

RECEIVED: 03/29/22	REVIEWER: LRL	TYPE: NSL	APP NO: pLEL2208953149
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Applicant:** Avant Operating, LLC **OGRID Number:** 330396  
**Well Name:** Golden Tee 31 Fed Com 305H **API:** 30-025-49328  
**Pool:** Antelope Ridge; Bone Spring, North **Pool Code:** 2205

**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.**

Brian Wood

Print or Type Name

Signature

3-28-21

Date

505 466-8120

Phone Number

brian@permitswest.com

e-mail Address



FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

Form 3160-3  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
**APPLICATION FOR PERMIT TO DRILL OR REENTER**

5. Lease Serial No.

NMNM128836

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

GOLDEN TEE 31 FED COM  
[331355]

305H

9. API Well No.

30-025-49328

10. Field and Pool, or Exploratory [2205]  
Antelope Ridge/Bone Spring North

11. Sec., T. R. M. or Blk. and Survey or Area  
SEC 31/T22S/R35E/NMP

1a. Type of work: ☒ DRILL ☐ REENTER  
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other  
1c. Type of Completion: ☐ Hydraulic Fracturing ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
AVANT OPERATING LLC [330396]

3a. Address 3b. Phone No. (include area code)  
1515 WYNKOOP STREET, SUITE 700, DENVER, CO 80202 (720) 746-5045

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface NENE / 700 FNL / 430 FEL / LAT 32.3535093 / LONG -103.3995753  
At proposed prod. zone SENE / 2540 FNL / 1254 FEL / LAT 32.3339405 / LONG -103.4022338

14. Distance in miles and direction from nearest town or post office\*  
15 miles

12. County or Parish  
LEA

13. State  
NM

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any)  
430 feet

16. No of acres in lease

17. Spacing Unit dedicated to this well

240.21

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. 30 feet

19. Proposed Depth  
9880 feet / 17458 feet

20. BLM/BIA Bond No. in file  
FED: NMB001882

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
3506 feet

22. Approximate date work will start\*  
04/01/2021

23. Estimated duration  
60 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be requested by the BLM.

25. Signature  
(Electronic Submission)

Name (Printed/Typed)  
BRIAN WOOD / Ph: (720) 746-5045

Date  
02/18/2021

Title  
President

Approved by (Signature)  
(Electronic Submission)

Name (Printed/Typed)  
Cody Layton / Ph: (575) 234-5959

Date  
08/17/2021

Title  
Assistant Field Manager Lands & Minerals

Office  
Carlsbad Field Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NGMP Rec 08/18/2021

KZ  
08/19/2021

SL

(Continued on page 2)

\*(Instructions on page 2)



Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROV  
OMB No. 1004-0157  
Expires: October 31, 2021

EXHIBIT A

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

AVANT OPERATING, LLC

3a. Address 1515 WYNKOOP ST., SUITE 700  
DENVER CO 802023b. Phone No. (include area code)  
(720) 746-50454. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
400' FNL & 1448' FEL 31-22S-35E NMPM

5. Lease Serial No. NMNM-128836

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit of CA/Agreement, Name and/or No.

N/A

8. Well Name and No. GOLDEN TEE 31 FED COM 305H

9. API Well No. 30-025-49328

10. Field and Pool or Exploratory Area  
ANTELOPE RIDGE; BONE SPRING, NORTH

11. Country or Parish, State

LEA COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Move SHL 357' NW from 700' FNL & 430' FEL (pad 2) to 400' FNL & 1448' FEL (pad 4).  
Move BHL 294' west from 2540' FNL & 1254' FEL to 2540' FNL & 1548' FEL.  
TVD will change from 9880' to 9800'.  
MD will change from 17490' to 17329'.  
Cement volume will change accordingly.

"Pad 4" will now host 6 wells instead of previous 3.  
Pad dimensions will change from 300' x 360' (= 2.48 ac.) to 450' x 550' (5.68 ac.).

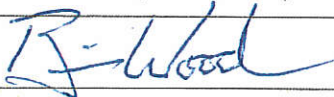
Will stockpile topsoil on south.  
Will interim reclaim south 60' of pad (60' x 550' = 0.76 ac.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

BRIAN WOOD (brian@permitswest.com; 505 466-8120)

Title CONSULTANT

Signature



Date

03/19/2022

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**DISTRICT I**  
1825 N. French Dr., Hobbs, N.M. 88240  
Phone: (575) 393-8161 Fax: (575) 393-0720

