



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 2H
API# 30-025-42942
Red Hills; Upper Bone Spring, Shale
Ut. P, Sec. 17-T26S-R33E
Lea County, NM

Vast State 3H
API# 30-025-42943
Red Hills; Upper Bone Spring, Shale
Ut. O, Sec. 17-T26S-R33E
Lea County, NM

Vast State 4H
API# 30-025-42945
Red Hills; Upper Bone Spring, Shale
Ut. O, Sec. 17-T26S-R33E
Lea County, NM

Vast State 5H
API# 30-025-42946
Red Hills; Upper Bone Spring, Shale
Ut. O, Sec. 17-T26S-R33E
Lea County, NM

Oil Production:

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 or call 575.748.6974.

Sincerely,
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

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
-----------	-----------	-------	---------

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 2H **API:** _____
Pool: RED HILLS; UPPER BONE SPRING SHALE **Pool Code:** 97900

**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.

Jeanette Barron

Print or Type Name

Jeanette Barron
 Signature

12/15/20
 Date

575-746-6974

Phone Number

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 attach 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 I1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6181 Fax: (505) 393-0720**DISTRICT II**811 S. First St., Artesia, NM 88210
Phone (505) 746-1223 Fax: (505) 746-9720**DISTRICT III**1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6176 Fax: (505) 334-6170**DISTRICT IV**1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462**State of New Mexico**
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**1226 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office**WELL LOCATION AND ACREAGE DEDICATION PLAT**☐ AMENDED REPORT

API Number 30-025-42942		Pool Code 97900	Pool Name Red Hills; Upper Bone Spring, Shale
Property Code 315647	Property Name VAST STATE		Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3259'

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	350	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		85	NORTH	328	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

N: 382924.1 E: 726473.1 (NAD-27)	N: 382941.01 E: 729115.4 (NAD-27)	N: 382949.5 E: 730438.6 (NAD-27)	N: 382957.9 E: 731761.8 (NAD-27)
BOTTOM HOLE LOCATION Lat - N 32.050426° Long - W 103.586358° NMSPCE- E 731434.3 (NAD-27)			
LOWER PERFORATION 165' FNL & 328' FEL Lat - N 32.050209° Long - W 103.586360° NMSPCE- N 382791.8 E 731434.4 (NAD-27)			
UPPER PERFORATION 452' FSL & 351' FEL Lat - N 32.037370° Long - W 103.586419° NMSPCE- N 378121.2 E 731448.3 (NAD-27)			
SURFACE LOCATION Lat - N 32.036703° Long - W 103.586416° NMSPCE- N 377878.7 E 731451.1 (NAD-27)			
N: 377642.7 E: 726512.9 (NAD-27)	N: 377656.7 E: 729157.8 (NAD-27)	N: 377663.6 E: 730480.3 (NAD-27)	N: 377670.8 E: 731802.7 (NAD-27)

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 12/5/20
 Signature Date
 Jeanette Barron
 Printed Name
 jbarron@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 20, 2016
 Date Surveyed
 Signature & Seal of Professional Surveyor
 Certificates No. Gary Lund Jones 7977
 Professional Surveyor

0' 500' 1000' 1500' 2000'

SCALE: 1" = 1000'
 WO Num.: 32122

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax: (505) 393-0720

DISTRICT II

811 S. First St., Artesia, NM 88210
Phone (505) 748-1223 Fax: (505) 748-0720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-0176 Fax: (505) 334-0170

DISTRICT IV

1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3400 Fax: (505) 476-3443

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 30-025-42943		Pool Code 97900	Pool Name Red Hills; Upper Bone Spring, Shale
Property Code 315647	Property Name VAST STATE		Well Number 3H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3263

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	1620	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		108	NORTH	988	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**

