

# REQUEST FOR ADMINISTRATIVE APPROVAL APACHE CORPORATION'S WARN STATE AC 2 #27

SHL: 330' FNL & 2310' FWL BHL: 277' FNL & 1902' FWL

SECTION 6, T. 18 S., R. 35 E., LEA COUNTY, NM

API 30-025-42055 AS DRILLED

I. This existing oil well is on NM State Land Office surface and oil and gas lease B0-1113-0001 (310.16 acres) that comprises the SENW, E2SW4, and Lots 3-7 of Section 6. The well is nonstandard (too far north and east) for the Vacuum; Abo reef (61780), Vacuum; Wolfcamp (62340), and Vacuum; Upper Penn (62320) due to a road (south) and buried pipelines (west) among other features (see EXHIBIT A). In addition, Section 6 is smaller (630.16 acres) than normal (640 acres). Apache requests a nonstandard location due to land uses. Perforation (take) points for each zone are:

ZONE	FIRST TAKE POINT	LAST TAKE POINT	ACRES	AREA DEDICATED
Abo	320.1 FNL & 2123.7 FWL	312.9 FNL & 2082.3 FWL	40	NENW
Wolfcamp	302 FNL & 2007.4 FWL	288.4 FNL & 1956.4 FWL	77.43	Lot 1 & NENW
Upper Penn*	288 FNL & 1954.5 FWL	279.2 FNL & 1916.9 FWL	77.43	Lot 1 & NENW

<sup>\*</sup>Upper Penn is the only zone completed to date. It will be tested for 3 months before moving up hole.

There are two plugged and abandoned wells, 3 Chevron oil wells, 3 Chevron injection wells, 1 State Land Office business site lease, 2 State water leases, 12 State Land Office rights-of-way, and ancillary roads, pipelines, and power lines in the NENW Section 6. The Chevron wells operate in the Vacuum; Glorieta and Vacuum; Grayburg-San Andres pools.

A standard location for the Abo must be  $\geq 330$ ' from the boundary of the quarter-quarter. In this case, the perforations will be 320.1' to 312.9' from the north side of NENW. Thus, the perforations will be 9.9' to 17.1 too far north.

A standard location for the Wolfcamp and Upper Penn must be within 200' of the center of the quarter section according to R-2422 and R-2697 respectively. The center of this smaller (154.94 acres) than normal (160 acres) "quarter section" is 1320 FNL & 1277.1 to 1280.4 FWL. The 1897 General Land Office plat shows the north line of Section 6 as 78.70 chains (= 5194.2') long. Surveyors found in 2014 that the north line of Section 6 is actually 5200.8' long. For the sake of simplicity, the two north lengths will be split and 1320 FNL & 1279 FWL will be used as the center of the "quarter section".

Thus, the Wolfcamp perforations will be 1234' to 1251' northeast from the center of the "quarter section". The first perforation will be 818' too far north and 528.4' too far east.

Thus, the Upper Penn perforations are 947' to 958' northeast from the center of the "quarter section". The first perforation is 832' too far north and 475.5' too far east.

II. Forms C-102 showing the well and 40 acre (Abo) and 77.43 acre (Wolfcamp and Upper Penn) dedications are attached as Exhibit B.

Exhibit C shows the lease boundaries and existing Abo, Wolfcamp, and Upper Penn acreage dedications. The well is too far north and east.

- III. Lease boundaries (all State) are shown on EXHIBIT C. The well encroaches to the north, northeast, and east. There are no Abo wells to the north, northeast, or east. There are no Wolfcamp or Upper Penn wells immediately to the north, northeast, or east. This information is current and correct.
- IV. Exhibit C shows the proposed well, existing dedications, and leases.
- V. Archaeology is not an issue.
- VI. Surface obstructions and the need to prevent waste and recover additional reserves drives the need for this nonstandard location. One well bore tapping three zones in a low price environment will recover additional reserves and prevent waste by defraying fixed costs among 3 zones.



VII. Apache does not believe directional drilling to a standard location is cost effective for this project as it would require two wells. The Abo drilling window does not overly the Wolfcamp and Upper Penn drilling windows.

