



December 15, 2020

Attn: Dean McClure  
NM Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Re: Application for Administrative Approval  
Off-lease Measurement – Oil Only

Dear Mr. McClure,

COG Operating LLC respectfully requests approval for off-lease measurement – Oil only for the following wells:

Vast State 20H  
API# 30-025-43655  
Sanders Tank; Upper Wolfcamp  
Ut. P, Sec. 17-T26S-R33E  
Lea County, NM

Vast State 21H  
API# 30-025-43550  
Sanders Tank; Upper Wolfcamp  
Ut. P, Sec. 17-T26S-R33E  
Lea County, NM

Vast State 22H  
API# 30-025-43551  
Sanders Tank; Upper Wolfcamp  
Ut. B, Sec. 17-T26S-R33E  
Lea County, NM

Vast State 23H  
API# 30-025-43552  
Sanders Tank; Upper Wolfcamp  
, Ut. P, Sec. 17-T26S-R35E  
Lea County, NM

Vast State 24H  
API# 30-025-43545  
Sanders Tank; Upper Wolfcamp  
Ut. O, Sec. 17-T26S-R33E  
Lea County, NM

Vast State 25H  
API# 30-025-43546  
Sanders Tank; Upper Wolfcamp  
Ut. O, Sec. 17-T26S-R33E  
Lea County, NM

Vast State 26H  
API# 30-025-43547  
Sanders Tank; Upper Wolfcamp  
Ut. O, Sec. 17-T26S-R33E  
Lea County, NM

**Oil Production:**

**CORPORATE ADDRESS**

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701  
P 432.683.7443 | F 432.683.7441

**ARTESIA WEST OFFICE**

2208 Main Street | Artesia, New Mexico 88210  
P 575.748.6940 | F 575.746.2096



The oil production from these wells may be transported by truck to either the Red Hills Offload Station, located in Unit O, Section 4-T26S-R32E, or the Jal Offload Station, located in Unit D, Section 4-T26S-R37E, Lea County in the event the CTB on lease is over capacity or in the case of battery or pipeline repairs. Oil will remain segregated and will be measured by lact meter when offloading at the Offload Stations.

Notifications have been sent to all working interest owners

Please see the enclosed Administrative Application Checklist, C-107-B Application for Off Lease Measurement, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations.

Thank you for your attention to this matter. If you have questions or need further information, please email me at [jbarron@concho.com](mailto:jbarron@concho.com) or call 575.748.6974.

Sincerely,  
*Jeanette Barron*  
Jeanette Barron  
Regulatory Technician II

**CORPORATE ADDRESS**

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701  
P 432.683.7443 | F 432.683.7441

**ARTESIA WEST OFFICE**

2208 Main Street | Artesia, New Mexico 88210  
P 575.748.6940 | F 575.746.2096

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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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

**Applicant:** COG Operating, LLC **OGRID Number:** 229137  
**Well Name:** Vast State 20H and five more (See attached) **API:** 30-025-43655  
**Pool:** WC-025 G-09 S263327G; Upper Wolfcamp **Pool Code:** 98097

**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

<b>FOR OCD ONLY</b>
<input type="checkbox"/> Notice Complete
<input type="checkbox"/> 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.**

Jeanette Barron  
 Print or Type Name

12/15/20  
 Date

575-746-6974  
 Phone Number

Jeanette Barron  
 Signature

jbarron@concho.com  
 e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: COG Operating LLC  
OPERATOR ADDRESS: 2208 W Main Street, Artesia, New Mexico 88210  
APPLICATION TYPE:

Pool Commingling  Lease Commingling  Pool and Lease Commingling  Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE:  Fee  State  Federal

Is this an Amendment to existing Order?  Yes  No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
 Yes  No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables?  Yes  No  
(3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No.  
(4) Measurement type:  Metering  Other (Specify)  
(5) Will commingling decrease the value of production?  Yes  No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

(1) Pool Name and Code.  
(2) Is all production from same source of supply?  Yes  No  
(3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No  
(4) Measurement type:  Metering  Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