<p>N: 382924.1 E: 726473.1 (NAD-27)</p>	<p>N: 382941.0 E: 729115.4 (NAD-27)</p>	<p>N: 382949.5 E: 730438.6 (NAD-27)</p>	<p>N: 382957.9 E: 731761.8 (NAD-27)</p>
<p>BOTTOM HOLE LOCATION Lat - N 32.050364° Long - W 103.588490° NMSPCE- N 382843.8 E 730774.1 (NAD-27)</p>			
<p>SURFACE LOCATION Lat - N 32.036708° Long - W 103.590513° NMSPCE- N 377872.0 E 730181.4 (NAD-27)</p>			
<p>N: 377642.7 E: 726512.9 (NAD-27)</p>	<p>N: 377656.7 E: 729157.8 (NAD-27)</p>	<p>N: 377683.8 E: 730480.3 (NAD-27)</p>	<p>N: 377670.6 E: 731802.7 (NAD-27)</p>

88' 8"

L. Perf = 13980'
348' FNL, 989' FEL

U. Perf = 9494'
460' FSL, 1044' FEL

S.L. 210'

1620'

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
jbarron@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 29, 2015
Date Surveyed

[Signature]
Signature of Professional Surveyor

Certification No. Gary L. Jones 7977
Professional Surveyor

0' 500' 1000' 1500' 2000'
SCALE: 1" = 1000'
WO Num.: 31958

DISTRICT I

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

DISTRICT II

511 S. First St., Artesia, NM 88210
Phone (575) 748-1233 Fax: (575) 748-9720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-9170

DISTRICT IV

1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-42945		Pool Code 97900	Pool Name Red Hills; Upper Bone Spring, Shale
Property Code 315647	Property Name VAST STATE		Well Number 4H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3263

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	26 S	33 E		210	SOUTH	1650	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		248	NORTH	1643	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**

<p>N: 382924.1 E: 726473.1 (NAD-27)</p> <p>BOTTOM HOLE LOCATION Lat - N 32.049978° Long - W 103.590601° NMSPCE- N 382698.7 E 730120.9 (NAD-27)</p>	<p>N: 382941.0 E: 729115.4 (NAD-27)</p> <p>N: 382957.9 E: 731761.8 (NAD-27)</p>	<p>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 undivided 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><i>Jeanette Barron</i> 12/15/20 Signature Date Jeanette Barron Printed Name jbarron@concho.com Email Address</p>
<p>SURFACE LOCATION Lat - N 32.036708° Long - W 103.590610° NMSPCE- N 377871.9 E 730151.5 (NAD-27)</p> <p>N: 377642.7 E: 726512.9 (NAD-27)</p> <p>N: 377656.7 E: 729157.8 (NAD-27)</p>	<p>N: 377663.6 E: 730480.3 (NAD-27)</p> <p>N: 377670.6 E: 731802.7 (NAD-27)</p>	<p>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.</p> <p>SEPTEMBER 09, 2015 Date Surveyed Signature of Professional Surveyor Certification No. Gary Land Survey 7977 Scale: 1" = 1000' WO Num.: 31959</p>

DISTRICT I

1025 N. French Dr., Hobbs, NM 88240

Phone (505) 293-6161 Fax: (505) 293-0720

DISTRICT II

811 S. First St., Artesia, NM 88210

Phone (505) 746-1265 Fax: (505) 746-0720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

Phone (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV

1226 S. St. Francis Dr., Santa Fe, NM 87505

Phone (505) 476-2486 Fax: (505) 476-2482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number 30-025-42946	Pool Code 97900	Pool Name Red Hills; Upper Bone Spring, Shale
Property Code 315647	Property Name VAST STATE	Well Number 5H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3263

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	26 S	33 E		210	SOUTH	1680	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		259	NORTH	2300	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