VIII. I hereby attest that I, on or before the date that the application was submitted to the division, sent notification to the affected persons (see EXHIBIT D) by certified mail, return receipt requested, advising them that if they have an objection it must be filed in writing within 20 days from the date the division receives the application. These affected persons have working or royalty interests in the "quarter-quarters" that border the 40-acre and 77.43 spacing units. Said notice was sent to:

NM State Land Office Chevron ConocoPhillips Marathon Occidental 3-17-15 Brian Wood, Consultant Date ) SS:

STATE OF NEW MEXICO COUNTY OF SANTA FE

The foregoing instrument was acknowledged before me this 17th day of March,

2015 by Brees Wood of the seal. IEANETTE REISENBURG

**Notary Public** 

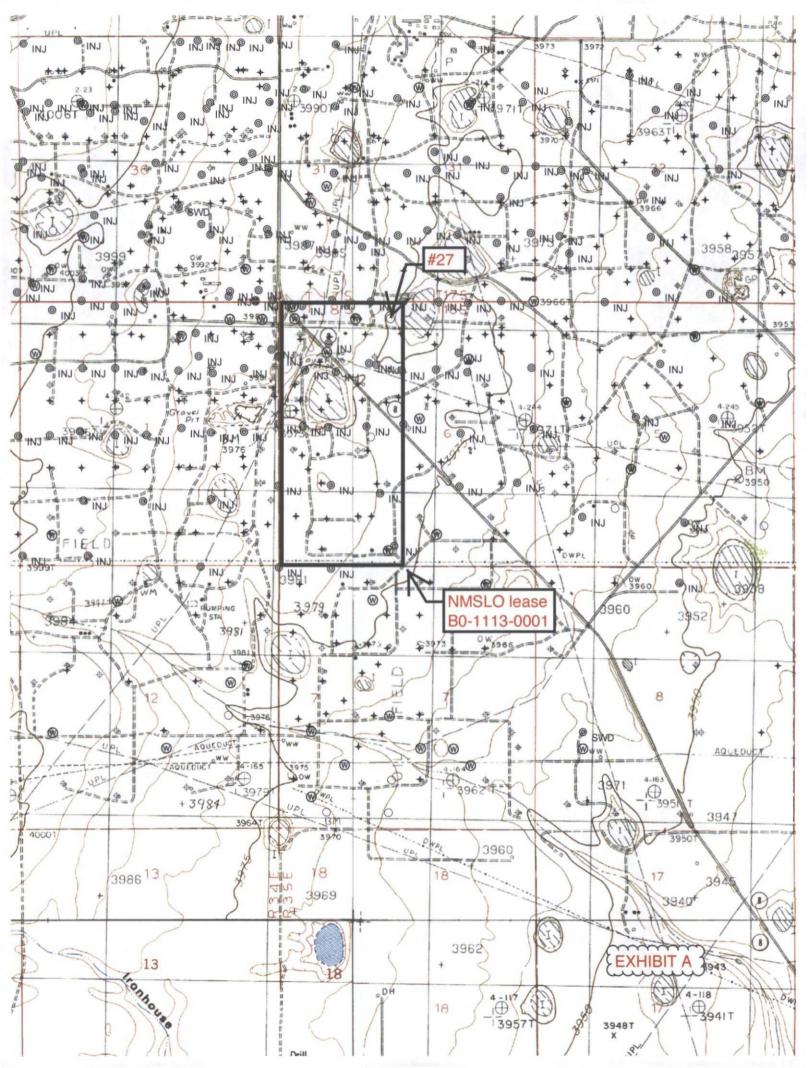
My Commission Expires: .