(1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

(1) Is all production from same source of supply?  Yes  No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Jeanette Barron TITLE: Regulatory Technician II DATE: 12/15/20  
TYPE OR PRINT NAME Jeanette Barron TELEPHONE NO.: 575.748.6974  
E-MAIL ADDRESS: jbarron@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  
(As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-43550</b>		<sup>2</sup> Pool Code <b>98097</b>		<sup>3</sup> Pool Name <b>WC-025 G-09 S263327G; Upper Wolfcamp</b>	
<sup>4</sup> Property Code <b>315647</b>		<sup>5</sup> Property Name <b>Vast State</b>			<sup>6</sup> Well Number <b>21H</b>
<sup>7</sup> OGRID No. <b>229137</b>		<sup>8</sup> Operator Name <b>COG Operating LLC</b>			<sup>9</sup> Elevation <b>3260' GR</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>P</b>	<b>17</b>	<b>26S</b>	<b>33E</b>		<b>210</b>	<b>South</b>	<b>1125</b>	<b>East</b>	<b>Lea</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>A</b>	<b>17</b>	<b>26S</b>	<b>33E</b>		<b>206</b>	<b>North</b>	<b>704</b>	<b>East</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres <b>160</b>	<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 interests have been consolidated or a non-standard unit has been approved by the division.

<p>16</p> <p>Producing Area 12486-16884'</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p><i>Jeanette Barron</i> 12/15/20 Signature Date</p> <p>Jeanette Barron Printed Name</p> <p>jbarron@concho.com E-mail Address</p>
	<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
	<p>REFER TO ORIGINAL PLAT</p>
	<p>Certificate Number</p>

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

District II  
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1000 Rio Brazos Road, Aztec, NM 87410  
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District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
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OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
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(As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-43551</b>		<sup>2</sup> Pool Code <b>98097</b>		<sup>3</sup> Pool Name <b>Sanders Tank; Upper Wolfcamp</b>	
<sup>4</sup> Property Code <b>315647</b>		<sup>5</sup> Property Name <b>Vast State</b>			<sup>6</sup> Well Number <b>22H</b>
<sup>7</sup> OGRID No. <b>229137</b>		<sup>8</sup> Operator Name <b>COG Operating LLC</b>			<sup>9</sup> Elevation <b>3260' GR</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>P</b>	<b>17</b>	<b>26S</b>	<b>33E</b>		<b>210</b>	<b>South</b>	<b>1165</b>	<b>East</b>	<b>Lea</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>A</b>	<b>17</b>	<b>26S</b>	<b>33E</b>		<b>201</b>	<b>North</b>	<b>1011</b>	<b>East</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres <b>160</b>	<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 interests have been consolidated or a non-standard unit has been approved by the division.

16		<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p><i>Jeanette Barron</i> 12/15/20 Signature Date</p> <p>Jeanette Barron Printed Name</p> <p>jbarron@concho.com E-mail Address</p>
		<p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Date of Survey Signature and Seal of Professional Surveyor:</p> <p>REFER TO ORIGINAL PLAT</p> <p>Certificate Number</p>

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: (505) 748-1283 Fax: (505) 748-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6176 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, 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 <b>30-025-43552</b>	Pool Code <b>98097</b>	Pool Name <b>Sanders Tank; Upper Wolfcamp</b>
Property Code <b>315647</b>	Property Name <b>VAST STATE</b>	Well Number <b>23H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3261.3'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	26-S	33-E		210	SOUTH	1205	EAST	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
A	17	26-S	33-E		200	NORTH	1305	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160			

**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**

*BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE VAST STATE #23H SUPPLIED TO HARCROW SURVEYING, LLC ON NOVEMBER 1, 2017*

LOWER PERF - 16,845'

NAD 83 NME BOTTOM HOLE LOCATION  
Y=382805.8 N  
X=771645.2 E  
LAT.=32.050233' N  
LONG.=103.589980' W

NAD 83 NME SURFACE LOCATION  
Y=377936.7 N  
X=771774.0 E  
LAT.=32.036847' N  
LONG.=103.589673' W

UPPER PERF - 12,402'

