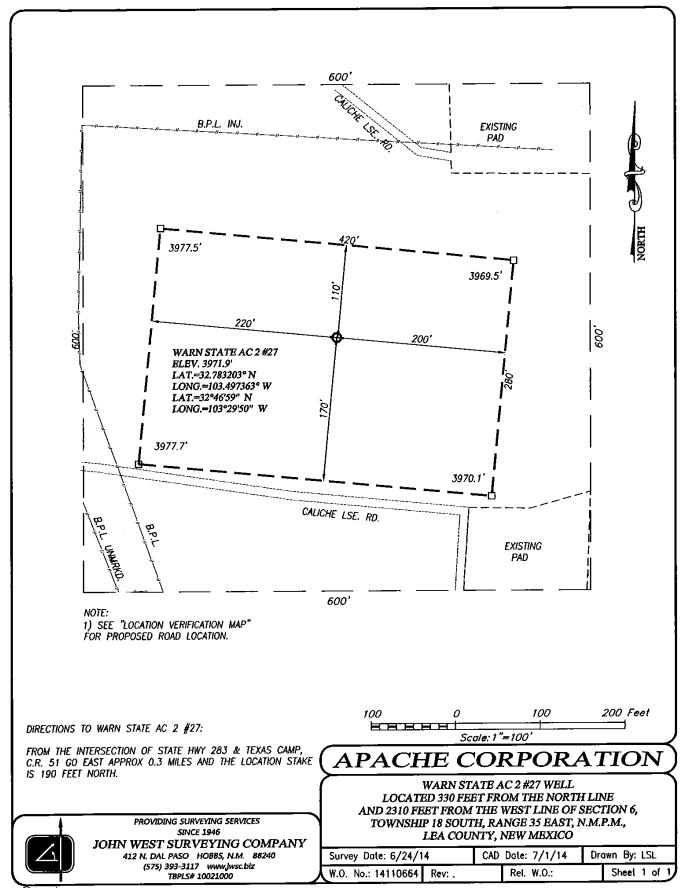
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Form APD Comments

Permit 190246

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

Phone:(575) 393-6161 Fax:(575) 393-0720 <u>District II</u> 311 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <u>District IV</u> 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

PERMIT COMMENTS

Operator Name and Address:	API Number:
APACHE CORP [873]	30-025-42055
303 Veterans Airpark Lane	Well:
Midland, TX 79705	WARN STATE AC 2 #027

Created By	Comment	Comment Date
pkautz	3/23/0	8/8/2014

Form APD Conditions

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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

Permit 190246

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:	API Number:	
APACHE CORP [873]	30-025-42055	
303 Veterans Airpark Lane	Well:	
Midland, TX 79705	WARN STATE AC 2 #027	

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	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	If cement does not circulate, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water