					Revised March 23, 2017
RECEIVED: 3/12/2018	REVIEWER:	TYPE:	nsi	APP NO: PLEL	1807245171
, , , , ,	NEW MEXICO - Geologic 220 South St. Fro	O OIL CON al & Engine ancis Drive,	SERVATION eering Bure Santa Fe,	N DIVISION eau – NM 87505	
		. ADMINISTRATIVE	APPLICATIONS F	OR EXCEPTIONS	TO DIVISION RULES AND A FE
Applicant: Apache Corporation					RID Number: 873
Well Name: Palmillo 14 15 S					30-015-44669
Pool: Palmillo; Bone Spring, SV	/			Pool	Code: <u>22900</u>
1) TYPE OF APPLICATION A. Location – Space	I: Check those v	INDICATED which apply aneous Ded	for [A]		THE TYPE OF APPLICATION ASL 7652
	for [1] or [11] g – Storage – Me	C \square PC re Increase -		□OLM d Oil Recov □PPR	
E. Notification of Surface own	ors or lease hold riding royalty ow equires published and/or concurred and/or concurred er above, proof of	ders vners, revent d notice nt approval nt approval	by SLO by BLM	tion is attac	FOR OCD ONLY Notice Complete Application Content Complete Ched, and/or,
3) CERTIFICATION: I here administrative approunderstand that no a notifications are subn	val is accurate a ction will be take	nd complet en on this ap	e to the be	est of my kn	• •
Note: Stater	nent must be complete	ed by an individ	ual with manag	erial and/or su	pervisory capacity.
				12-18	
Brian Wood			DC	ate	
Print or Type Name	\sim			05 466-8120 none Number	r
			b	rian@permitsv	vest.com

Signature

e-mail Address



REQUEST FOR ADMINISTRATIVE APPROVAL NONSTANDARD LOCATION APACHE CORPORATION'S PALMILLO 14 15 STATE COM 208H SHL: 430' FNL & 470' FWL SEC. 14 FTP: 431' FNL & 100' FEL SEC. 15 LTP & BHL: 430' FSL & 100' FWL SEC. 15 T. 19 S., R. 28 E., EDDY COUNTY, NM

API 30-015-44669

I. This proposed Palmillo; Bone Spring, SW (96413) oil well (2nd Bone Spring sand) is on NM State Land Office (NMSLO) surface and NMSLO leases. Dedication is the 160 acres comprising the N2N2 15-19s-28e. Dedication is composed of 2 communitized NMSLO leases: 120 acre lease E0-5003-0005 and 9,166.42 acre lease X0-0648-0150. All surrounding leases are NMSLO leases (Exhibit A).

FTP is 100' and 431' from the closest dedication boundaries and 100' from the closest lease boundary. LTP is 100' and 430' from the closest dedication boundaries and 100' from the closest lease boundary. Exhibit B shows the lease boundaries as black dashed lines.

Apache requests a nonstandard location due to its goal of maximizing recovery and due to land uses, surface and subsurface, that makes wellbore geometry difficult. There are 2 pipeline rights-of-way (Enterprise crude oil line & DCP gas line), 2 CVE power line right-of-way, 1 county road right-of-way, 2 oil wells, frac pond, and on-lease non-right-of-way lines associated with Stephens & Johnson's East Millman Unit waterflood in D-14-19s-28e (see Exhibits C and D).

A standard location must be at least 330' from the dedication boundary. The take points are as close as 100' to the east and west dedication boundaries (see C-102 as EXHIBIT E). This places the take points 230' outside the standard drilling window. They are too far east and west.

II. Form C-102 showing the well and 160-acre dedication (N2N2 15-19s-28e) is attached as EXHIBIT E.

Apache operates the Bone Spring dedication bordering on the south of the proposed dedication (EXHIBIT F). No Bone Spring dedication borders on any other side or corner.

- III. Encroachment to the east and west is toward State leases. One existing Bone Spring dedication (30-015-44668) touches the proposed dedication and it is Apache operated. This information is current and correct.
- IV. See EXHIBIT F for the proposed well, dedications, and wells. Apache does not believe moving the take points to standard locations is cost effective for this well.
- V. There are numerous manmade land use constraints (EXHIBITS C and D).
- VI. Archaeology is not an issue.

