

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 191259

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 306627		3. API Number 30-025-42075
5. Property Name WARN STATE AC 2		6. Well No. 030

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	6	18S	35E		1675	N	1965	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
C	6	18S	35E	C	1310	N	1330	W	Lea

9. Pool Information

VACUUM;ABO REEF	61780
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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 3979
16. Multiple N	17. Proposed Depth 9300	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	1450	1000	
Int1	11	8.625	32	5540	1400	
Prod	7.875	5.5	20	9300	1400	

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: _____ Printed Name: Electronically filed by Bobby Smith Title: _____ Email Address: bobby.smith@apachecorp.com Date: 8/26/2014	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 8/26/2014 Expiration Date: 8/26/2016 Conditions of Approval Attached
Phone: 432-818-1020	

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DISTRICT IV
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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

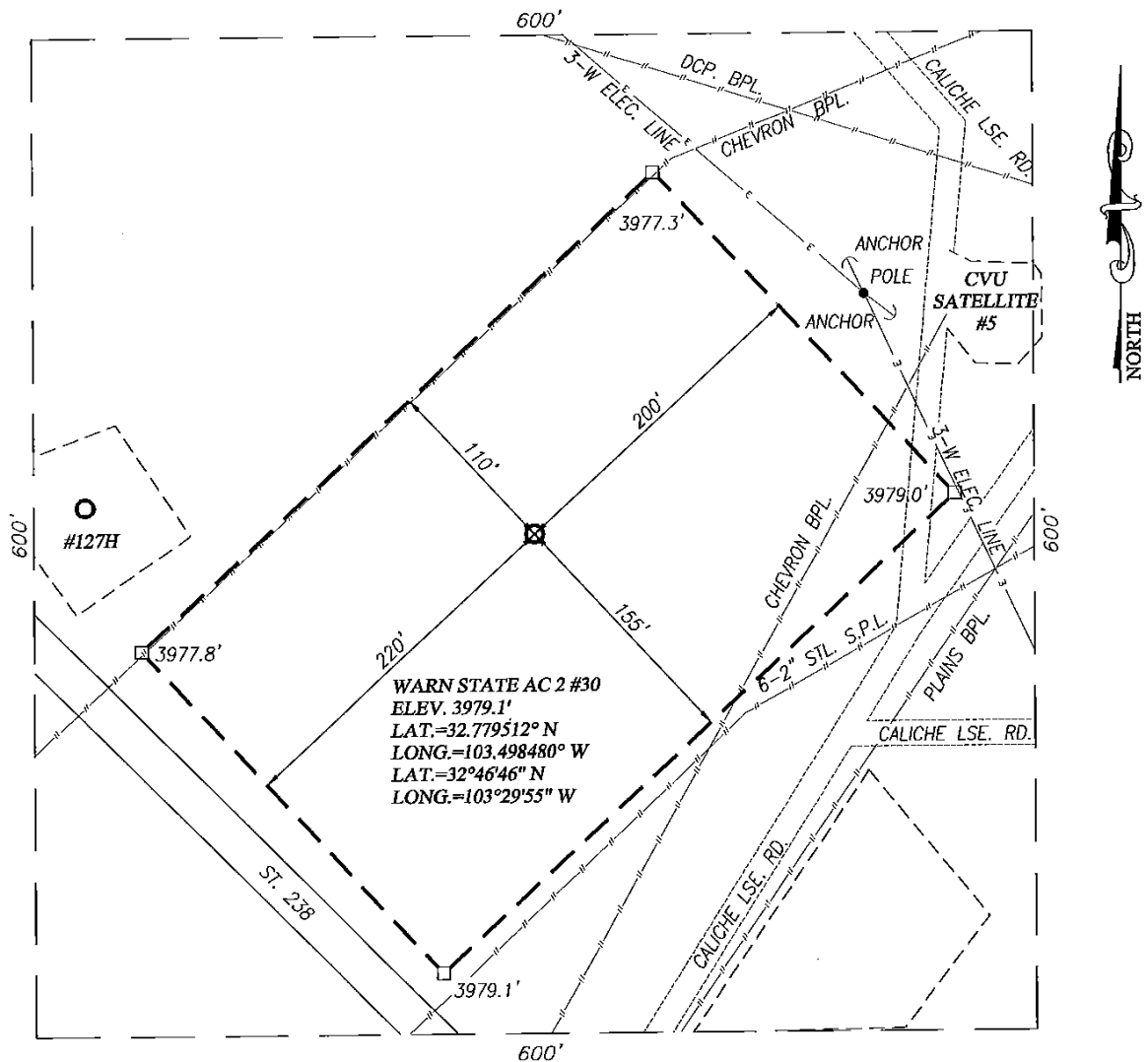
API Number 30-025		Pool Code 61780	Pool Name Vacuum ABO REEF
Property Code 306627	Property Name WARN STATE AC 2		Well Number 30
OGR/D No. 873	Operator Name APACHE CORPORATION		Elevation 3979'