Y=377726.0 N  
X=771660.3 E

**OPERATOR CERTIFICATION**

*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.*

*Jeanette Barron 12/15/20*  
Signature Date

Jeanette Barron  
Printed Name

jbarron@concho.com  
E-mail Address

**SURVEYOR CERTIFICATION**

*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.*

DEC. 12, 2016/APR. 30, 2017  
Date of Survey

Signature & Seal of Professional Surveyor



*Chad L. Harcrow 11/13/17*  
Certificate No. CHAD HARCROW 17777  
W.O. # 17-1415 DRAWN BY: VD

District I  
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OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-43545</b>		<sup>2</sup> Pool Code <b>98097</b>	<sup>3</sup> Pool Name <b>WC-025 G-09 S263327G; Upper Wolfcamp</b>
<sup>4</sup> Property Code <b>315647</b>	<sup>5</sup> Property Name <b>Vast State</b>		<sup>6</sup> Well Number <b>24H</b>
<sup>7</sup> OGRID No. <b>229137</b>	<sup>8</sup> Operator Name <b>COG Operating LLC</b>		<sup>9</sup> Elevation <b>3262' GR</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>O</b>	<b>17</b>	<b>26S</b>	<b>33E</b>		<b>210</b>	<b>South</b>	<b>1995</b>	<b>East</b>	<b>Lea</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>B</b>	<b>17</b>	<b>26S</b>	<b>33E</b>		<b>260</b>	<b>North</b>	<b>1687</b>	<b>East</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres <b>160</b>	<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 interests have been consolidated or a non-standard unit has been approved by the division.

16		1687'	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p><i>Jeanette Barron</i> 12/15/20 Signature Date</p> <p>Jeanette Barron Printed Name</p> <p>jbarron@concho.com E-mail Address</p>
		Producing Area 12598-17140'	
		1995'	

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone (575) 393-6161 Fax: (575) 393-6720

DISTRICT II  
811 S. First St., Artesia, NM 88210  
Phone (575) 748-1223 Fax: (575) 748-8720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 334-6178 Fax: (505) 334-6179

DISTRICT IV  
1226 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-2480 Fax: (505) 476-2482

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

OIL CONSERVATION DIVISION  
1226 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-43546	Pool Code 98097	Pool Name WC-025 G-09 S263327G; Upper Wolfcamp
Property Code 315647	Property Name VAST STATE	Well Number 25H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3262'

Surface Location

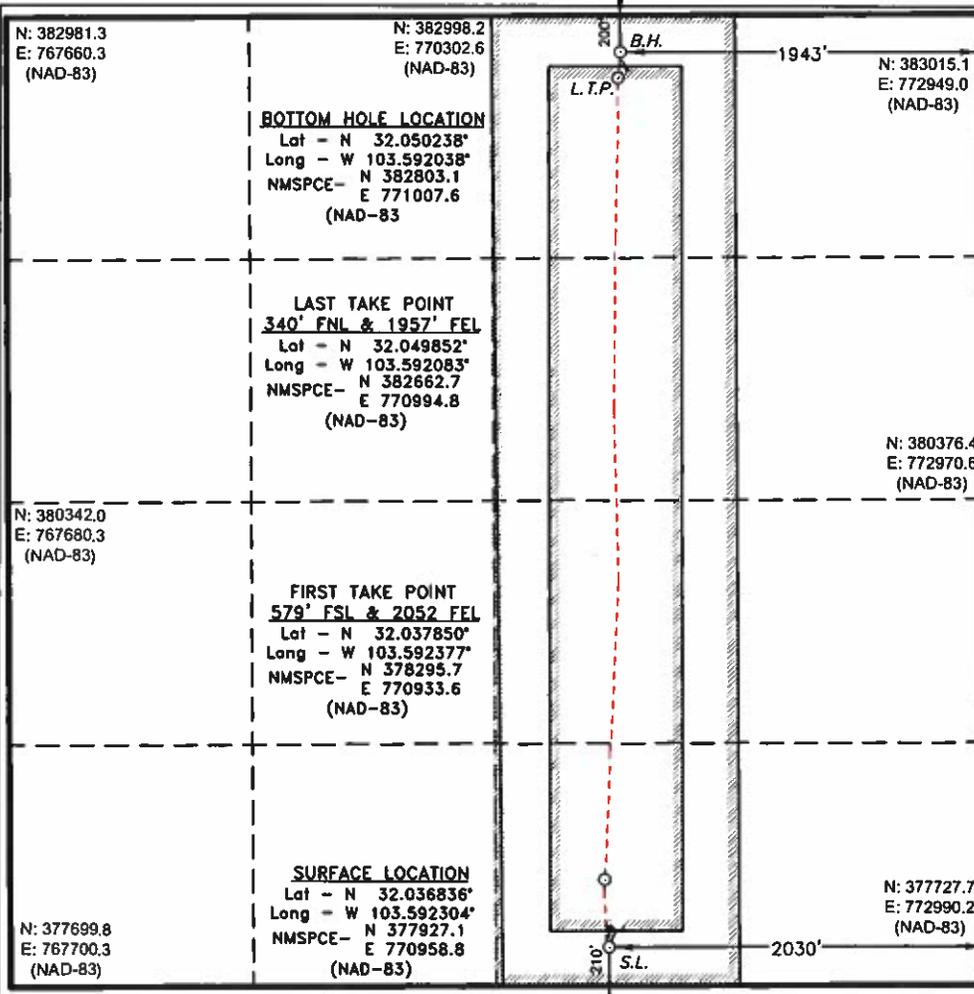
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	26 S	33 E		210	SOUTH	2030	EAST	LEA

