

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

Form C-107-B  
Revised August 1, 2011

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: AVANT OPERATING, LLC  
OPERATOR ADDRESS: 1515 WYNKOOP STREET, SUITE #700 DENVER, CO 80202  
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. CTB-1036

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
ANTELOPE RIDGE; BONE SPRING NORTH [2205]	42.1° / 1145 BTU/CF			VALUE OF PRODUCTION NOT AFFECTED BY COMMINGLING	700 BOPD 1300 MCF

- (2) Are any wells producing at top allowances? ☐ 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: Tiffany Sarantinos TITLE: Sr. Landman DATE: 07.05.2022

TYPE OR PRINT NAME Tiffany Sarantinos TELEPHONE NO.: 720-746-5048

E-MAIL ADDRESS: tiffany@avantnr.com



August 11<sup>th</sup>, 2022

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

RE: Amendment of C-107B for Surface Commingling  
Approved Order No. CTB-1036

To Whom it May Concern:

Avant Operating, LLC, OGRID No. 330396, requests to amend our approved order No. CTB-1036 dated May 5, 2022 to allow for the commingling of future infill wells. We request for the addition of pools, leases and wells, in accordance with 19.15.12.10.C.(4)(g) NMAC. The addition of potential pools, leases and wells will not reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.

Production will come from multiple Federal leases and a single zone (pool number 2205), where the ownership remains identical. All wells will continue go through individual three-phase separators and each stream (oil, gas, water) will be measured as it exits the three-phase separator. Oil will be measured at the three-phase separator with a Coriolis meter, Gas will be measured with an orifice meter, and water will be measured with a mag meter.

Commingling will remain after the three-phase separator. The gas will flow into a common line after the three-phase separator, flow is directed through an additional two-phase separator to remove any excess liquids before gas is sent into a 3rd party gas gathering system. The oil will continue to be commingled after the three-phase separator into a common line, where it then flows into oil tanks before it is pumped into a 3rd party crude gathering system. The water will be commingled after the three-phase separator into a common line, where it then flows into a gun barrel before it is pumped into a 3rd party



water gathering system. Oil and gas sales will be allocated against sales meter volumes. All meters will be calibrated according to manufacturer's recommendations.

Sincerely,

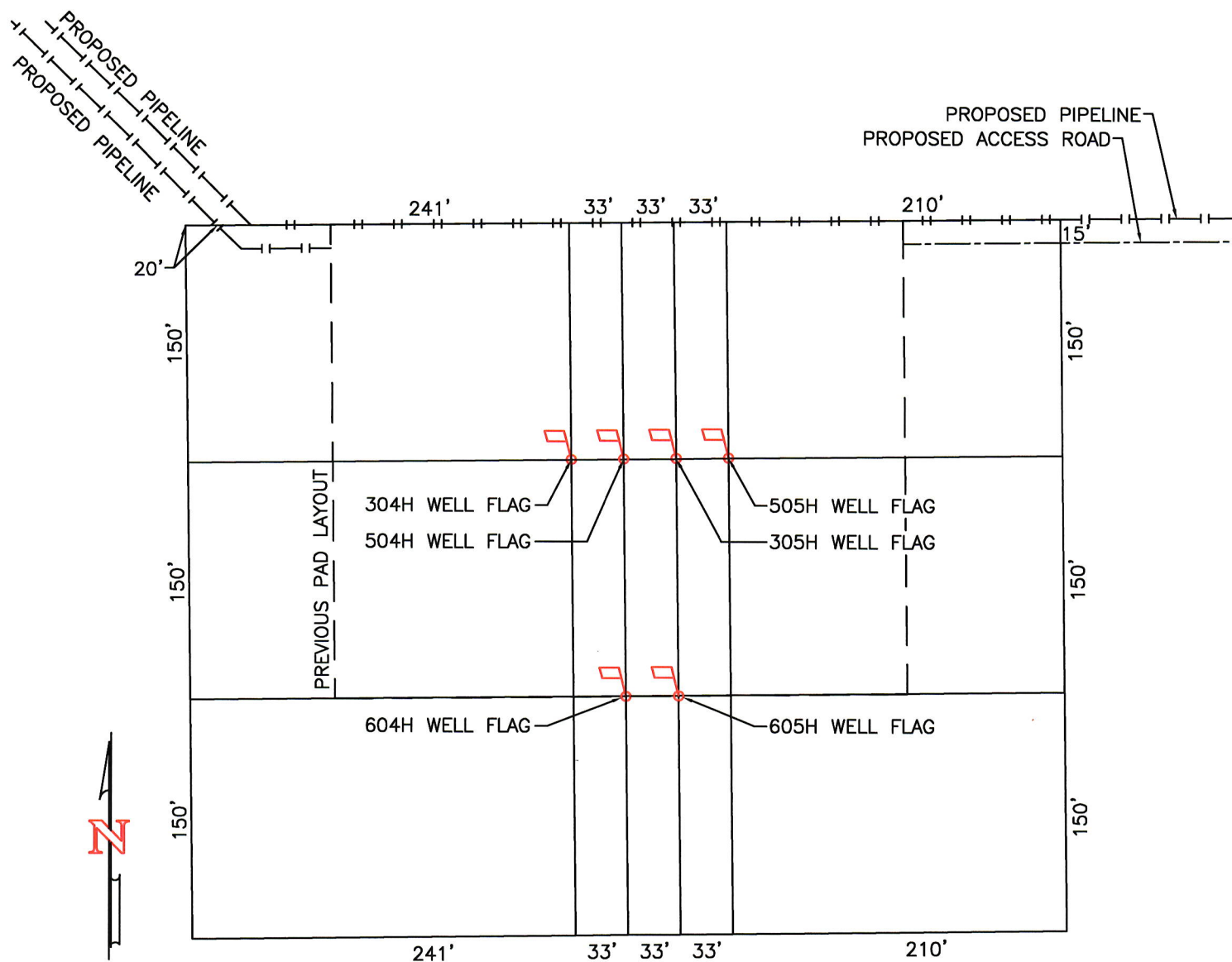
A handwritten signature in blue ink, appearing to read "Tiffany Sarantinos".