Surface Location									
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	6	18-S	35-E		1675	NORTH	1965	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
C	6	18-S	35-E		1310	NORTH	1330	WEST	LEA
Dedicated Acres 80	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

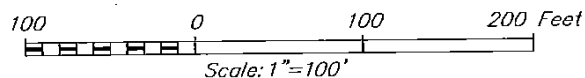
		<p>GRID AZ. = 299°39'47" HORIZ. DIST. = 734.7'</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y = 648309.5 N X = 756590.6 E</p> <p>LAT. = 32.779512° N LONG. = 103.498480° W</p> <p>LAT. = 32°46'46" N LONG. = 103°29'55" W</p> <p>BOTTOM HOLE LOCATION Y = 648673.0 N X = 755952.3 E</p>						
<p>CORNER COORDINATES TABLE</p> <table border="1"> <tr><td>A - Y = 649982.5 N, X = 755851.1 E</td></tr> <tr><td>B - Y = 649985.6 N, X = 757170.8 E</td></tr> <tr><td>C - Y = 648660.0 N, X = 757185.2 E</td></tr> <tr><td>D - Y = 648657.9 N, X = 755864.7 E</td></tr> <tr><td>E - Y = 647333.4 N, X = 755878.3 E</td></tr> <tr><td>F - Y = 647334.5 N, X = 757199.6 E</td></tr> </table>		A - Y = 649982.5 N, X = 755851.1 E	B - Y = 649985.6 N, X = 757170.8 E	C - Y = 648660.0 N, X = 757185.2 E	D - Y = 648657.9 N, X = 755864.7 E	E - Y = 647333.4 N, X = 755878.3 E	F - Y = 647334.5 N, X = 757199.6 E	<p>OPERATOR CERTIFICATION</p> <p>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 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Michelle Cooper</i> 8-20-14 Signature Date</p> <p><i>Michelle Cooper</i> Printed Name</p> <p><i>michelle.cooper@apachecorp.com</i> E-mail Address</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>AUGUST 11, 2014</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i></p> <p></p> <p>Certificate Number 12641 Ronald J. Eidson 3239</p> <p>LSL WSC W.O. 14.11.0667</p>
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F - Y = 647334.5 N, X = 757199.6 E								



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

DIRECTIONS TO WARN STATE AC 2 #30;

FROM THE INTERSECTION OF ST. HWY. 238 & L51 (TEXAS CAMP)
GO SOUTHEAST ON ST. HWY 238 APPROX. 0.35 MILES. WELL IS
258' EAST.



APACHE CORPORATION

WARN STATE AC 2 #30 WELL
LOCATED 1675 FEET FROM THE NORTH LINE
AND 1965 FEET FROM THE WEST LINE OF SECTION 6,
TOWNSHIP 18 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

Survey Date: 08/11/14

CAD Date: 08/18/14

Drawn By: LSL

W.O. No.: 14110667

Rev: .

Rel. W.O.:

Sheet 1 of 1

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Form APD Comments

Permit 191259

PERMIT COMMENTS

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-42075
	Well: WARN STATE AC 2 #030

Created By	Comment	Comment Date
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Form APD Conditions

Permit 191259

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: APACHE CORP [873] 303 Veterans Airpark Lane Midland, TX 79705	API Number: 30-025-42075
	Well: WARN STATE AC 2 #030

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	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
DMULL	Will require a administrative order for non-standard location prior to placing the well on production.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, 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