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
B	17	26 S	33 E		200	NORTH	1943	EAST	LEA

Dedicated Acres 160	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



**OPERATOR CERTIFICATION**  
 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.

*Jeanette Barron* 12/15/20  
 Signature Date

Jeanette Barron  
 Printed Name  
 jbaron@concho.com  
 Email Address

**SURVEYOR CERTIFICATION**  
 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.

SEPTEMBER 15 2017  
 Date Surveyed

*[Signature]*  
 Signature of Professional Surveyor

Certification No. Garry L. Jones 7977  
 State of New Mexico

0' 500' 1000' 1500' 2000'  
 SCALE: 1" = 1000'  
 WO Num.: 32625

District I  
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Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
 AMENDED REPORT  
(As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-43547		<sup>2</sup> Pool Code 98097		<sup>3</sup> Pool Name WC-025 G-09 S263327G; Upper Wolfcamp	
<sup>4</sup> Property Code 315647		<sup>5</sup> Property Name Vast State			<sup>6</sup> Well Number 26H
<sup>7</sup> OGRID No. 229137		<sup>8</sup> Operator Name COG Operating LLC			<sup>9</sup> Elevation 3262' GR

<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
O	17	26S	33E		210	South	2065	East	Lea

<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	17	26S	33E		204	North	2271	East	Lea