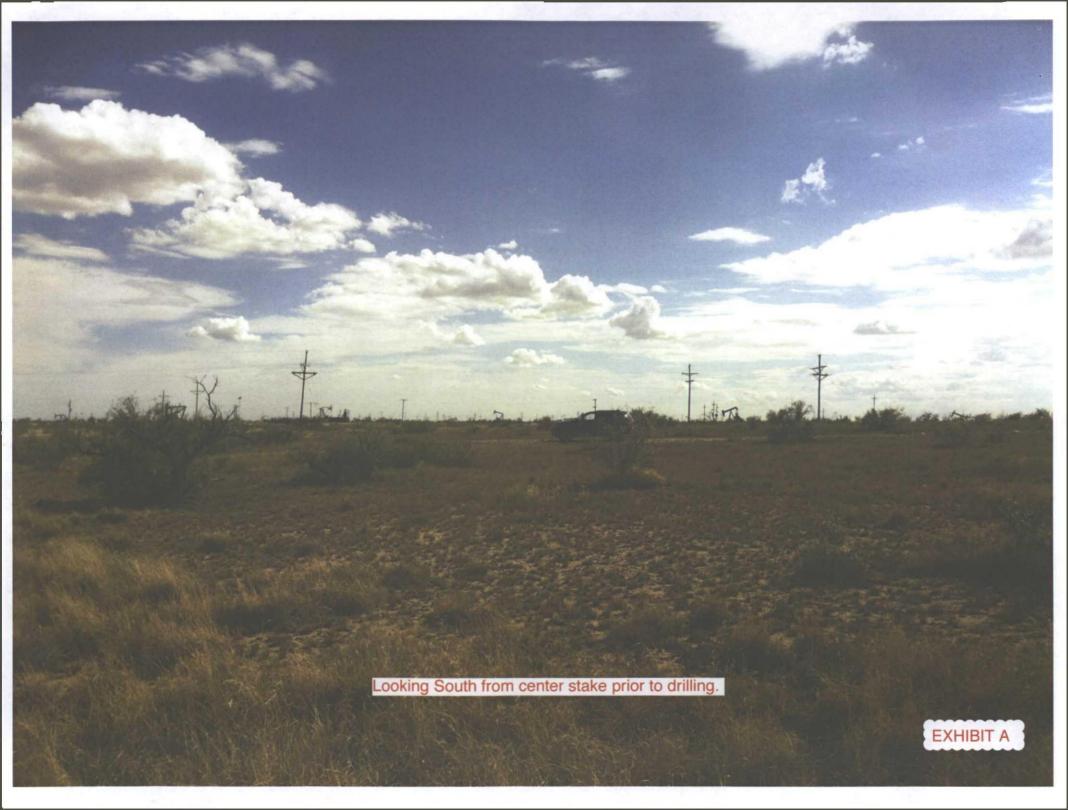
Business Address: 37 Verano Loop, Santa Fe NM 87508