Tiffany Sarantinos

Sr. Landman

[tiffany@avantnr.com](mailto:tiffany@avantnr.com)

**AVANT OPERATING, LLC**  
**GOLDEN TEE 31 FED COM PAD #4**  
 SECTION 31, T-22-S, R-35-E, N.M.P.M.,  
 LEA COUNTY, N.M.



0 50 100  
 SCALE: 1"=100'

OVERALL DIMENSIONS: 550' X 450'

**NOTES:**

1. ALL BEARINGS, DISTANCES & COORDINATES SHOWN ARE BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83, IN U.S. SURVEY FEET.
2. CONTRACTOR SHALL CONTACT "ONE-CALL" FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINE OR CABLES ON WELL PAD AND/OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.
3. UNITED FIELD SERVICES, INC. IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.

WELL FLAG	FNL	FEL
304H	400'	1,514'
504H	400'	1,481'
305H	400'	1,448'
505H	400'	1,415'
604H	550'	1,481'
605H	550'	1,448'

I, MARSHALL W. LINDEEN, NEW MEXICO PROFESSIONAL SURVEYOR NO. 17078, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY; THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO; AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO LAND DIVISION ACT.

MARSHALL W. LINDEEN P.S. #17078

DATE

**AVANT OPERATING, LLC**

SURVEYED: 12/20/20 & 12/27/21	REV. DATE/BY: 1/05/22/K.S.	APP. BY: M.W.L.
DRAWN BY: A.A.D.	DATE DRAWN: 12/30/20	FILE NAME: 11527-PAD4



P.O. BOX 3651  
 FARMINGTON, NM 87499  
 OFFICE: (505) 334-0408



## ★ Golden Tee Pad 4

- Golden Tee 31 Fed Com 304H
- Golden Tee 31 Fed Com 504H
- Golden Tee 31 Fed Com 305H
- Golden Tee 31 Fed Com 505H

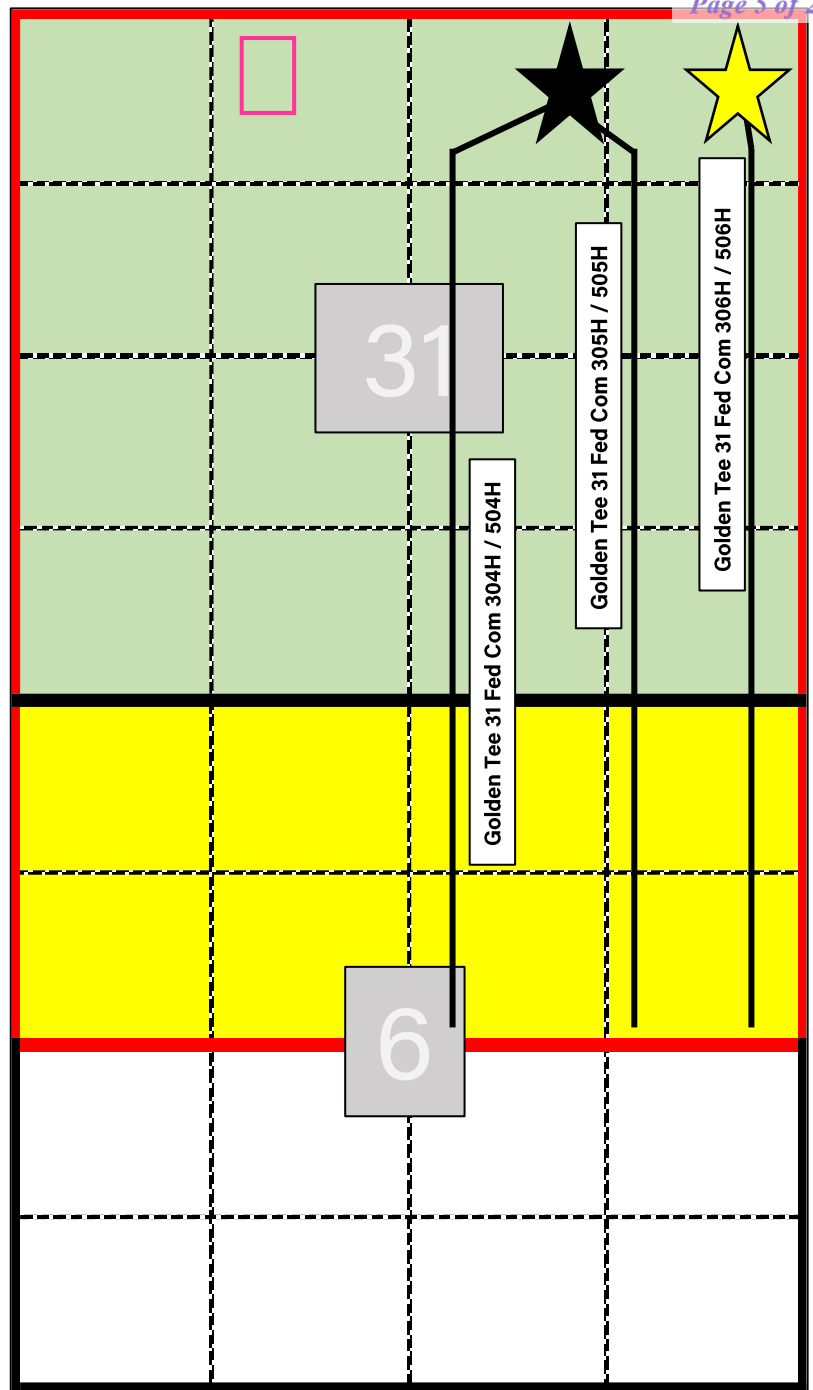
## ★ Golden Tee Pad 2

- Golden Tee 31 Fed Com 306H
- Golden Tee 31 Fed Com 506H

□ Golden Tee CTB

<b>Section 31 (ALL)</b>	<b>NMNM 128836</b>
<b>Section 6 (N2)</b>	<b>NMNM 141530</b>