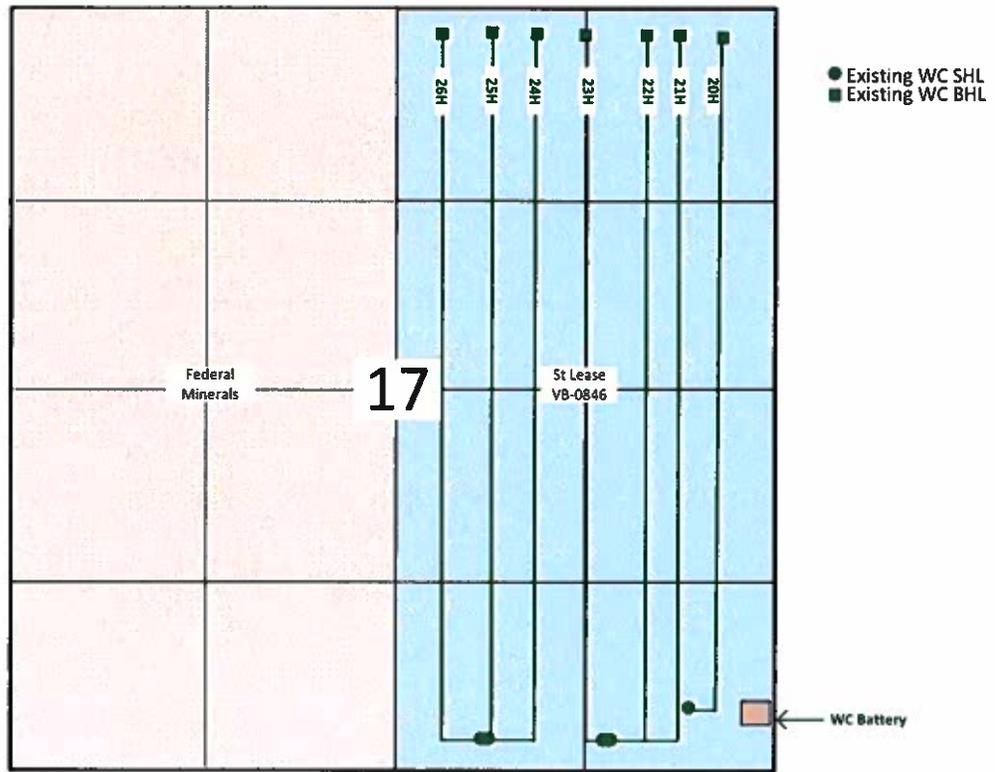
<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16	<p>204'</p> <p>BHL</p> <p>Producing Area 12644-17175'</p> <p>SHL</p> <p>2065'</p> <p>2271'</p>	<sup>17</sup> OPERATOR CERTIFICATION
		<p><i>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.</i></p> <p>Jeanette Barron 12/15/20 Signature Date</p> <p>Jeanette Barron Printed Name</p> <p>jbarron@concho.com E-mail Address</p>
		<sup>18</sup> SURVEYOR CERTIFICATION
		<p><i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>REFER TO ORIGINAL PLAT</p> <p>Certificate Number</p>



### Vast State Wells



T26S-R33E, Lea County, NM

### Vast St 20H-26H



Vast ST 20H-26H OLM									
Date Sent	Initials	Name	Address	City	State	ZipCode	Certified Return Receipt No.	Delivered	
12.15.20	JB	Sagebrush Interests, LLC	2450 Fondren, Ste 112	Houston	TX	77063	7017 3040 0000 1206 4609		
12.15.20	JB	Bradley S. Bates	101 Blackberry Court	Midland	TX	79705	7017 3040 0000 1206 4593		
12.15.20	JB	RSC Resources, LP	6824 Island Circle	Midland	TX	79707	7017 3040 0000 1206 4616		
12.15.20	JB	Meco IV, LLC	1200 17th Street, Ste 975	Denver	CO	80202	7017 3040 0000 1206 4586		
12.15.20	JB	NMSLO	310 Old Santa Fe Trail	Santa Fe	NM	87501	7017 3040 0000 1206 4623		

**From:** [Engineer, OCD, EMNRD](#)  
**To:** [Jeanette Barron](#)  
**Cc:** [McClure, Dean, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Kautz, Paul, EMNRD](#); [lisa@rwbyram.com](mailto:lisa@rwbyram.com); [Holm, Anchor E.; Dawson, Scott](#)  
**Subject:** Approved Administrative Order OLM-227  
**Date:** Friday, January 8, 2021 5:06:19 PM  
**Attachments:** [OLM227 Order.pdf](#)

NMOCD has issued Administrative Order OLM-227 which authorizes COG Operating, LLC (229137) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	Location (NMPM)	Pool Code
30-025-43655	Vast State #20H	P-17-26S-33E	98097
30-025-43550	Vast State #21H	P-17-26S-33E	98097
30-025-43551	Vast State #22H	P-17-26S-33E	98097
30-025-43552	Vast State #23H	P-17-26S-33E	98097
30-025-43545	Vast State #24H	O-17-26S-33E	98097
30-025-43546	Vast State #25H	O-17-26S-33E	98097
30-025-43547	Vast State #26H	O-17-26S-33E	98097

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval.