VII. I hereby attest that I, on or before the date that the application was submitted to the division, sent notification to the affected persons (EXHIBIT G) 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 lands that most directly border the take point portions of the 160-acre spacing unit. Said notice was sent to:

Khody Land & Minerals
MRC Delaware Resources
NM State Land Office
Penroc Oil
RKI Exploration & Production
Vanguard Operating

Brian Wood, Consultant

3-10-18 Date



District I
1625 N. Freuch 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
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3466 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

		W	ELL LO	OCATIO	N AND ACE	EAGE DEDIC	ATION PLA	T			
API Number				2 Pool Code 3 Pool Name			ne				
30-015- 96413						Palmillo; Bonespring, SW.					
4 Property Co	de			5 Property Name				'	6 Well Number		
PALMILLO 14-15 STATE COM								208H			
7 OGRID NO. 8 Operator Name						9 Elevation					
873	3			AP.	ACHE CORI	PORATION			3439'		
	" Surface Location										
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet From the	East/We	East/West line County		
D	14	19S	28E		430	NORTH	470	WEST		EDDY	
" 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/We	st line	County	
D	15	19S	28E		430	NORTH	100	WEST		EDDY	
12 Dedicated Acre	g 13 Joint	or Infill 14 (Consolidation	Code 15 (Order No.						
160											

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16	GEODETII NAD 83 GRID		CORNER NAD 83 GRID		CORNER DA		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete
	SURFACE LOI N: 606392.9 – LAT: 32.66 LONG: 104.1 FIRST TAKE N: 606386.7 – LAT: 32.66 LONG: 104.1	E: 596459.2 68920' N 542060' W POINT (FTP) E: 595889.3 68775' N 560580' W	A: FOUND BRAS: N: 601490.9 - B: FOUND BRAS: N: 604123.9 - C: FOUND BRAS: N: 606760.7 - D: FOUND BRAS: N: 606789.4 - E: FOUND BRAS:	S CAP "1941" - E: 590784.8 S CAP "1941" - E: 590793.7 S CAP "1941" - E: 590803.6 S CAP "1941" - E: 593397.1 S CAP "1941"	I: FOUND BRASS C N: 601581.1 — E: J: FOUND BRASS C N: 601550.4 — E K: FOUND BRASS C N: 601541.3 — E L: FOUND BRASS C N: 601517.7 — E	AP "1941" 601172.6 AP "1941" 598576.1 CAP "1941" : 595978.7 CAP "1941"	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this arganization 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 poaling or the heretofore entered by the division.
	LAST TAKE F N: 606331.9 – LAT: 32.66 LONG: 104.1 N: 606331.9 – LAT: 32.66 LONG: 104.1	E: 590902.0 167490' N 1722654' W CATION (BH) - E: 590902.0 167490' N	N: 606818.7 - F: FOUND BRAS: N: 606841.1 - G: FOUND BRAS N: 606864.1 - H: FOUND BRAS N: 604123.2 -	S CAP "1941" - E: 598587.0 S CAP "1941" - E: 601184.5 S CAP "1941" - E: 601178.6	1: CALCULATED N: 605511.4 — E 2: CALCULATED N: 606830.0 — E 3: CALCULATED N: 605442.3 — E 4: CALCULATED N: 605499.4 — E	: 597285.8 POINT : 597288.6 POINT : 590798.7 POINT : 595987.3	Sorina L. Flores Sorina . Flores eapache corp. Com E-mail Address
- 1	~430' 5 89'	© (CRID) 5,3	(E) 558.96' (HORIZ.) FTP 100' FTP	431' FTP2 430' SL 470' SL	©	© - -	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys
3	40 AC.	40 AC. 40 AC.	1 40 AC.	40 AC.		 	made by mc or under my supervision, and that the same is true and correct to the best of my belief. 11-29-2016
®		15		 		 	Signature and Seal of Preferinal Surveys (19680)
<u> </u>	1	, C	! ! ®	! !	① RRC		Rev: 1-16-18 NAD83-BH/FIP
							EXHIBIT E

STATE OF NEW MEXICO)
) SS
COUNTY OF SANTA FE)

The foregoing instrument was acknowledged before me this 10th day of March, 2018 by Brian Wood. Witness my hand and official seal.