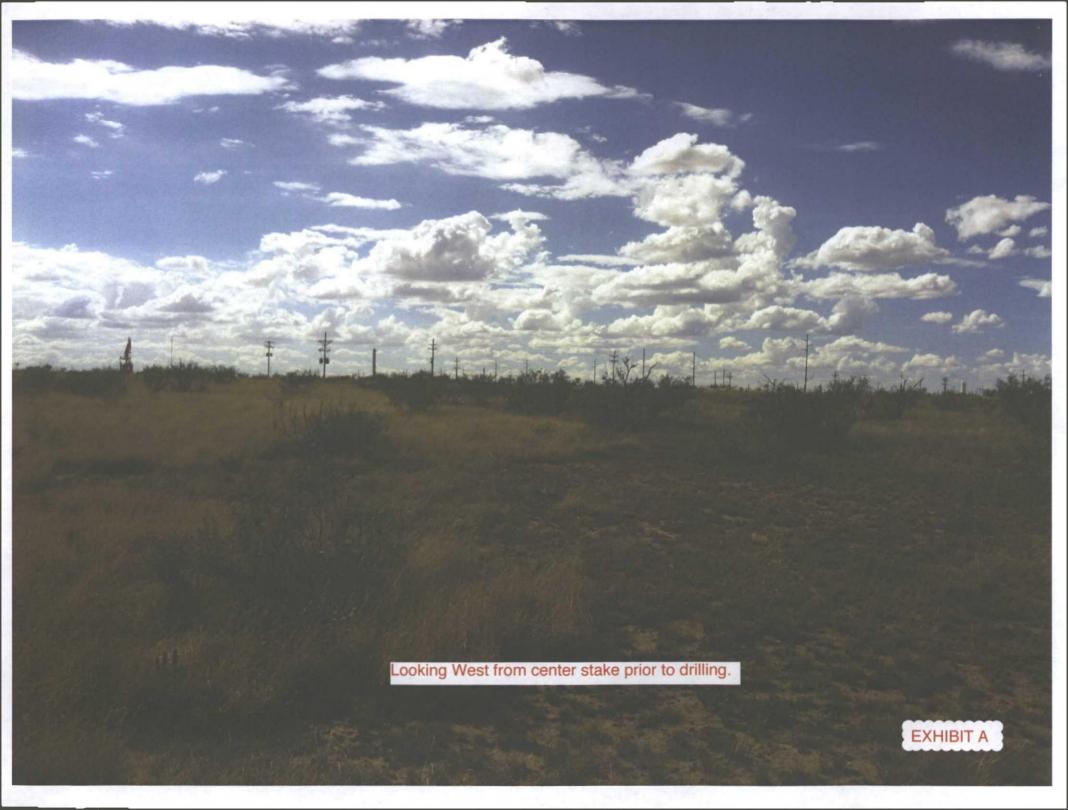
8/7/2017

cc: Cooper









NSL

PMAM1507745831

ABOVE THIS LINE FOR DIVISION USE ONLY

## **NEW MEXICO OIL CONSERVATION DIVISION**

- Engineering Bureau -1220 South St. Francis Drive, Santa Fe, NM 87505



# **ADMINISTRATIVE APPLICATION CHECKLIST**

	[DHC-Dow [PC-Po	ool Commingling] [OLS - Off-Lease S	mmingling] [PLC-Pool/Lease C torage] [OLM-Off-Lease Meas Pressure Maintenance Expansio Injection Pressure Increase]	Commingling] urement] on]
[1]	TYPE OF AI	PPLICATION - Check Those Which Ap Location - Spacing Unit - Simultaneou X NSL NSP SD	phry rot [A]	i
	Checl [B]	COne Only for [B] or [C] Commingling - Storage - Measuremer DHC CTB PLC	Upper Penn)	<u>Pool</u>
	[C]	Injection - Disposal - Pressure Increas WFX PMX SWD		-Vacyya upper pen
	[D]	Other: Specify		<b>→</b> ( )
[2]	NOTIFICAT [A]	YION REQUIRED TO: - Check Those X  Working, Royalty or Overriding	11 4	
	[B]	X Offset Operators, Leaseholders of	r Surface Owner	)
	[C]	Application is One Which Requir	res Published Legal Notice	y Ō
	[D]	X <u>Notification</u> and/or Concurrent A U.S. Bureau of Land Management - Commissioner	pproval by BLM or <u>\$LO</u> of Public Lands, State Land Office	-Vacyum WOLFER
	[E]	X For all of the above, Proof of Not	ification or Publication is Attach	ed, and/or,
	[F]	☐ Waivers are Attached		
[3]		CURATE AND COMPLETE INFOR	MATION REQUIRED TO PR	OCESS THE TYPE
	val is <mark>accurate</mark> a	TION: I hereby certify that the information complete to the best of my knowledgequired information and notifications are	e. I also understand that no action	
	Note	: Statement must be completed by an individua	al with managerial and/or supervisory o	apacity.
Bria	n Wood	Bukizh	Consultant	3-18-15
Print o	or Type Name	Signature	Title	Date
			brian@permitswes	st.com
			e-mail Address	

DISTRICT 1
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
1600 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

20 S. St. Francis Dr., Santa Fe, NM 87505 one: (505) 476-3460 Fax: (505) 476-3462

A PI Number

DISTRICT IV 1220 S. St. Fra

40

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

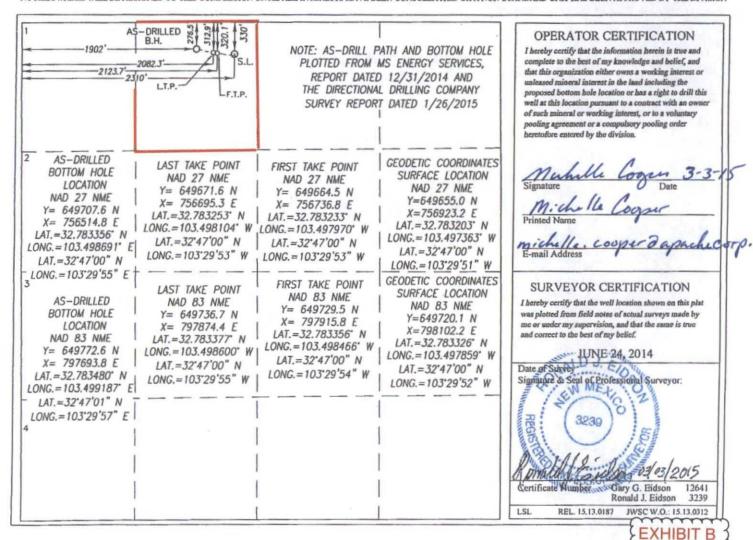
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