Dean McClure  
 Petroleum Engineer, Oil Conservation Division  
 New Mexico Energy, Minerals and Natural Resources Department  
 (505) 469-8211

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Notice**

Order: OLM-227

Operator: COG Operating, LLC (229137)

Publication Date:

Date Sent: 12/15/2020

**Noticed Persons**

Date	Person	Certified Tracking Number	Status
12/19/2020	Sagebrush Interests, LLC	7017 3040 0000 1206 4609	Delivered
12/18/2020	Bradley S. Bates	7017 3040 0000 1206 4593	Delivered
12/21/2020	RSC Resources, LP	7017 3040 0000 1206 4616	Delivered
12/19/2020	MecoIV, LLC	7017 3040 0000 1206 4586	Delivered
12/21/2020	NMSLO	7017 3040 0000 1206 4623	Delivered

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION FOR OFF-LEASE MEASUREMENT  
SUBMITTED BY COG OPERATING, LLC**

**ORDER NO. OLM-227**

**ORDER**

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the Engineering Bureau, issues the following Order.

**FINDINGS OF FACT**

1. COG Operating, LLC (“Applicant”) submitted a complete application to off-lease measure the oil production ("Application") from the wells, pool, and lease identified in Exhibit A.
2. Applicant provided notice of the Application to all persons owning a working interest in the oil production to be off-lease measured in accordance with 19.15.23.9(A)(5) NMAC, and those persons either submitted a written waiver or did not file an objection to the Application.
3. Applicant provided notice of the Application to the Bureau of Land Management or New Mexico State Land Office, as applicable.

**CONCLUSIONS OF LAW**

4. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, and 19.15.23 NMAC.
5. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9(A)(5) NMAC.
6. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

**ORDER**

1. Applicant is authorized to off-lease measure oil production from the wells, pool, and lease identified in Exhibit A.
2. The oil production from the wells identified in Exhibit A shall be physically separated from the oil production from other wells and no commingling of production from different leases shall occur in accordance with 19.15.23.9(A)(3) NMAC and 19.15.23.9(A)(4) NMAC.
3. Applicant shall measure the commingled oil at a central tank battery described in Exhibit A in accordance with 19.15.18.15 NMAC or 19.15.23.8 NMAC.
4. Applicant shall calibrate the meters used to measure or allocate oil production in accordance with 19.15.12.10(C)(2) NMAC.

5. OCD retains jurisdiction and reserves the right to modify or revoke this Order if it is deemed necessary to prevent waste or protect correlative rights, public health, or the environment.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**



**ADRIENNE SANDOVAL  
DIRECTOR**

AS/dm

**DATE:** 1/08/2021

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit A

Order: OLM-227

Operator: COG Operating, LLC (229137)

Central Tank Battery: Vast State East Central Tank Battery

Central Tank Battery Location (NMPM): Unit P, Section 17, Township 26 South, Range 33 East

Central Tank Battery: Red Hills Offload Station

Central Tank Battery Location (NMPM): Unit O, Section 4, Township 26 South, Range 32 East

Central Tank Battery: Jal Offload Station

Central Tank Battery Location (NMPM): Unit D, Section 4, Township 26 South, Range 37 East

Gas Custody Transfer Meter Location (NMPM):

### Pools

Pool Name	Pool Code
SANDERS TANK; UPPER WOLFCAMP	98097

### Leases as defined in 19.15.12.7(C) NMAC

Lease	Location (NMPM)
VB 08460003	E/2 Sec 17-T26S-R33E

### Wells

Well API	Well Name	Location (NMPM)	Pool Code	Train
30-025-43655	Vast State #20H	P-17-26S-33E	98097	
30-025-43550	Vast State #21H	P-17-26S-33E	98097	
30-025-43551	Vast State #22H	P-17-26S-33E	98097	
30-025-43552	Vast State #23H	P-17-26S-33E	98097	
30-025-43545	Vast State #24H	O-17-26S-33E	98097	
30-025-43546	Vast State #25H	O-17-26S-33E	98097	
30-025-43547	Vast State #26H	O-17-26S-33E	98097	

**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 Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 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**

CONDITIONS

Action 12282

**CONDITIONS OF APPROVAL**

Operator: COG OPERATING LLC	600 W Illinois Ave	Midland, TX79701	OGRID: 229137	Action Number: 12282	Action Type: C-107B
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OCD Reviewer	Condition
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval.