

RECEIVED: <b>03/14/2018</b>	REVIEWER: <b>MAM</b>	TYPE: <b>NSL</b>	APP NO: <b>PMAM 1807945980</b>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND  
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

<b>Applicant:</b> COG Operating LLC	<b>OGRID Number:</b> 229137
<b>Well Name:</b> Chimay 6 Federal Com #15H	<b>API:</b> 30-015-43620
<b>Pool:</b> Loco Hills; Glorieta-Yeso	<b>Pool Code:</b> 96718

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION  
 INDICATED BELOW**

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location – Spacing Unit – Simultaneous Dedication
- ☒ NSL      ☐ NSP (PROJECT AREA)      ☐ NSP (PRORATION UNIT)      ☐ SD
- B. Check one only for [I] or [II]
- [I] Commingling – Storage – Measurement
- ☐ DHC    ☐ CTB    ☐ PLC    ☐ PC    ☐ OLS    ☐ OLM
- [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
- ☐ WFX    ☐ PMX    ☐ SWD    ☐ IPI    ☐ EOR    ☐ PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. ☒ Offset operators or lease holders
- B. ☐ Royalty, overriding royalty owners, revenue owners
- C. ☐ Application requires published notice
- D. ☐ Notification and/or concurrent approval by SLO
- E. ☐ Notification and/or concurrent approval by BLM
- F. ☐ Surface owner
- G. ☐ For all of the above, proof of notification or publication is attached, and/or,
- H. ☒ No notice required

**FOR OCD ONLY**

- ☐ Notice Complete
- ☐ Application  
Content  
Complete

- 3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Robyn Russell

Print or Type Name

Signature

03/15/2018

Date

(432) 685-4385

Phone Number

Russell@concho.com

e-mail Address



March 15, 2018

New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, NM 87505

**RE: Chimay 6 Federal Com #15H NSL**

To Whom It May Concern,

COG Operating LLC respectfully requests approval of a non-standard location for the following well(s):

Chimay 6 Federal Com #15H – API #30-015-43620  
SHL: 2310 FSL 10 FEL, UL I, Sec 1, T17S, R29E  
BHL: 2310 FSL 10 FEL, UL I, Sec 6, T17S, R30E  
TVD: 4509'

The granting of this NSL will optimize the completed lateral length of this wellbore, reducing waste while protecting correlative rights, and improving well economics and increasing revenue to the State of New Mexico and the Federal Government.

Attached to this application is a plat showing this well's location, an updated lease map and letters from the designated Landman and Engineer. COG Operating LLC owns 100% working interest and operates the offset leases in Section 1, T17S, R29E and Section 5, T17S, R30E.

Please contact me should you have any questions.

Sincerely,

Robyn Russell  
Regulatory Analyst  
COG Operating, LLC  
(432) 685-4385  
Russell@concho.com

District I  
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  
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) 476-3460 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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015-43620	<sup>2</sup> Pool Code 96718	<sup>3</sup> Pool Name Loco Hills; Glorieta-Yeso
<sup>4</sup> Property Code 313980	<sup>5</sup> Property Name <b>CHIMAY 6 FEDERAL COM</b>	<sup>6</sup> Well Number <b>15H</b>
<sup>7</sup> GRID NO. 229137	<sup>8</sup> Operator Name <b>COG OPERATING, LLC</b>	<sup>9</sup> Elevation <b>3685'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
<b>I</b>	<b>1</b>	<b>17S</b>	<b>29E</b>		<b>2310</b>	<b>SOUTH</b>	<b>10</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> 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
<b>I</b>	<b>6</b>	<b>17S</b>	<b>30E</b>		<b>2310</b>	<b>SOUTH</b>	<b>10</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres 157.17	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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.

<p><b>16</b></p> <p><b>GEODETIC DATA</b> NAD 83 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b> N 677697.2 - E 637643.4 LAT: 32.8626189° N LONG: 104.0196858° W</p> <p><b>BOTTOM HOLE</b> N 677729.3 - E 642830.1 LAT: 32.8626635° N LONG: 104.0027938° W</p> <p><b>GEODETIC DATA</b> NAD 27 GRID - NM EAST</p> <p><b>SURFACE LOCATION</b> N 677633.6 - E 596464.4 LAT: 32.8625036° N LONG: 104.0191769° W</p> <p><b>BOTTOM HOLE</b> N 677665.6 - E 601651.1 LAT: 32.8625480° N LONG: 104.0022852° W</p>	<p><b>CORNER DATA</b> NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1914" N 675386.0 - E 632379.4</p> <p>B: FOUND BRASS CAP "1914" N 678025.2 - E 632377.9</p> <p>C: FOUND BRASS CAP "1916" N 680663.6 - E 632375.5</p> <p>D: FOUND BRASS CAP "1914" N 680666.0 - E 635014.9</p> <p>E: FOUND BRASS CAP "1914" N 680665.9 - E 637654.6</p> <p>F: FOUND BRASS CAP "1916" N 680673.4 - E 640190.1</p> <p>G: FOUND BRASS CAP "1916" N 680680.6 - E 642829.7</p>	<p>H: CALCULATED CORNER N 678059.3 - E 642838.9</p> <p>I: FOUND BRASS CAP "1916" N 675419.9 - E 642848.2</p> <p>J: FOUND BRASS CAP "1916" N 675403.7 - E 640208.3</p> <p>K: FOUND BRASS CAP "1914" N 675387.8 - E 637653.6</p> <p>L: FOUND BRASS CAP "1914" N 675390.1 - E 635023.9</p> <p>M: FOUND BRASS CAP "1914" N 678025.5 - E 637653.4</p> <p><b>CALCULATED POINTS</b> 1: N 678025.4 - E 636336.4 2: N 676707.9 - E 636337.6 3: N 676706.7 - E 637653.5 4: N 676739.6 - E 642843.6</p>	<p><b>17 OPERATOR CERTIFICATION</b> 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.</p> <p>Signature: <i>Robyn M. Russell</i> Date: 3/13/18 Printed Name: Robyn M. Russell E-mail Address: Russell@concho.com</p>
<p><b>18 SURVEYOR CERTIFICATION</b> 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>8-30-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> 19680 Certificate Number</p> <p><b>Job No.: LS1708551</b></p>			<p><b>18 SURVEYOR CERTIFICATION</b> 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>8-30-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> 19680 Certificate Number</p>



## **Memorandum**

**To: Leonard Lowe**  
**Engineering Bureau**  
**New Mexico Oil Conservation Division**

**From: Bryan Montgomery**  
**Reservoir Engineering Supervisor, NM Shelf Team**  
**COG Operating LLC**

**Date: March 15, 2018**

**Subject: Chimay 6 Federal Com #15H NSL Engineer Statement**

COG Operating LLC (COG) is requesting a non-standard location exception (NSL) for this horizontal well to be able to access and drain Yeso reserves that would otherwise be left in the reservoir, thereby preventing waste of an economic resource. The Yeso is a very low permeability reservoir that does not sufficiently drain a great distance from wellbores and their hydraulic fractures. In addition, it would not be economical to try to access these reserves with a vertical well.



## **Memorandum**

**To: Leonard Lowe  
Engineering Bureau  
New Mexico Oil Conservation Division**

**From: Adam Clay Reker  
Landman, NM Shelf Team  
COG Operating LLC**

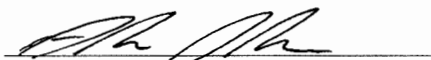
**Date: March 13, 2018**

**Subject: Chimay 6 Federal Com #15H NSL Landman Statement**

I, Adam Clay Reker, Landman for COG Operating LLC, have examined or have had title attorneys/contract land professionals examine the lands and leases associated with the Chimay 6 Fed Com #15H well and its offsets:

COG's "Gissler" lease and "Red Stripe" leases cover the SW/4 and SW/4NW/4 of Section 5, T17S-R30E in Eddy County, NM and are owned 100% by COG in the producing interval (The "toe" of the well). Additionally, COG's "Passion" lease and "Parliament" lease are located in the SE/4NE/4 and NE/4SE/4 of Section 1, T17S-R29E in Eddy County, NM and are owned 100% by COG in the producing interval (The "heel" of the well).

This information was provided by land professionals who rendered ownership reports covering the aforementioned tracts on 2/6/2018 and 2/2/2018 respectively. Said leases being Federal Lease USA NM-013814, Federal Lease USA NM-016786 and Federal Lease USA NM-83591.



Date: MARCH 13, 2018

# Chimay 6 Federal Com #15H Land Plat