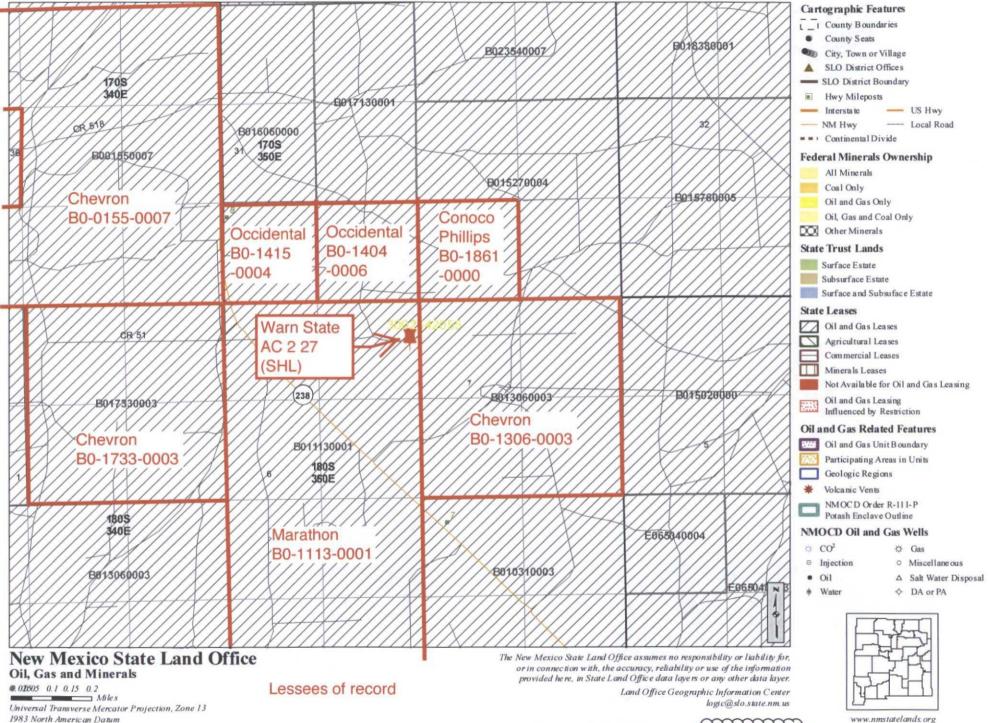
X AMENDED REPORT (dedication outlined)

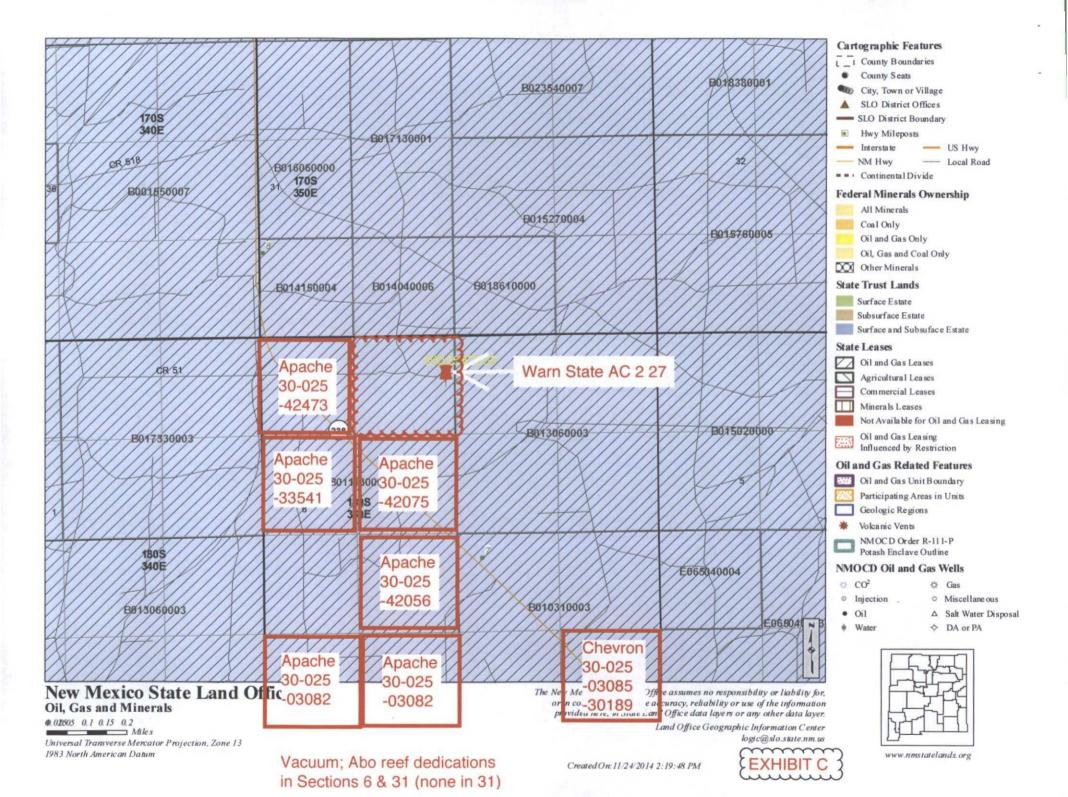
### WELL LOCATION AND ACREAGE DEDICATION PLAT