Notary/Public

My Commission Expires: 2-12-2021

Business Address:

37 VERANO LOOP

SANTA FE, NM

87508

cc: Flores, OCD (Santa Fe)

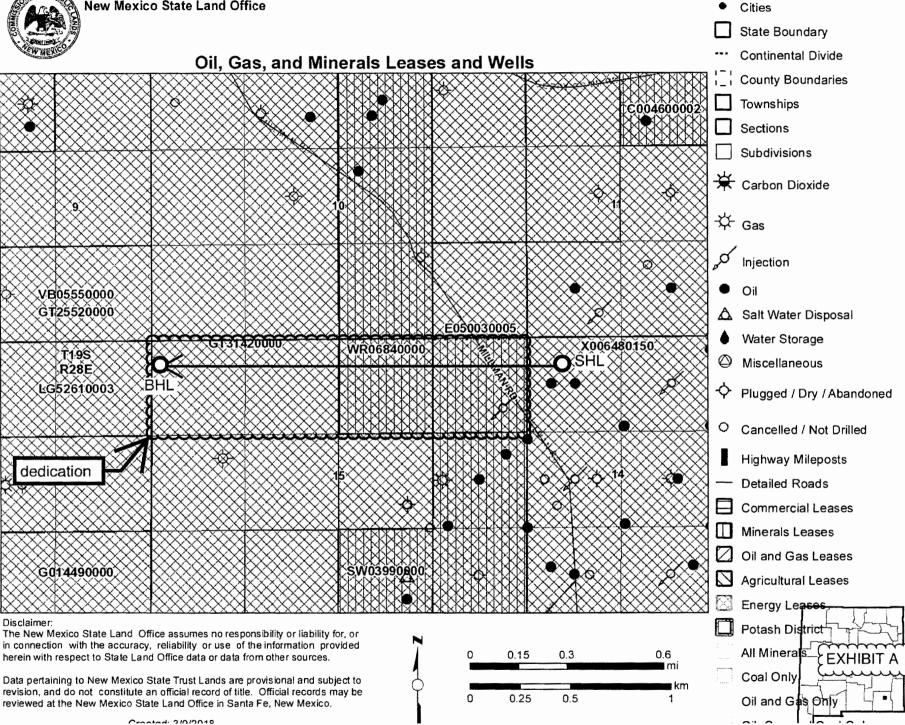


OFFICIAL SEAL JEFFREY L. STEPHENSON NOTARY PUBLIC STATE OF NEW MEXICO

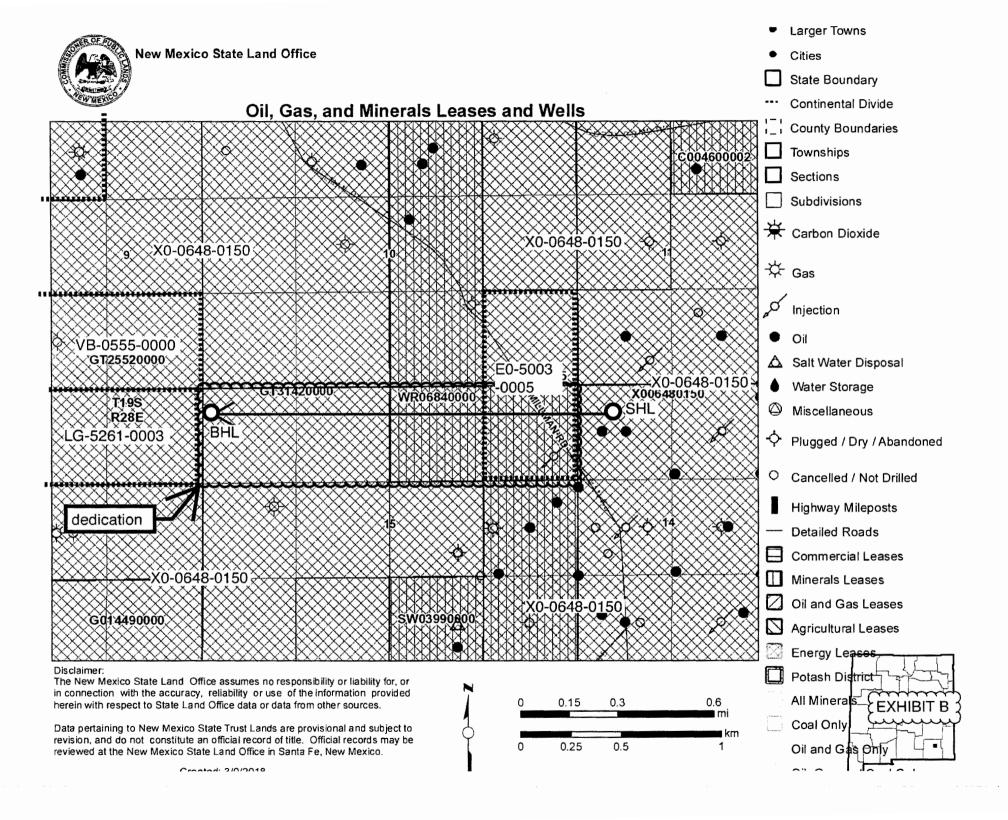
My Commission Expires 2-12-21



New Mexico State Land Office



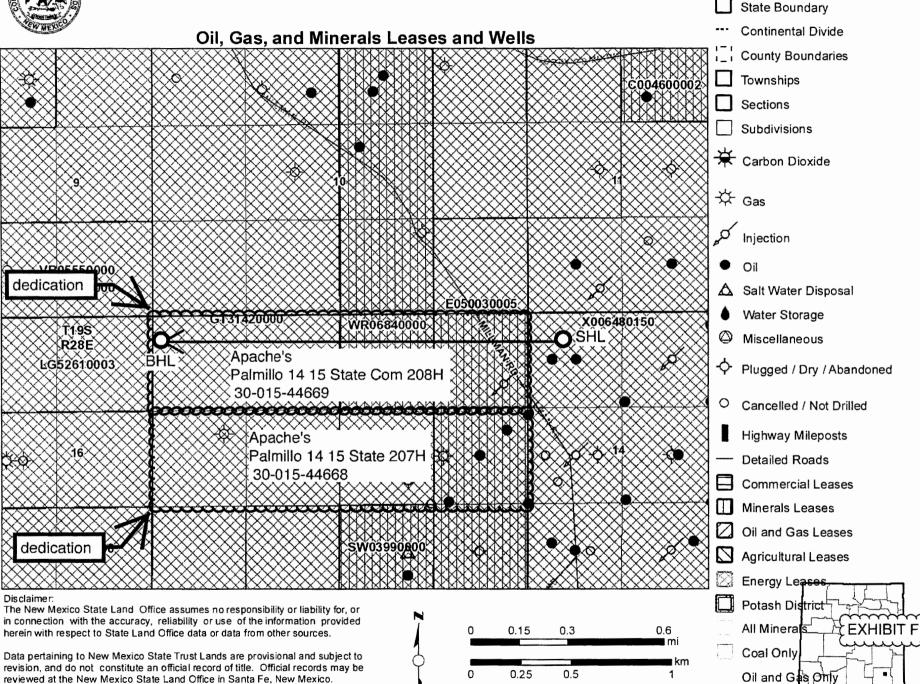
Larger Towns





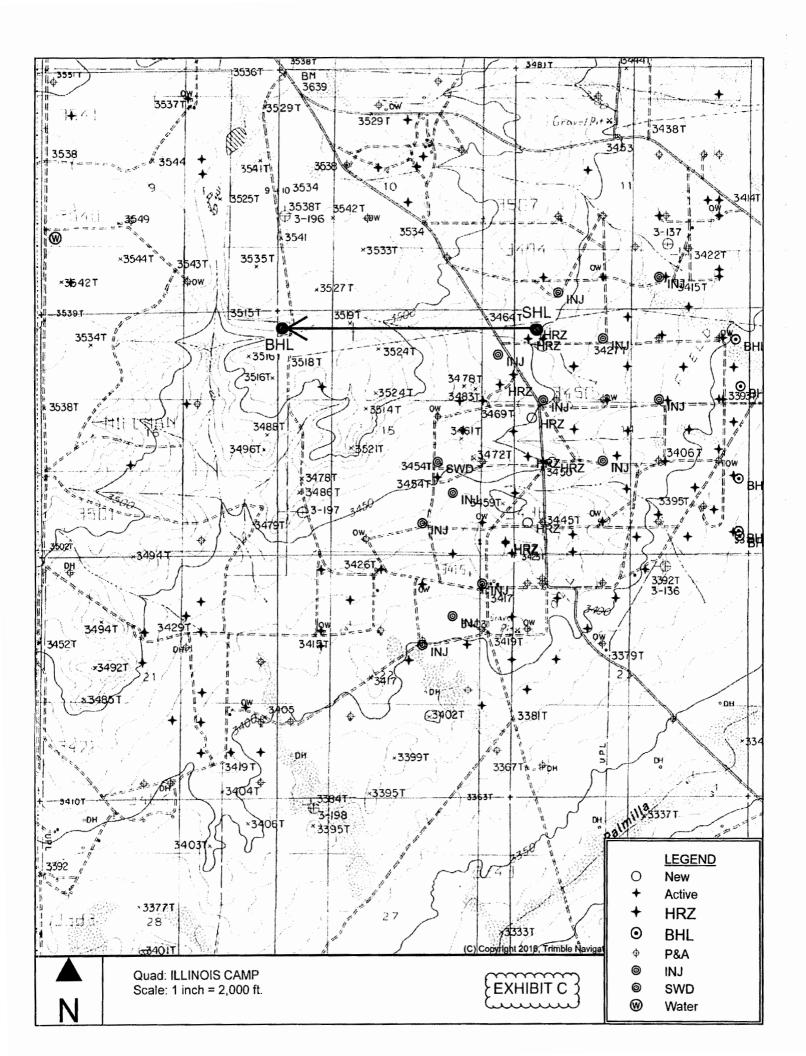
New Mexico State Land Office

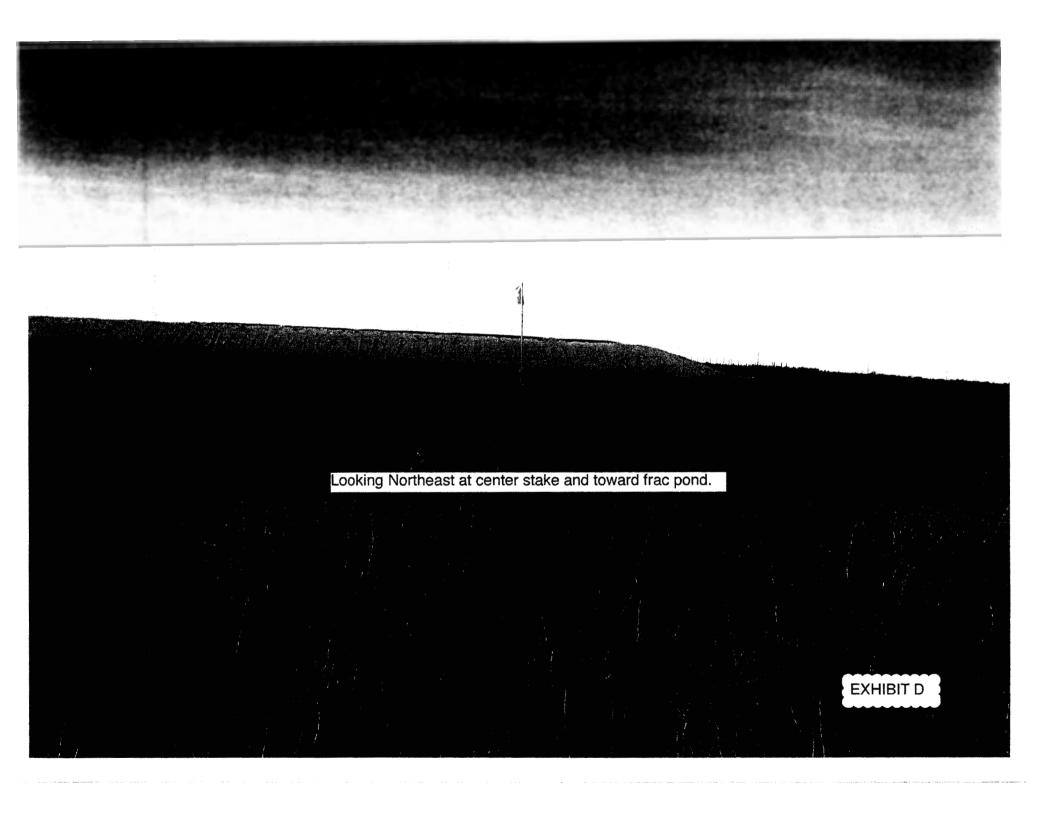
Crantad: 2/0/2010



Larger Towns

Cities







March 10, 2015

Khody Land & Minerals 210 Park Ave., Suite 900 Oklahoma City, OK 73102

As required by New Mexico Oil Conservation Division (NMOCD) 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 Palmillo 14 15 State Com 208H oil well. Minimum state distance for such an oil well is 330' from a quarter-quarter line. The well take points are 230' further east and west than is standard (see attached application). Thus, it is a nonstandard location. The NSL is due to surface and subsurface issues.

Well Name: Palmillo 14 15 State Com 208H

TVD: 7,307' MD: 12,619'