\*\*\* Communitization Agreement submitted 08/2021, still awaiting approval; All leased federal minerals



Plat No.	Well Names	Formation	Unit Description	Unit Acres	NMOCD Pooling Order
1	Golden Tee 31 Fed Com 304H	Bone Spring	All Sec 31-T22S-R35E & N2 Sec 6-T23S-R35E	957.44	N/A; All participating owners
2	Golden Tee 31 Fed Com 305H	Bone Spring	All Sec 31-T22S-R35E & N2 Sec 6-T23S-R35E	957.44	N/A; All participating owners
3	Golden Tee 31 Fed Com 306H	Bone Spring	All Sec 31-T22S-R35E & N2 Sec 6-T23S-R35E	957.44	N/A; All participating owners
4	Golden Tee 31 Fed Com 504H	Bone Spring	All Sec 31-T22S-R35E & N2 Sec 6-T23S-R35E	957.44	N/A; All participating owners
5	Golden Tee 31 Fed Com 505H	Bone Spring	All Sec 31-T22S-R35E & N2 Sec 6-T23S-R35E	957.44	N/A; All participating owners
6	Golden Tee 31 Fed Com 506H	Bone Spring	All Sec 31-T22S-R35E & N2 Sec 6-T23S-R35E	957.44	N/A; All participating owners

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Form C-102

Revised August 1, 2011

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District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Golden Tee 31 Fed Com</b>	<sup>6</sup> Well Number <b>304H</b>
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name <b>Avant Operating, LLC</b>	<sup>9</sup> Elevation <b>3474</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>B</b>	<b>31</b>	<b>22 S</b>	<b>35 E</b>		<b>400</b>	<b>North</b>	<b>1514</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>F</b>	<b>6</b>	<b>23 S</b>	<b>35 E</b>		<b>2540</b>	<b>North</b>	<b>2514</b>	<b>West</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

**16**

**SURFACE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 493885.15 N  
X= 828593.93 E  
LAT.= 32.3543302° N  
LONG.= 103.4030863° W

**FIRST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
100' FNL, 2514' FWL  
SEC. 31, T22S, R35E  
Y= 494172.94 N  
X= 827371.13 E  
LAT.= 32.3551503° N  
LONG.= 103.4070377° W

**LAST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
2540' FNL, 2514' FWL  
SEC. 6, T23S, R35E  
Y= 486454.28 N  
X= 827424.87 E  
LAT.= 32.3339343° N  
LONG.= 103.4070799° W

**BOTTOM HOLE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 486454.28 N  
X= 827424.87 E  
LAT.= 32.3339343° N  
LONG.= 103.4070799° W

**Legend:**  
● = Surface Location  
○ = Bottom Hole Location  
△ = First Take Point (FTP)  
□ = Last Take Point (LTP)  
● = Found 1913 USGLO Brass Cap  
● = Found 1918 USGLO Brass Cap  
● = Found 1" Iron Rod  
● = Found 1/2" Rebar with Cap  
○ = Found Cut Tee Post

**17 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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**18 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.

**12/27/21**

Date of Survey  
Plat Revised: 2/1/22  
Signature and Seal of Professional Surveyor

**MARSHALL W. LINDEEN**  
NEW MEXICO  
17078  
2-4-22  
PROFESSIONAL SURVEYOR

**17078**  
Certificate Number



**DISTRICT I**  
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State of New Mexico  
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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	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Golden Tee 31 Fed Com</b>	<sup>6</sup> Well Number <b>305H</b>
<sup>7</sup> GRID No.	<sup>8</sup> Operator Name <b>Avant Operating, LLC</b>	<sup>9</sup> Elevation <b>3474</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>B</b>	<b>31</b>	<b>22 S</b>	<b>35 E</b>		<b>400</b>	<b>North</b>	<b>1448</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>G</b>	<b>6</b>	<b>23 S</b>	<b>35 E</b>		<b>2540</b>	<b>North</b>	<b>1548</b>	<b>East</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

**16**

**SURFACE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 493885.93 N  
X= 828659.90 E  
LAT.= 32.3543307° N  
LONG.= 103.4028727° W

**FIRST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
100' FNL, 1548' FEL  
SEC. 31, T22S, R35E  
Y= 494184.89 N  
X= 828557.03 E  
LAT.= 32.3551549° N  
LONG.= 103.4031974° W

**LAST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
2540' FNL, 1548' FEL  
SEC. 6, T23S, R35E  
Y= 486466.51 N  
X= 828627.84 E  
LAT.= 32.3339393° N  
LONG.= 103.4031852° W

**BOTTOM HOLE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 486466.51 N  
X= 828627.84 E  
LAT.= 32.3339393° N  
LONG.= 103.4031852° W

**Legend:**  
● = Surface Location  
○ = Bottom Hole Location  
△ = First Take Point (FTP)  
□ = Last Take Point (LTP)  
● = Found 1913 USGLO Brass Cap  
⊕ = Found 1918 USGLO Brass Cap  
⊙ = Found 1" Iron Rod  
⊗ = Found 1/2" Rebar with Cap  
○ = Found Cut Tee Post

**17 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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**18 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.