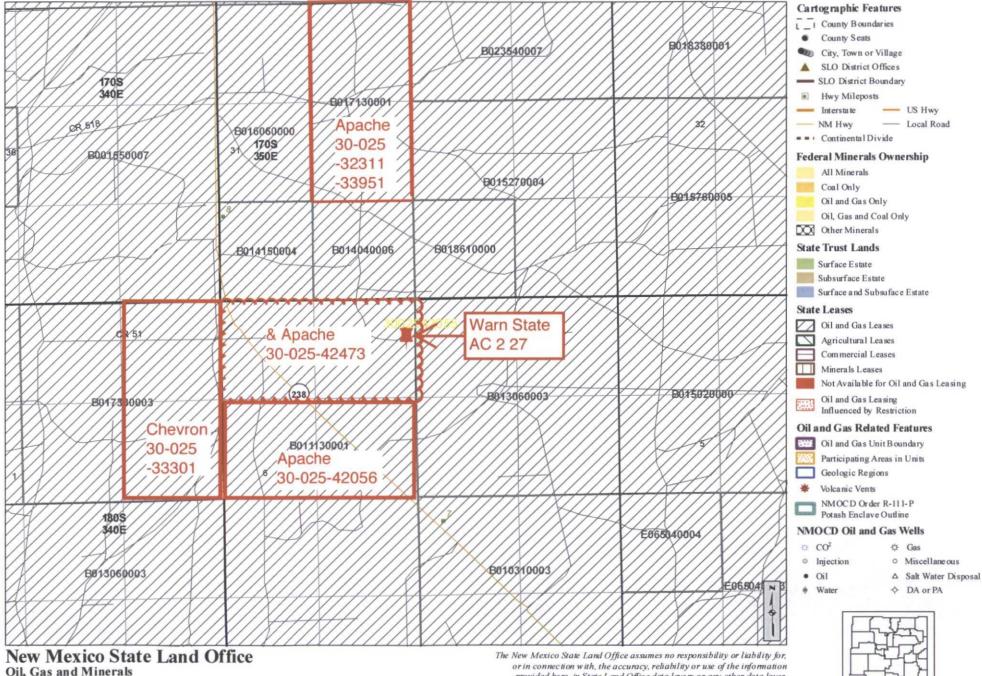
30-025-42055			617	80	ABO				
Property Code 306627		Property Name WARN STATE AC 2				Well Numi 27			
OGRID No. 873				Operator Name APACHE CORPORATION				Elevation 3972'	
					Surface Locat	ion			
UL or lot No.	Section 6	Township 18-S	Range 35-E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 2310	East/West line WEST	County
			AS-DR	ILLED Botto	om Hole Location	If Different From St	ırface		
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		277	NORTH	1902	WEST	LEA
Dedicated Acres	Joint or	Infill Co	nsolidation Co	ode Orde	er 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