Proposed NSL Zone: Palmillo; Bone Spring, SW

NSL Acreage Dedication: 160 acres (N2N2 Section 15, T. 19 S., R. 28 E., Eddy County, NM) Location: ≈14 air miles SW of Loco Hills, NM SHL: 430 FNL & 470 FWL 14-19s-28e

Applicant Name: Apache Corporation (432) 818-1168

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

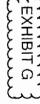
Submittal Information: Application for a nonstandard location will be filed with the NMOCO. If you have an objection, then it must be filed in writing within 20 days from the date the NMOCD receives the application, The New Mexico Oil Conservation Division address is 1220 South St. Francis Dr. Santa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

Please call me if you have any questions.

Sincerely

Brian Wood

1.4	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only
1.8	For delivery information, visit our website at www.usps.pum*.
0001, 0526	Certified Migit Fee S Extra Services & Fees (check box, add fee schoolsentrie) Fishtun Receipt (electronic) Generaled Mail Restricted Delivery S Adult Signature Restricted Delivery S Adult Signature Restricted Delivery S Adult Signature Restricted Delivery S Certified Mail Signature Restricted Delivery S
1000	Total Postage and Fees \$ \[\text{Cold Postage and Fees} \] \$
7017	Sent To Street and Apt. No., or PO Box No. City, State, 219-47-





March 10, 2015

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

As required by New Mexico Oil Conservation Division (NMOCD) 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.

Agache Corporation is applying for NSL approval for its Palmillo 14 15 State Com 208H oil well. Minimum state distance for such an oil well is 330' from a quarter-quarter line. The well take points are 230' further east and west than is standard (see attached application). Thus, it is a nonstandard location. The NSL is due to surface and subsurface issues.

Well Name: Palmillo 14 15 State Com 208H

TVD: 7,307' MD: 12,619'

Proposed NSL Zone: Palmillo; Bone Spring, SW

NSL Acreage Dedication: 160 acres (N2N2 Section 15, T. 19 S., R. 28 E., Eddy County, NM) Location; ≈14 air miles SW of Loco Hills, NM

SHL: 430 FNL & 470 FWL 14-19s-28e

Applicant Name: Apache Corporation (432) 818-1168

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

Submittal Information: Application for a nonstandard location will be filed with the 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 call me if you have any questions.

Brian Wood





March 10, 2015

MRC Delaware Resources, LLC 5400 LBJ Freeway, Suite 1500 Dallas TX 75240

As required by New Mexico Oil Conservation Division (NMOCD) 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 Palmillo 14 15 State Com 208H oil well. Minimum state distance for such an oil well is 330' from a quarter-quarter line. The well take points are 230' further east and west than is standard (see attached application). Thus, it is a nonstandard location. The NSL is due to surface and subsurface issues.

Well Name: Palmillo 14 15 State Com 208H

TVD: 7,307' MD: 12,619'

Proposed NSL Zone: Palmitto; Bone Spring, SW

NSL Acreage Dedication: 160 acres (N2N2 Section 15, T. 19 S., R. 28 E., Eddy County, NM)
Location: ≈14 air miles SW of Loco Hills, NM SHL: 430 FNL & 470 FWL 14-19s-28e

Applicant Name: Apache Corporation (432) 818-1168

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 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 call me if you have any questions.