**12/27/21**

Date of Survey  
Plat Revised: 2/1/22  
Signature and Seal

**MARSHALL W. LINDEEN**  
**NEW MEXICO**  
**17078**  
**2-4-22**  
**PROFESSIONAL SURVEYOR**

**17078**  
Certificate Number



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State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102

Revised August 1, 2011

**OIL CONSERVATION DIVISION**

Submit one copy to appropriate

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Phone: (505) 476-3460 Fax: (505) 476-3462

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Golden Tee 31 Fed Com</b>	<sup>6</sup> Well Number <b>306H</b>
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name <b>Avant Operating, LLC</b>	<sup>9</sup> Elevation <b>3505</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>A</b>	<b>31</b>	<b>22 S</b>	<b>35 E</b>		<b>583</b>	<b>North</b>	<b>430</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>H</b>	<b>6</b>	<b>23 S</b>	<b>35 E</b>		<b>2540</b>	<b>North</b>	<b>330</b>	<b>East</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres	<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  
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**16**

**SURFACE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 493712.83 N  
X= 829679.75 E  
LAT.= 32.3538306° N  
LONG.= 103.3995753° W

**FIRST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
100' FNL, 330' FEL  
SEC. 31, T22S, R35E  
Y= 494197.17 N  
X= 829774.97 E  
LAT.= 32.3551595° N  
LONG.= 103.3992533° W

**LAST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
2540' FNL, 330' FEL  
SEC. 6, T23S, R35E  
Y= 486478.84 N  
X= 829845.65 E  
LAT.= 32.3339441° N  
LONG.= 103.3992424° W

**BOTTOM HOLE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 486478.84 N  
X= 829845.65 E  
LAT.= 32.3339441° N  
LONG.= 103.3992424° W

**Legend:**  
 ● = Surface Location  
 ○ = Bottom Hole Location  
 △ = First Take Point (FTP)  
 □ = Last Take Point (LTP)  
 ● = Found 1913 USGLO Brass Cap  
 ⊕ = Found 1918 USGLO Brass Cap  
 ⊙ = Found 1" Iron Rod  
 ⊗ = Found 1/2" Rebar with Cap  
 ○ = Found Cut Tee Post

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

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12/27/21

Date of Survey  
Plat Revised: 2/1/22  
Signature and Seal of Professional Surveyor

**MARSHALL W. LINDEN**  
NEW MEXICO  
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2-4-22  
PROFESSIONAL SURVEYOR

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Certificate Number



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**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Golden Tee 31 Fed Com</b>	<sup>6</sup> Well Number <b>504H</b>
<sup>7</sup> GRID No.	<sup>8</sup> Operator Name <b>Avant Operating, LLC</b>	<sup>9</sup> Elevation <b>3474</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>B</b>	<b>31</b>	<b>22 S</b>	<b>35 E</b>		<b>400</b>	<b>North</b>	<b>1481</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>F</b>	<b>6</b>	<b>23 S</b>	<b>35 E</b>		<b>2540</b>	<b>North</b>	<b>2514</b>	<b>West</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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**

**16**

**SURFACE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 493885.49 N  
X= 828626.97 E  
LAT.= 32.3543303° N  
LONG.= 103.4029793° W

**FIRST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
100' FNL, 2514' FWL  
SEC. 31, T22S, R35E  
Y= 494172.94 N  
X= 827371.13 E  
LAT.= 32.3551503° N  
LONG.= 103.4070377° W

**LAST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
2540' FNL, 2514' FWL  
SEC. 6, T23S, R35E  
Y= 486454.28 N  
X= 827424.87 E  
LAT.= 32.3339343° N  
LONG.= 103.4070799° W

**BOTTOM HOLE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 486454.28 N  
X= 827424.87 E  
LAT.= 32.3339343° N  
LONG.= 103.4070799° W

**Legend:**  
 ● = Surface Location  
 ○ = Bottom Hole Location  
 △ = First Take Point (FTP)  
 □ = Last Take Point (LTP)  
 ● = Found 1913 USGLO Brass Cap  
 ⊕ = Found 1918 USGLO Brass Cap  
 ⊙ = Found 1" Iron Rod  
 ⊗ = Found 1/2" Rebar with Cap  
 ○ = Found Cut Tee Post

**17 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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**18 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.

**12/27/21**

Date of Survey  
Plat Revised: 2/1/22  
Signature and Seal of Professional Surveyor

**MARSHALL W. LINDEEN**  
NEW MEXICO  
17078  
2-4-22  
PROFESSIONAL SURVEYOR

**17078**  
Certificate Number

**DISTRICT I**  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102

Revised August 1, 2011

**DISTRICT II**  
611 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**OIL CONSERVATION DIVISION**

Submit one copy to appropriate

District Office

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

1220 South St. Francis Dr.  
Santa Fe, N.M. 87505

**DISTRICT IV**  
1220 S. St. Francis Dr., Santa Fe, N.M. 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Golden Tee 31 Fed Com</b>	<sup>6</sup> Well Number <b>506H</b>
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name <b>Avant Operating, LLC</b>	<sup>9</sup> Elevation <b>3505</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>A</b>	<b>31</b>	<b>22 S</b>	<b>35 E</b>		<b>550</b>	<b>North</b>	<b>430</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>H</b>	<b>6</b>	<b>23 S</b>	<b>35 E</b>		<b>2540</b>	<b>North</b>	<b>330</b>	<b>East</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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**

**16**

**SURFACE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 493745.87 N  
X= 829679.43 E  
LAT.= 32.3539214° N  
LONG.= 103.3995754° W

**FIRST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
100' FNL, 330' FEL  
SEC. 31, T23S, R35E  
Y= 494197.17 N  
X= 829774.97 E  
LAT.= 32.3551595° N  
LONG.= 103.3992533° W

**LAST TAKE POINT**  
NAD 83 NMSPC ZONE 3001  
2540' FNL, 330' FEL  
SEC. 6, T23S, R35E  
Y= 486478.84 N  
X= 829845.65 E  
LAT.= 32.3339441° N  
LONG.= 103.3992424° W

**BOTTOM HOLE LOCATION**  
NAD 83 NMSPC ZONE 3001  
Y= 486478.84 N  
X= 829845.65 E  
LAT.= 32.3339441° N  
LONG.= 103.3992424° W

**Legend:**  
● = Surface Location  
○ = Bottom Hole Location  
△ = First Take Point (FTP)  
□ = Last Take Point (LTP)  
● = Found 1913 USGLO Brass Cap  
● = Found 1918 USGLO Brass Cap  
⊙ = Found 1" Iron Rod  
⊙ = Found 1/2" Rebar with Cap  
○ = Found Cut Tee Post

**17 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.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**18 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.

12/27/21

Date of Survey  
Plat Revised: 2/4/22  
Signature and Seal of Professional Surveyor

**MARSHALL W. LINDEN**  
NEW MEXICO  
17078  
2-4-22  
PROFESSIONAL SURVEYOR

17078  
Certificate Number



**DISTRICT I**  
1625 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico  
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**DISTRICT II**  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

## OIL CONSERVATION DIVISION

Revised August 1, 2011

Submit one copy to appropriate  
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**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
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**DISTRICT IV**  
1220 S. St. Francis Dr., Santa Fe, N.M. 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>Golden Tee 31 Fed Com</b>	<sup>6</sup> Well Number <b>606H</b>
<sup>7</sup> GRID No.	<sup>8</sup> Operator Name <b>Avant Operating, LLC</b>	<sup>9</sup> Elevation <b>3505</b>

<sup>10</sup> Surface Location

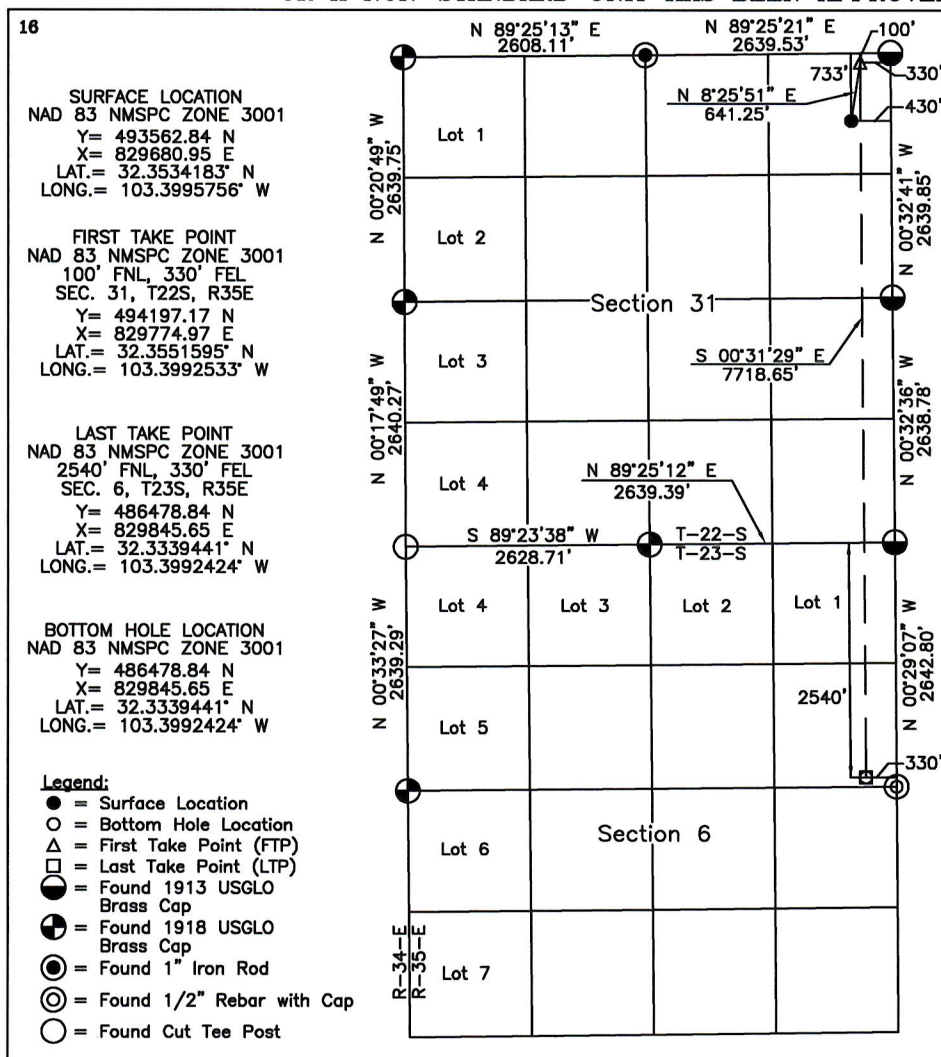
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>31</b>	<b>22 S</b>	<b>35 E</b>		<b>733</b>	<b>North</b>	<b>430</b>	<b>East</b>	<b>Lea</b>

<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>H</b>	<b>6</b>	<b>23 S</b>	<b>35 E</b>		<b>2540</b>	<b>North</b>	<b>330</b>	<b>East</b>	<b>Lea</b>

<sup>12</sup> Dedicated Acres	<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

**17 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.

Signature

Date

Printed Name

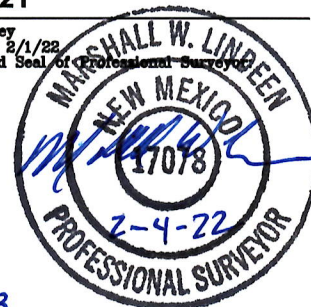
E-mail Address

**18 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.

12/27/21

Date of Survey  
Plat Revised: 2/1/22  
Signature and Seal of Professional Surveyor



17078  
Certificate Number

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: \_\_\_\_\_ OGRID Number: \_\_\_\_\_  
 Well Name: \_\_\_\_\_ API: \_\_\_\_\_  
 Pool: \_\_\_\_\_ Pool Code: \_\_\_\_\_

### 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.**

\_\_\_\_\_  
 Print or Type Name

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Phone Number

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 e-mail Address

**From:** [McClure, Dean, EMNRD](#) on behalf of [Engineer, OCD, EMNRD](#)  
**To:** [Tiffany Sarantinos](#); [Shelly Albrecht](#)  
**Cc:** [McClure, Dean, EMNRD](#); [Kautz, Paul, EMNRD](#); [Wrinkle, Justin, EMNRD](#); [Powell, Brandon, EMNRD](#); [lisa@rwbyram.com](mailto:lisa@rwbyram.com); [Paradis, Kyle O](#); [Walls, Christopher](#)  
**Subject:** Approved Administrative Order CTB-1036-A  
**Date:** Monday, October 31, 2022 8:26:23 AM  
**Attachments:** [CTB1036A Order.pdf](#)

NMOCD has issued Administrative Order CTB-1036-A which authorizes Avant Operating, LLC (330396) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-49324	Golden Tee 31 Federal Com #301H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49325	Golden Tee 31 Federal Com #302H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49365	Golden Tee 31 Federal Com #501H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49330	Golden Tee 31 Federal Com #502H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49327	Golden Tee 31 Federal Com #304H	E/2 W/2 E/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49406	Golden Tee 31 Federal Com #504H	E/2 W/2 E/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49328	Golden Tee 31 Federal Com #305H	W/2 E/2 W/2 NE/4	31-22S-35E 6-23S-35E	2205
30-025-49331	Golden Tee 31 Federal Com #505H	W/2 E/2 W/2 NE/4	31-22S-35E 6-23S-35E	2205
30-025-49329	Golden Tee 31 Federal Com #306H	E/2 E/2 E/2 NE/4	31-22S-35E 6-23S-35E	2205
30-025-49332	Golden Tee 31 Federal Com #506H	E/2 E/2 E/2 NE/4	31-22S-35E 6-23S-35E	2205

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. If you have any questions regarding this matter, please contact me.

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

Owner Name	Interest Type	Address	Notes	Email	Date Emailed	Certified Mail Tracking No.	Date Mailed	Cert. Mailing Returned
Avant Operating, LLC	WI	NA		n/a				
Northern Oil and Gas, Inc.	WI	601 Carlson Pkwy, Suite 990 Minnetonka, MN 55305		<a href="mailto:kjackson@northernoil.com">kjackson@northernoil.com</a>	8/11/2022	7021 0950 0001 6464 4995	8/11/2022	
Northern Oil and Gas, Inc.	WI	4350 Baker Road, Suite 400 Minnetonka, MN 55343						
Del Rio Working Interest LLC	WI	3400 S. Broadway, Suite 100 Englewood, CO 80113		<a href="mailto:craig.brede@lincolnergypartners.net">craig.brede@lincolnergypartners.net</a>	8/11/2022	7021 0950 0001 6464 5008	8/11/2022	
T.H. McElvain Oil & Gas, LLLP	WI	1600 Stout Street, Suite 500 Denver, CO 80202		<a href="mailto:Steve.shefte@mcelvain.com">Steve.shefte@mcelvain.com</a>	8/11/2022	7018 2290 0002 1892 8670	8/11/2022	
Chief Capital (O&G) II LLC	WI	8111 Westchester Drive, Suite 900 Dallas, TX 75225		<a href="mailto:jMcKenzie@r-jholdings.com">jMcKenzie@r-jholdings.com</a>	8/11/2022	7018 2290 0002 1892 8687	8/11/2022	
BEXP I, LP	WI	5914 W. Courtyard Drive, Suite 340 Austin, TX 78730		<a href="mailto:jimmothershead@brighamexploration.com">jimmothershead@brighamexploration.com</a>	8/11/2022	7006 3450 0001 8869 2344	8/11/2022	
BEXP I, LP	WI	5914 W. Courtyard Drive, Suite 200 Austin, TX 78730						
United States of America	RI	301 Dinosaur Trail Santa Fe, NM 87508		n/a		7006 3450 0001 8869 2351	8/11/2022	
Pivotal Royalties Partners, LP	ORRI	2021 McKinnery Ave. Suite 1250 Dallas, TX 75201		<a href="mailto:qharris@twroyalties.com">qharris@twroyalties.com</a>	8/11/2022	7006 3450 0001 8869 2368	8/11/2022	
OGX Minerals LP	ORRI	P.O. Box 2064 Midland, TX 79702		<a href="mailto:mshepard@ogxresources.com">mshepard@ogxresources.com</a>	8/11/2022			
OGX Minerals LP	ORRI	400 N Marienfeld St., Suite 200 Midland, TX 79701				7006 3450 0001 8869 2382	8/11/2022	



OPERATING

August 11<sup>th</sup>, 2022

SENT VIA CERTIFIED MAIL

RE: Notice of C-107B Amendment  
Surface Commingling (Identical Ownership) for Avant Operating, LLC  
Golden Tee CTB-1036

Dear Sir/Madam:

For notice purposes, enclosed please find Avant Operating Energy, LLC's application filed with the New Mexico Oil Conservation Division ("NMOCD") to allow for the commingling of future infill wells, in which you may own an interest in the production:

1. Well Name: Golden Tee 31 Fed Com #304H  
Pool: ANTELOPE RIDGE; BONE SPRING, NORTH [2205]  
API: 30-025-49327  
Location: SHL: A- Section 31-22S-35E, BHL: G-Section 6-23S-35E
2. Well Name: Golden Tee 31 Fed Com #504H  
Pool: ANTELOPE RIDGE; BONE SPRING, NORTH [2205]  
API: 30-025-49406  
Location: SHL: A- Section 31-22S-35E, BHL: G-Section 6-23S-35E
3. Well Name: Golden Tee 31 Fed Com #305H  
Pool: ANTELOPE RIDGE; BONE SPRING, NORTH [2205]  
API: 30-025-49328  
Location: SHL: A- Section 31-22S-35E, BHL: H-Section 6-23S-35E
4. Well Name: Golden Tee 31 Fed Com #505H  
Pool: ANTELOPE RIDGE; BONE SPRING, NORTH [2205]  
API: 30-025-49331  
Location: SHL: A- Section 31-22S-35E, BHL: H-Section 6-23S-35E
5. Well Name: Golden Tee 31 Fed Com #306H  
Pool: ANTELOPE RIDGE; BONE SPRING, NORTH [2205]  
API: 30-025-49329  
Location: SHL: A- Section 31-22S-35E, BHL: H-Section 6-23S-35E
6. Well Name: Golden Tee 31 Fed Com #506H  
Pool: ANTELOPE RIDGE; BONE SPRING, NORTH [2205]  
API: 30-025-49332  
Location: SHL: A- Section 31-22S-35E, BHL: H-Section 6-23S-35E

---

1515 Wynkoop Street | Suite 700 | Denver, CO 80202  
www.avantnr.com





OPERATING

Avant Operating Energy, LLC's specific plans under this application are as follows:

Avant Operating Energy, LLC, OGRID No. 330396, requests to amend our approved order to allow for the commingling of future infill wells. We requested for the addition of pools, leases and wells, in accordance with 19.15.12.1.C(4)(g) NMAC. The addition of potential pools, leases and wells will not reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.

Production will come from multiple Federal leases and a single zone (pool number 2205) where the ownership remains identical. All wells will continue to go through individual three-phase separators and each stream (oil, gas, water) will be measured as it exits the three-phase separator. Oil will be measured at the three-phase separator with a Coriolis meter, Gas will be measured with an orifice meter, and water will be measured with a mag meter.

Commingling will remain after the three-phase separator. The gas will flow into a common line after the three-phase separator, flow is directed through an additional two-phase separator to remove any excess liquids before gas is sent into a 3rd party gas gathering system. The oil will be commingled after the three-phase separator into a common line, where it then flows into oil tanks before it is pumped into a 3rd party crude gathering system. The water will be commingled after the three-phase separator into a common line, where it then flows into a gun barrel before it is pumped into a 3rd party water gathering system. Oil and gas sales will be allocated against sales meter volumes. All meters will be calibrated according to manufacturer's recommendations.

Pursuant to Rule 19.15.12.10(C)(4)(c), any objection or requests for a hearing regarding this application must be submitted to the NMOCD Santa Fe office in writing within 20 days from the date the OCD received the application. The NMOCD has received amendment today, August 11<sup>th</sup>, 2022.

Should you have any questions, please contact the undersigned at the contact information provided below.  
Respectfully,

Avant Operating Energy, LLC

A handwritten signature in blue ink that reads "Tiffany Sarantinos".

Tiffany Sarantinos

[tiffany@avantnr.com](mailto:tiffany@avantnr.com) | 720-746-5048

Enclosures

---

1515 Wynkoop Street | Suite 700 | Denver, CO 80202  
[www.avantnr.com](http://www.avantnr.com)



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

**APPLICATION FOR SURFACE COMMINGLING  
SUBMITTED BY AVANT OPERATING, LLC**

**ORDER NO. CTB-1036**

**ORDER**

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

**FINDINGS OF FACT**

1. Avant Operating, LLC (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant in the notice for the Application stated that it sought authorization to add additional pools, leases, and wells and identified the parameters to make such additions.
7. Applicant submitted or intends to submit one or more proposed communitization agreement(s) (“Proposed Agreement(s)”) to the BLM or NMSLO, as applicable, identifying the acreage of each lease to be consolidated into a single pooled area (“Pooled Area”), as described in Exhibit B.

**CONCLUSIONS OF LAW**

8. 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, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.

9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.
10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
12. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
13. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10.C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
14. 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 surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery described in Exhibit A.

2. For each Pooled Area described in Exhibit B, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil and gas production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

No later than sixty (60) days after the BLM or NMSLO approves or denies a Proposed Agreement, Applicant shall submit a Form C-103 to OCD with a copy of the decision and a description of the approved lands, as applicable. If Applicant withdraws or the BLM or NMSLO denies a Proposed Agreement, this Order shall terminate on the date of such action, and Applicant shall cease commingling the production from the Pooled Area. If the BLM or NMSLO approves but modifies the Proposed Agreement(s), Applicant shall comply with the approved Agreement(s), and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingling application to OCD to conform this Order with the approved Agreement(s). If Applicant fails to submit the new surface commingling application or OCD denies the new surface commingling application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil and gas production to each lease within a Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the Pooled Area described in Exhibit B until the Proposed Agreement which includes the Pooled Area is approved. After the Proposed Agreement is approved, the oil and gas production from the Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the Agreement, including any production that had been allocated previously in accordance with this Order.

3. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
4. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
5. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.
6. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.
7. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
8. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10.C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
9. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
10. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
11. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**



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**ADRIENNE E. SANDOVAL  
DIRECTOR**

**DATE:** 5/09/2022

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit A

Order: **CTB-1036**

Operator: **Avant Operating, LLC (330396)**

Central Tank Battery: **Golden Tee Central Tank Battery**

Central Tank Battery Location: **UL C, Section 31, Township 22 South, Range 35 East**

Gas Title Transfer Meter Location: **UL C, Section 31, Township 22 South, Range 35 East**

### Pools

Pool Name	Pool Code
<b>ANTELOPE RIDGE; BONE SPRING, NORTH</b>	<b>2205</b>

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

Lease	UL or Q/Q	S-T-R
<b>NMNM 128836</b>	<b>All</b>	<b>31-22S-35E</b>
<b>NMNM 141530</b>	<b>N/2</b>	<b>6-23S-35E</b>

### Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
<b>30-025-49324</b>	<b>Golden Tee 31 Federal Com #301H</b>	<b>W/2 W/2</b>	<b>31-22S-35E</b>	<b>2205</b>
		<b>W/2 NW/4</b>	<b>6-23S-35E</b>	
<b>30-025-49325</b>	<b>Golden Tee 31 Federal Com #302H</b>	<b>W/2 W/2</b>	<b>31-22S-35E</b>	<b>2205</b>
		<b>W/2 NW/4</b>	<b>6-23S-35E</b>	
<b>30-025-49365</b>	<b>Golden Tee 31 Federal Com #501H</b>	<b>W/2 W/2</b>	<b>31-22S-35E</b>	<b>2205</b>
		<b>W/2 NW/4</b>	<b>6-23S-35E</b>	
<b>30-025-49330</b>	<b>Golden Tee 31 Federal Com #502H</b>	<b>W/2 W/2</b>	<b>31-22S-35E</b>	<b>2205</b>
		<b>W/2 NW/4</b>	<b>6-23S-35E</b>	

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit B

Order: **CTB-1036**  
Operator: **Avant Operating, LLC (330396)**

### Pooled Areas

Pooled Area	UL or Q/Q	S-T-R	Acres	Pooled Area ID
CA Bone Spring NMNM 143819	All N/2	31-22S-35E 6-23S-35E	957.44	A

### Leases Comprising Pooled Areas

Lease	UL or Q/Q	S-T-R	Acres	Pooled Area ID
NMNM 128836	All	31-22S-35E	638.08	A
NMNM 141530	N/2	6-23S-35E	319.36	A



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

**APPLICATION FOR SURFACE COMMINGLING  
SUBMITTED BY AVANT OPERATING, LLC**

**ORDER NO. CTB-1036-A**

**ORDER**

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

**FINDINGS OF FACT**

1. Avant Operating, LLC (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant in the notice for the Application stated that it sought authorization to prospectively include additional pools, leases, and wells in accordance with 19.15.12.10.C.(4)(g) NMAC.
7. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.
8. Applicant submitted or intends to submit one or more proposed communitization agreement(s) (“Proposed Agreement(s)”) to the BLM or NMSLO, as applicable, identifying the acreage of each lease to be consolidated into a single pooled area (“Pooled Area”), as described in Exhibit B.

### **CONCLUSIONS OF LAW**

9. 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, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.
11. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
12. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
13. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
14. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10.C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
15. 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 surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

2. This Order supersedes Order CTB-1036.
3. For each Pooled Area described in Exhibit B, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil and gas production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

No later than sixty (60) days after the BLM or NMSLO approves or denies a Proposed Agreement, Applicant shall submit a Form C-103 to OCD with a copy of the decision and a description of the approved lands, as applicable. If Applicant withdraws or the BLM or NMSLO denies a Proposed Agreement, this Order shall terminate on the date of such action, and Applicant shall cease commingling the production from the Pooled Area. If the BLM or NMSLO approves but modifies the Proposed Agreement(s), Applicant shall comply with the approved Agreement(s), and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingling application to OCD to conform this Order with the approved Agreement(s). If Applicant fails to submit the new surface commingling application or OCD denies the new surface commingling application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil and gas production to each lease within a Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the Pooled Area described in Exhibit B until the Proposed Agreement which includes the Pooled Area is approved. After the Proposed Agreement is approved, the oil and gas production from the Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the Agreement, including any production that had been allocated previously in accordance with this Order.

4. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
5. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling it with production from another well.
6. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
7. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.
8. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.
9. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later

than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.

10. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10.C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
11. If a well is not included in Exhibit A but produces from a pool and lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
12. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
13. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
14. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**



**ADRIENNE E. SANDOVAL  
DIRECTOR**

**DATE:** 10/28/2022

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit A

Order: CTB-1036-A

Operator: Avant Operating, LLC (330396)

Central Tank Battery: Golden Tee Central Tank Battery

Central Tank Battery Location: UL C, Section 31, Township 22 South, Range 35 East

Gas Title Transfer Meter Location: UL C, Section 31, Township 22 South, Range 35 East

### Pools

Pool Name	Pool Code
ANTELOPE RIDGE; BONE SPRING, NORTH	2205

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

Lease	UL or Q/Q	S-T-R
NMNM 128836	All	31-22S-35E
NMNM 141530	N/2	6-23S-35E

### Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-49324	Golden Tee 31 Federal Com #301H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49325	Golden Tee 31 Federal Com #302H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49365	Golden Tee 31 Federal Com #501H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49330	Golden Tee 31 Federal Com #502H	W/2 W/2 W/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49327	Golden Tee 31 Federal Com #304H	E/2 W/2 E/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49406	Golden Tee 31 Federal Com #504H	E/2 W/2 E/2 NW/4	31-22S-35E 6-23S-35E	2205
30-025-49328	Golden Tee 31 Federal Com #305H	W/2 E/2 W/2 NE/4	31-22S-35E 6-23S-35E	2205
30-025-49331	Golden Tee 31 Federal Com #505H	W/2 E/2 W/2 NE/4	31-22S-35E 6-23S-35E	2205
30-025-49329	Golden Tee 31 Federal Com #306H	E/2 E/2 E/2 NE/4	31-22S-35E 6-23S-35E	2205
30-025-49332	Golden Tee 31 Federal Com #506H	E/2 E/2 E/2 NE/4	31-22S-35E 6-23S-35E	2205

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit B

Order: CTB-1036-A  
Operator: Avant Operating, LLC (330396)

### Pooled Areas

Pooled Area	UL or Q/Q	S-T-R	Acres	Pooled Area ID
CA Bone Spring NMNM 143819	All N/2	31-22S-35E 6-23S-35E	957.44	A

### Leases Comprising Pooled Areas

Lease	UL or Q/Q	S-T-R	Acres	Pooled Area ID
NMNM 128836	All	31-22S-35E	638.08	A
NMNM 141530	N/2	6-23S-35E	319.36	A



**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 133058

**CONDITIONS**

Operator:  Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID:  330396
	Action Number:  133058
	Action Type:  [C-107] Surface Commingle or Off-Lease (C-107B)

**CONDITIONS**

Created By	Condition	Condition Date
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	10/31/2022