<p>N: 382924.1 E: 726473.1 (NAD-27)</p> <p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32.049948° Long - W 103.592719° NMSPCE- N 382683.6 E 729464.5 (NAD-27)</p>	<p>N: 382941.01 E: 729115.4 (NAD-27)</p> <p>N: 382957.9 E: 731761.8 (NAD-27)</p>	<p>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.</p> <p><i>Jeanette Barron</i> 12/15/20 Signature Date</p> <p>Jeanette Barron Printed Name jbarron@concho.com Email Address</p>
<p>SURFACE LOCATION Lat - N 32.036708° Long - W 103.590707° NMSPCE- N 377871.7 E 730121.5 (NAD-27)</p> <p>N: 377642.7 E: 726512.9 (NAD-27)</p> <p>N: 377656.7 E: 729157.8 (NAD-27)</p> <p>N: 377663.6 E: 730480.3 (NAD-27)</p> <p>N: 377670.6 E: 731802.7 (NAD-27)</p>	<p>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.</p> <p>SEPTEMBER 29, 2015 Date Surveyed</p> <p><i>[Signature]</i> Signature of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977 State of New Mexico</p> <p>0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 31960</p>	

VAST STATE 2H CENTRAL TANK BATTERY

SESE SECTION 17, T26S, R33E, UNIT P
 COORDS: 32.036917°, -103.586677°
 LEA COUNTY, NM

WELLS:

VAST STATE #1H: 30-025-42940
 VAST STATE #2H: 30-025-42942
 VAST STATE #3H: 30-025-42943
 VAST STATE #4H: 30-025-42945
 VAST STATE #5H: 30-025-42946

GAS METERS

HP Flare Gas Meter
 (GF1): 439022256
 LP Flare Gas Meter
 (GF2): #187948-83819
 VCU Gas Meter
 (GC): #175486-73818

ALLOCATION METERS

Gas Allocation
 (G1): 439022262

Sales Phase - Oil Tank #1

- Valve 1 sealed closed
- Valves 2, 3, or 4 open
- Valve 5 sealed closed
- Valves 6, 7, and 8 open
- Valve 9 open
- Valves 10, 11, and 12 sealed closed
- Valve 13 sealed closed
- Valves 14, 15, or 16 open
- Valves 17-24 sealed closed

Production Phase - Oil Tank #1

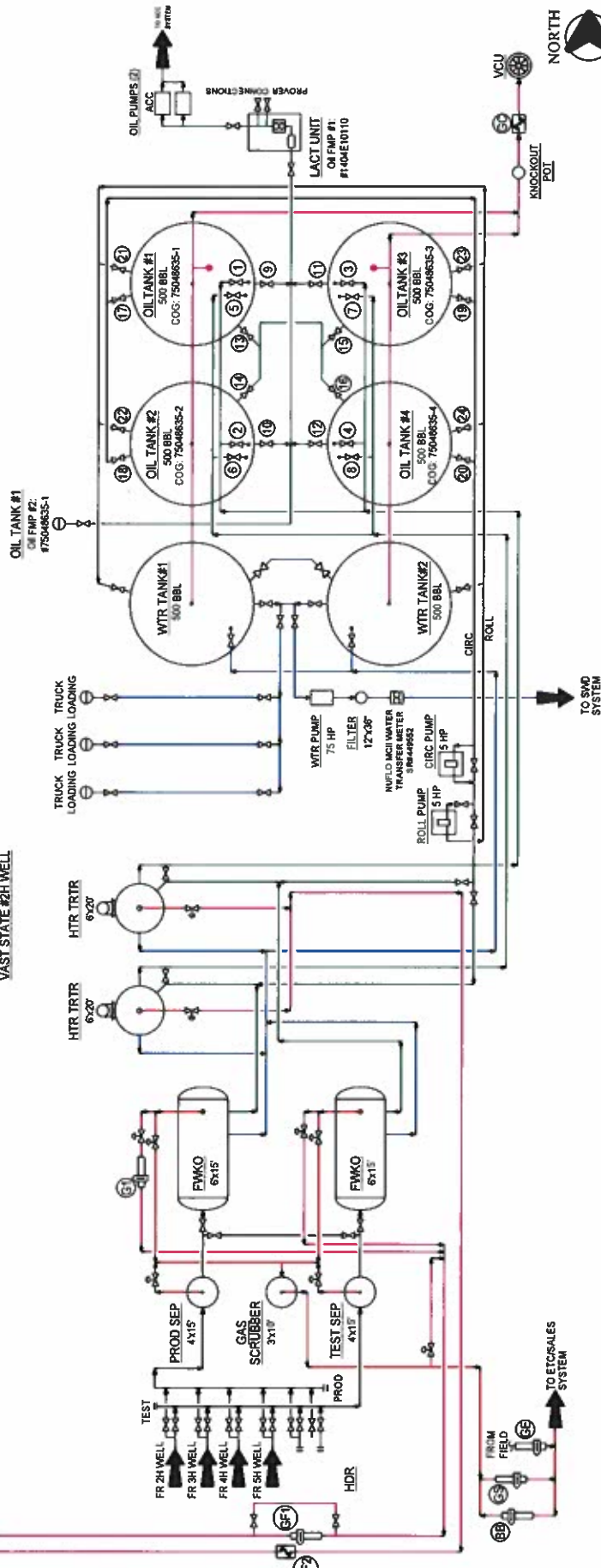
- Valve 1 open
- Valves 2, 3, and 4 sealed closed
- Valves 5, 6, 7, and 8 sealed closed
- Valves 9, 10, 11, and 12 sealed closed
- Valves 13 and 14, 15, or 16 open
- Valve 17 open
- Valves 18-24 sealed closed