Sincerely.

Brian Wood







March 10, 2015

Penroc Oil Corporation P. O. 8ox 2769 Hobbs NM 88241

As required by New Mexico Oil Conservation Division (NMOCD) 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 Comporation is applying for NSL approval for its Palmillo 14 15 State Com 208H oil well. Minimum state distance for such an oil well is 330' from a quarter-quarter line. The well-take points are 230' further east and west than is standard (see attached application). Thus, it is a nonstandard location. The NSL is due to surface and subsurface issues.

Well Name: Palmillo 14 15 State Com 208H

TVD: 7,307' MD: 12,619'

Proposed NSL Zone: Palmillo; Bone Spring, SW

NSL Acreage Dedication: 160 acres (N2N2 Section 15, T. 19 S., R. 28 E., Eddy County, NM)
Location: =14 air miles SW of Loco Hills, NM SHL: 430 FNL & 470 FWL 14-19s-28e

Applicant Name: Apache Corporation (432) 818-1168

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 NMOCD. It 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 call me if you have any questions.

Sincerely,

Brian Wood





March 10, 2015

RKI Exploration & Production 3500 One Williams Center Tulsa OK 74172

As required by New Mexico Oil Conservation Division (NMOCD) 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 Palmillo 14 15 State Com 208H oil well. Minimum state distance for such an oil well is 330' from a quarter-quarter line. The well take points are 230' further east and west than is standard (see attached application). Thus, it is a nonstandard location. The NSL is due to surface and subsurface issues.

Well Name: Palmillo 14 15 State Com 208H

TVD: 7,307' MD: 12,619'

Proposed NSL Zone: Palmillo; Bone Spring, SW

NSL Acreage Dedication: 160 acres (N2N2 Section 15, T. 19 S., R. 28 E., Eddy County, NM)
Location: ≈14 air miles SW of Loco Hills, NM SHL: 430 FNL & 470 FWL 14-19s-2Be

Applicant Name: Apache Corporation (432) 818-1168

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 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 call me if you have any questions.

incerely

Brian Wood

 U.S. Postal Service™ CERTIFIED MAIL® Domestic Mall Only		
Certified Mail 73. U.S. Extre Services & Fees (check box, add feitges at Peturn Receipt (chemical) S. Grantisos Mail Restricted Dolivery S. Grantisos S. Grantisos Mail Restricted Dolivery S. Grantisos Mail Restricted Doli	Jas Vs	\$ 00°

EXHIBIT G 3



March 10, 2015

Vanguard Operating, LLC 5847 San Felipe, Suite 3000 Houston TX 77057

As required by New Mexico Oil Conservation Division (NMOCD) 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 Palmillo 14 15 State Com 208H oil well. Minimum state distance for such an oil well is 330' from a quarter-quarter line. The well-take points are 230' further east and west than is standard (see attached application). Thus, it is a nonstandard location. The NSL is due to surface and subsurface issues.

Well Name: Palmillo 14 15 State Com 208H

TVD: 7.307' MD: 12.619'

Proposed NSL Zone: Palmillo; Bone Spring, SW

NSL Acreage Dedication: 160 acres (N2N2 Section 15, T. 19 S., R. 28 E., Eddy County, NM)
Location: ≈14 zir miles SW of Loco Hills, NM SHL: 430 FNL & 470 FWL 14-19s-28e

Applicant Name: Apache Corporation (432) 818-1168

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 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 call me if you have any questions.

Sincerely.

Brian Wood



McMillan, Michael, EMNRD

From: Brian Wood <bri>d sprian@permitswest.com>

Sent:Friday, April 20, 2018 4:14 PMTo:McMillan, Michael, EMNRDCc:Lowe, Leonard, EMNRD

Subject: Re: apache Palmillo 14 15 State Com Well No. 208H notification

Attachments: Palmillo 208H Khody MRC.pdf; ATT00001.htm

Lessee of record in Sec. 9 P is MRC. Lessee of record in Sec. 11 M is Kohody. Both were notified (below).

No Bone Spring operator is in either unit.