www.nmstatelands.org

Vacuum; Wolfcamp dedications in Sections 1, 6, & 31

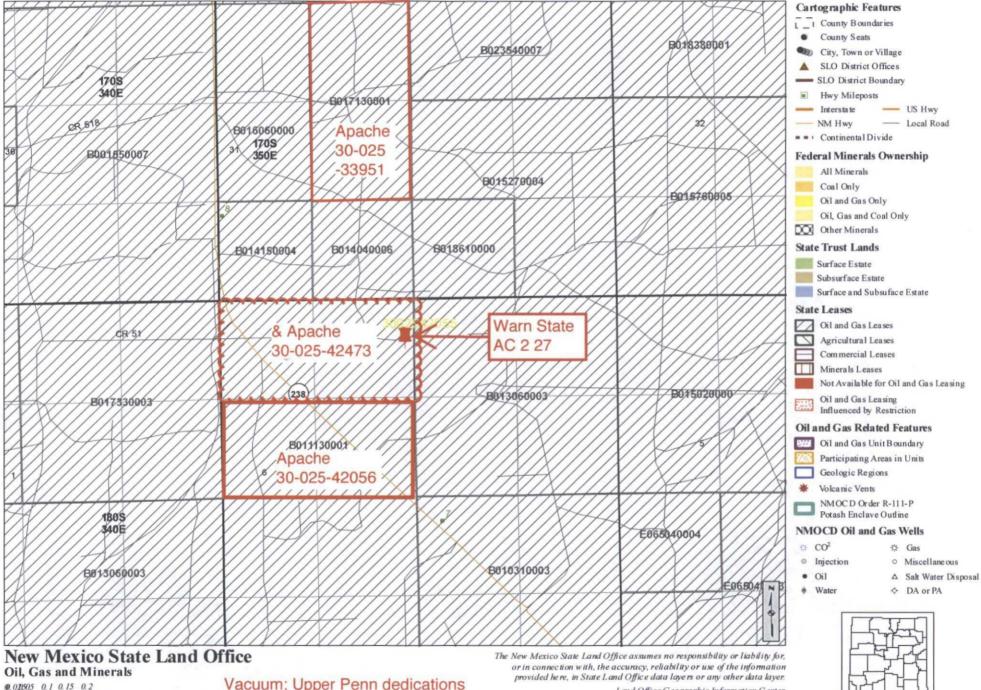
(D. 020505 0.1 0.15 0.2

1983 North American Datum

Universal Transverse Mercator Projection, Zone 13

Land Office Geographic Information Center logic@slo.state.nm.us

provided here, in State Land Office data layers or any other data layer.



www.nmstatelands.org

Land Office Geographic Information Center logic@slo.state.nm.us

Universal Transverse Mercator Projection, Zone 13 1983 North American Datum

Vacuum; Upper Penn dedications in Sections 6 & 31



March 17, 2015

NM State Land Office P. O. Box 1148 Santa Fe NM 87504

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following nonstandard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

Apache Corporation is applying for NSL approval for its Warn State AC 2 #27 oil well. The well is too far north and east of the drilling windows (see attached application). Thus, it is a nonstandard location.

Well Name: Warn State AC 2 #27 ID: 10,700'

Proposed NSL Zones: Vacuum; Abo reef, Vacuum; Wolfcamp, & Vacuum; Upper Penn

NSL Dedication: Abo: Lot 3 (= 40 acres), Wolfcamp & Upper Penn: Lots 3 & 4 (= 77.43 acres)

Section 6, T. 18 S., R. 35 E., Lea County, NM on NMSLO lease BO-1113-0001

Location: 1 air miles southeast of Buckeye, NM at 330 FNL & 2310 FWL 6-18s-35e NMPM

Applicant Name: Apache Corporation (432) 818-1167

Applicant's Address: 303 Veterans Airpark Lane, Suite 300, Midland TX 79705

<u>Submittal Information</u>: Application for a nonstandard location will be filed with the NM Oil Conservation Division (NMOCD). If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD receives the application. The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa Fe, NM 87505. Their phone number is (505) 476-3440.

Please discard the November and February applications. This replaces those applications.

Please call me if you have any questions.

U.S. Postal Service 5847 20 <u>+</u> Postage MAR 18 2015 0000 Certified Fee Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) 1010 87557 Total Postage & Fees | \$ Sent To 1012 Street, Apt. No.: or PO Box No. City, State, ZIP+4 PS Form 3800, August 2006

Sincerely,

Brian Wood

EXHIBIT D

March 17, 2015

ConocoPhillips Company 3401 E. 30th St. Farmington NM 87402

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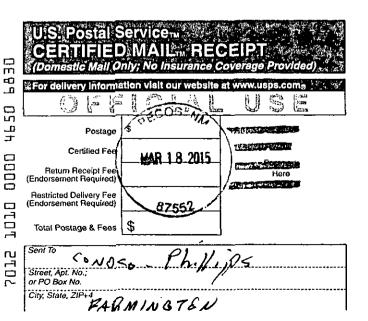
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Sincerely,

Brian Wood





March 17, 2015

Daniel Pequeno Chevron USA Inc. 15 Smith Road, Room 2235 Midland TX 79705

Dear Daniel,

As required by New Mexico Oil Conservation Division Rules, I am notifying you of the following nonstandard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

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Please call me if you have any questions.

Sincerely.

RUCCE

Brian Wood





March 17, 2015

Occidental Permian Ltd. P. O. Box 4294 Houston TX 77210

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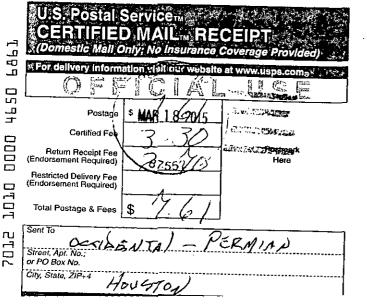
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1 2 }

Brian Wood





March 17, 2015

Marathon Oil Co. P. O. Box 2069 Houston TX 77252-2069

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Please call me if you have any questions.

Sincerely, S

Brian Wood





North America Exploration and Production Company 15 Smith Road, RM-2235 Midland, Texas 79705 Tel 432 687 7461 Fax 432 687 7871 peqd@chevron.com

May 4, 2015

David Catanach, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: FINAL NOTICE OF CHEVRON'S OBJECTION TO ADMINISTRATIVE APPROVAL OF APACHE CORPORATION WARN STATE AC 2 #27 (API #30-025-42055) SHL: 330' FNL & 2,310' FWL – BHL: 330" FNL & 2,226" FWL OF SECTION 6, T-18-S, R-35-E, LEA COUNTY, NEW MEXICO

Dear Mr. Catanach,

Chevron U.S.A. Inc. ("Chevron") and Apache Corporation's ("Apache") have reached an agreement for the Warn State AC 2 #27 Non-Standard Location Applications and Permits filed with the New Mexico Oil Conservation Division. Apache has agreed to plug the Penn Formation and set bridge plugs; withdraw the NSL for the Wolfcamp Formation; to recomplete in the Abo Formation and produce from the Abo Formation only; and submit a Sundry limiting the production for the well to the Abo Formation.

As a result of Apache's agreement as listed above, Chevron hereby withdraws its objection for the Warn State AC 2 #27.

If you have any technical questions, you may contact Mr. Scott Ingram at (432) 687-7212 or the undersigned for any land related question at (432) 687-7461.

Daniel Pequent

by truly yours,



North America Exploration and Production Company 15 Smith Road, RM-2235 Midland, Texas 79705 Tel 432 687 7461 Fax 432 687 7871 peqd@chevron.com

March 25, 2015

David Catanach, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: THIRD NOTICE OF CHEVRON'S OBJECTION TO ADMINISTRATIVE APPROVAL OF APACHE CORPORATION WARN STATE AC 2 #27 (API #30-025-42055) SHL: 330' FNL & 2,310' FWL – BHL: 330" FNL & 2,226" FWL OF SECTION 6, T-18-S, R-35-E, LEA COUNTY, NEW MEXICO

Dear Mr. Catanach,

Chevron U.S.A. Inc. ("Chevron") has again reviewed Apache Corporation's ("Apache") - Warn State AC 2 #27 NSL Application dated March 17, 2015 and hereby objects to the proposed NSL Application. Chevron filed two (2) prior objections to Apache's Application on December 15, 2014 and March 11, 2015. We find it interesting how some details keep changing on the latest Application, but more interesting is the fact that **Apache has already drilled the well**. According to the filings that have been made with the New Mexico Oil Conservation Division, the Warn State AC 2 #27 spudded in December 16, 2014, reached TD on January 8, 2015 and was completed on March 4, 2015, all without the benefit of an approved NSL Permit.

As we have stated in our prior objections, we suspect that a completion in any of the three reservoirs referenced in the NSL Application would result in reserve drainage from Chevron's New Mexico State "R" (NCT-1) lease in the NE/4 of said Section 6.

If you have any technical questions, you may contact Mr. Scott Ingram at (432) 687-7212 or the undersigned for any land related question at (432) 687-7461.

Very truly yours,

Page 1 of 1



Daniel Pequeno, CPL/ESA Senior Land Representative

RECEIVED OCD

2015 MAY -8 P 3: 10

North America Exploration and Production Company 15 Smith Road, RM-2235 Midland, Texas 79705 Tel 432 687 7461 Fax 432 687 7871 peqd@chevron.com

May 4, 2015

David Catanach, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

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· ... / . . / . . /

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