FLARE

ROTAFLEX UNIT

VAST STATE #2H WELL

**NOTES**

Type of Lease State
 State Lease #: VB08480003
 Property Code: 315647
 OGRID #: 229137

Ledger for Site Diagram

Produced Fluid:
 Produced Oil:
 Produced Gas:
 Produced Water:
 Flare/Vent:

COMPARTMENTALITY NOTICE

THIS DRAWING IS PROPERTY OF CONCHO OIL & GAS, L.P. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. ANY VIOLATION OF THIS NOTICE IS A VIOLATION OF THE PATENT RIGHTS OF CONCHO OIL & GAS, L.P. AND IS SUBJECT TO THE PENALTIES OF THE PATENT LAWS OF THE UNITED STATES OF AMERICA.

REFERENCE DRAWINGS

ONE CONCHO CENTER
 600 WEST LAMAR AVENUE
 MCKINNEY, TEXAS 75069

REVISIONS

NO.	DATE	DESCRIPTION
1	10/15/20	CHANGED PER FIELD INSPECTION

OWNERSHIP RECORD

DATE	BY	DATE	BY
10/15/20	CONCHO	10/15/20	CONCHO

CONCHO

NORTHERN DELAWARE BUSINESS ASSET
 SITE FACILITY DIAGRAM
 VAST STATE 2H CENTRAL TANK BATTERY

US COUNTY

US COUNTY: LEA
 TOWNSHIP: VAST
 RANGE: 33
 SECTION: 17

SCALE

SCALE: 1"=100'-0"

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

BY

BY: CONCHO

DATE

DATE: 10/15/20

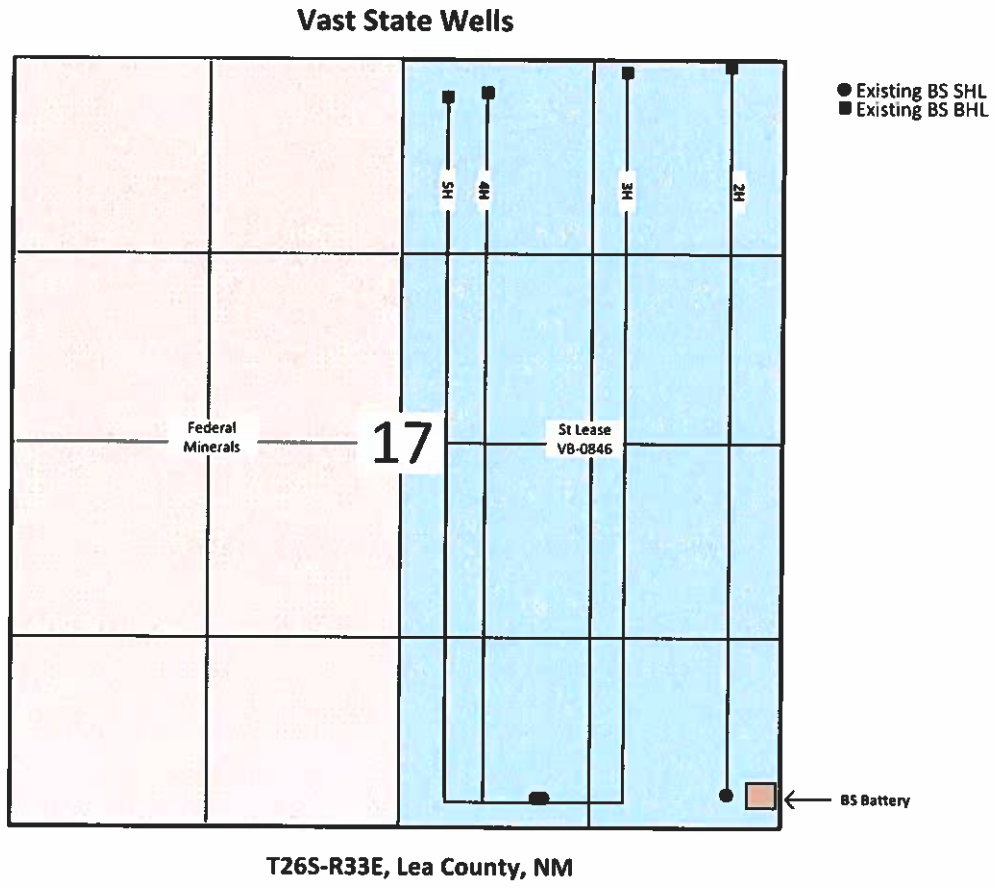
BY

BY: CONCHO

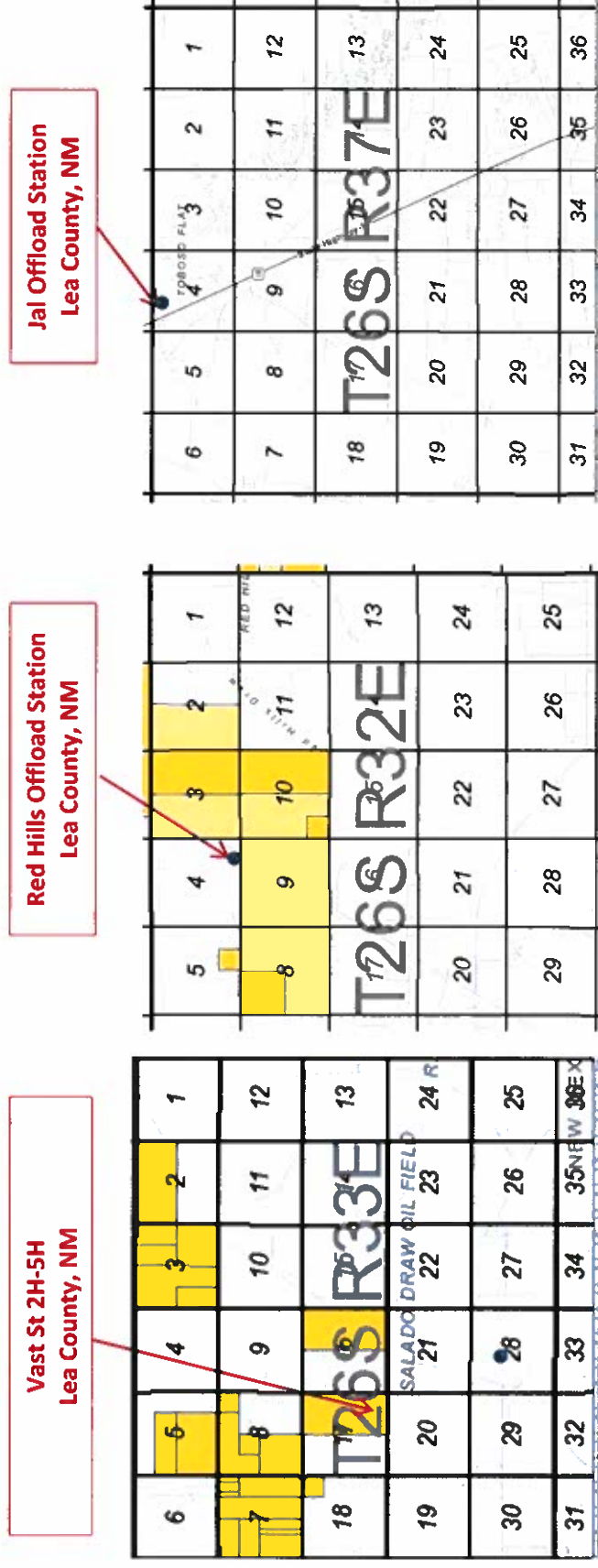
DATE

DATE: 10/15/20

BY



Vast State 2H-5H & Red Hills and Jal Offload Station Map



Vast St 2H-5H



Vast ST 2H-5H 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 4531		
12.15.20	JB	Bradley S. Bates	101 Blackberry Court	Midland	TX	79705	7017 3040 0000 1206 4555		
12.15.20	JB	RSC Resources, LP	6824 Island Circle	Midland	TX	79707	7017 3040 0000 1206 4562		
12.15.20	JB	Meco IV, LLC	1200 17th Street, Ste 975	Denver	CO	80202	7017 3040 0000 1206 4579		
12.15.20	JB	NMSLO	310 Old Santa Fe Trail	Santa Fe	NM	87501	7017 3040 0000 1206 4548		

From: [Engineer, OCD, EMNRD](#)
To: [Jeanette Barron](#)
Cc: [McClure, Dean, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Kautz, Paul, EMNRD](#); lisa@rwbyram.com; [Holm, Anchor E.; Dawson, Scott](#)
Subject: Approved Administrative Order OLM-226
Date: Friday, January 8, 2021 5:08:03 PM
Attachments: [OLM226 Order.pdf](#)

NMOCD has issued Administrative Order OLM-226 which authorizes COG Operating, LLC (229137) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	Location (NMPPM)	Pool Code
30-025-42942	Vast State #2H	P-17-26S-33E	97900
30-025-42943	Vast State #3H	O-17-26S-33E	97900
30-025-42945	Vast State #4H	O-17-26S-33E	97900
30-025-42946	Vast State #5H	O-17-26S-33E	97900

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-226
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 4531	Delivered
12/18/2020	Bradley s. Bates	7017 3040 0000 1206 4555	Delivered
12/21/2020	RSC Resources, LP	7017 3040 0000 1206 4562	Delivered
12/19/2020	Meco IV, LLC	7017 3040 0000 1206 4579	Delivered
12/21/2020	NMSLO	7017 3040 0000 1206 4548	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-226

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-226

Operator: COG Operating, LLC (229137)

Central Tank Battery: Vast State 2H 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
RED HILLS; UPPER BONE SPRING SHALE	97900

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
30-025-42942	Vast State #2H	P-17-26S-33E	97900	
30-025-42943	Vast State #3H	O-17-26S-33E	97900	
30-025-42945	Vast State #4H	O-17-26S-33E	97900	
30-025-42946	Vast State #5H	O-17-26S-33E	97900	

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 12203

CONDITIONS OF APPROVAL

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX79701			OGRID: 229137	Action Number: 12203	Action Type: C-107B
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.				