**DISTRICT II**  
811 S. First St., Artesia, N.M. 88210  
Phone: (575) 748-1283 Fax: (575) 748-8720

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

**DISTRICT IV**  
1220 S. St. Francis Dr., Santa Fe, N.M. 87505  
Phone: (505) 478-3480 Fax: (505) 478-3482

State of New Mexico  
Energy, Minerals & Natural Resources Department

## OIL CONSERVATION DIVISION

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

EXHIBIT B

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 <b>30-025-49328</b>	<sup>2</sup> Pool Code <b>2205</b>	<sup>3</sup> Pool Name <b>ANTELOPE RIDGE; BONE SPRING, NORTH</b>
<sup>4</sup> Property Code <b>331355</b>	<sup>5</sup> Property Name <b>Golden Tee 31 Fed Com</b>	
<sup>7</sup> GRID No. <b>330396</b>	<sup>8</sup> Operator Name <b>Avant Operating, LLC</b>	<sup>6</sup> Well Number <b>305H</b>
		<sup>9</sup> Elevation <b>3474</b>

<sup>10</sup> Surface Location

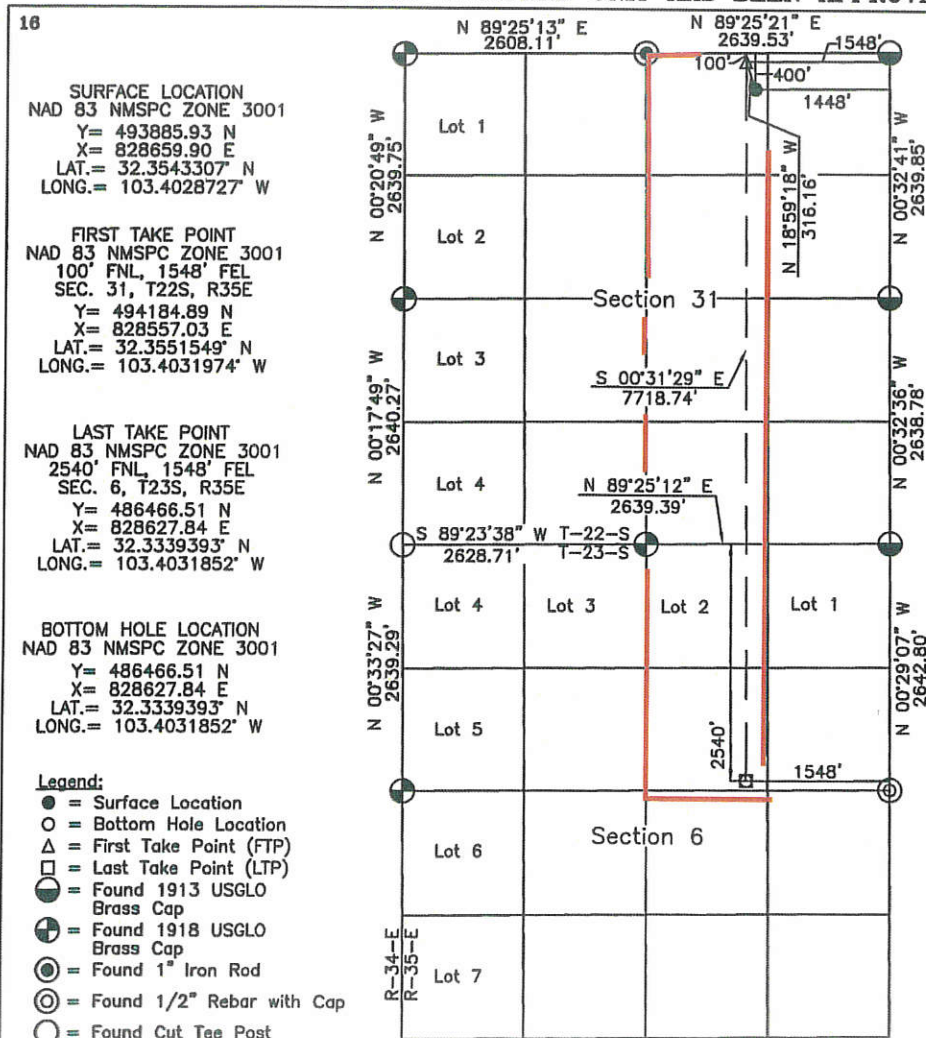
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>B</b>	<b>31</b>	<b>22 S</b>	<b>35 E</b>		<b>400</b>	<b>North</b>	<b>1448</b>	<b>East</b>	<b>Lea</b>

<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 <b>240.15</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code <b>C</b>	<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.

*Brian Wood*

3-19-22

Signature **BRIAN WOOD** DatePrinted Name **brian@permitswest.com**E-mail Address **505 466-8120****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

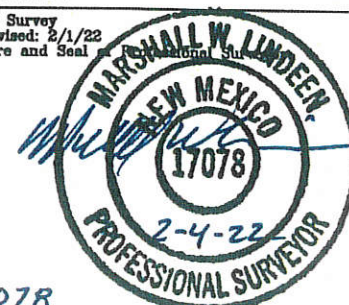
17078  
Certificate Number



EXHIBIT E

March 28, 2022

BLM  
620 E. Greene St.  
Carlsbad NM 88220

As required by New Mexico Oil Conservation Division (NMOCD) Rules, I am notifying you of the following nonstandard location (NSL) for a well. This letter is a notice only. No action is needed unless you have questions or objections.

Avant Operating, LLC is applying for NSL approval for its Golden Tee 31 Fed Com 305H as an Antelope Ridge; Bone Spring, North oil well. Minimum NMOCD distance for such an oil well's take points is 330' from the perpendicular dedication boundary. The well's take points are 102' further east than is standard (see attached application) for the Antelope Ridge; Bone Spring, North pool. Thus, it is a nonstandard location.

Well Name: Golden Tee 31 Fed Com 3055H TVD: 9,800' MD: 17,329'  
Proposed NSL Zone: 1<sup>st</sup> Bone Spring  
NSL Acreage Dedication: 240.15 acres (W2E2 31-22s-35e and Lot 2 & SWNE 6-23s-35e, Lea County, NM) on BLM leases NMNM-128836 & NMNM-141530  
Surface Hole Location: 400' FNL & 1448' FEL 31-22s-35e (15 air miles SW of Eunice, NM)  
Applicant Name: Avant Operating, LLC (720) 746-5045  
Applicant's Address: 1515 Wynkoop St., Suite 700, Denver CO 80202

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

Please call me if you have any questions.

Sincerely,

Brian Wood

7020 1810 0000 3948 6997

<b>U.S. Postal Service™</b>	
<b>CERTIFIED MAIL® RECEIPT</b>	
Domestic Mail Only	
For delivery information, visit our website at <a href="http://www.usps.com">www.usps.com</a> ®	
Carlsbad NM 88220	
<b>OFFICIAL USE</b>	
Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.56
Total Postage and Fees	\$8.36
Sent To	BLM
Street and Apt. No., or PO Box No.	
City, State, ZIP+4®	Carls.
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Stamp: SANTA FE, NM MAR 28 2022 0507 66



**NON-STANDARD LOCATION (NSL) APPLICATION  
AVANT OPERATING, LLC  
GOLDEN TEE 31 FED COM 305H  
API 30-025-49328  
SHL: 400' FNL & 1448' FEL 31-22S-35E  
FIRST TAKE POINT: 100' FNL & 1548' FEL 31-22S-35E  
LAST TAKE POINT & BHL: 2540' FNL & 1548' FEL 6-23S-35E  
LEA COUNTY, NM**

I. This proposed Antelope Ridge; Bone Spring, North (2205) oil well is on BLM surface and BLM oil and gas leases NMNM-128836 and NMNM-141530 that include W2E2 of 31-22s-35e and Lot 2 & SWNE of 6-23s-35e. Avant will dedicate these 240.15 acres to the first Bone Spring via a communitization agreement.

The well will be nonstandard because the take points are 102' too far east. This will be towards the interior of the same BLM leases and Avant's leasehold. Closest standard spacing would place the take points at 1650' FEL. The APD cover sheet and Sundry Notice are attached as Exhibit A. (Well has moved due to a better understanding of the reservoir.)

II. Exhibit B, revised Form C-102, shows the wellbore and dedication.

III. Leases are shown on EXHIBIT C. The well encroaches to the east, toward the interior of Avant's leasehold. This information is current and correct.

IV. Exhibit D shows the proposed NSL well and existing Bone Spring dedications. Avant's Golden Tee dedications are to the east and west. Centennial's Winnebago dedications are to the north. There are no Bone Spring dedications to the south.

V. Archaeology is not an issue.

VI. The need is to recover additional reserves and prevent waste.

*Released to Imaging: 5/9/2022 5:05:45 PM*



New Mexico State Land Office

EXHIBIT C

## Oil, Gas, and Minerals Leases and Wells



## Legend

- Townships
- Sections
- Subdivisions
- Active Wells**
  - Water Storage
  - Miscellaneous
  - ▲ Salt Water Disposal
  - Injection
  - ★ Carbon Dioxide
  - ◆ Gas
  - Oil
- Inactive Wells**
  - ✦ Plugged / Dry / Abandoned
  - Cancelled / Not Drilled
  - Unit Agreement Boundaries
  - Participating Areas in Units
  - Oil and Gas Leases

Disclaimer:  
The New Mexico State Land Office assumes no responsibility or liability for, or in connection with the accuracy, reliability or use of the information provided herein with respect to State Land Office data or data from other sources.

Data pertaining to New Mexico State Trust Lands are provisional and subject to revision, and do not constitute an official record of title. Official records may be reviewed at the New Mexico State Land Office in Santa Fe, New Mexico.

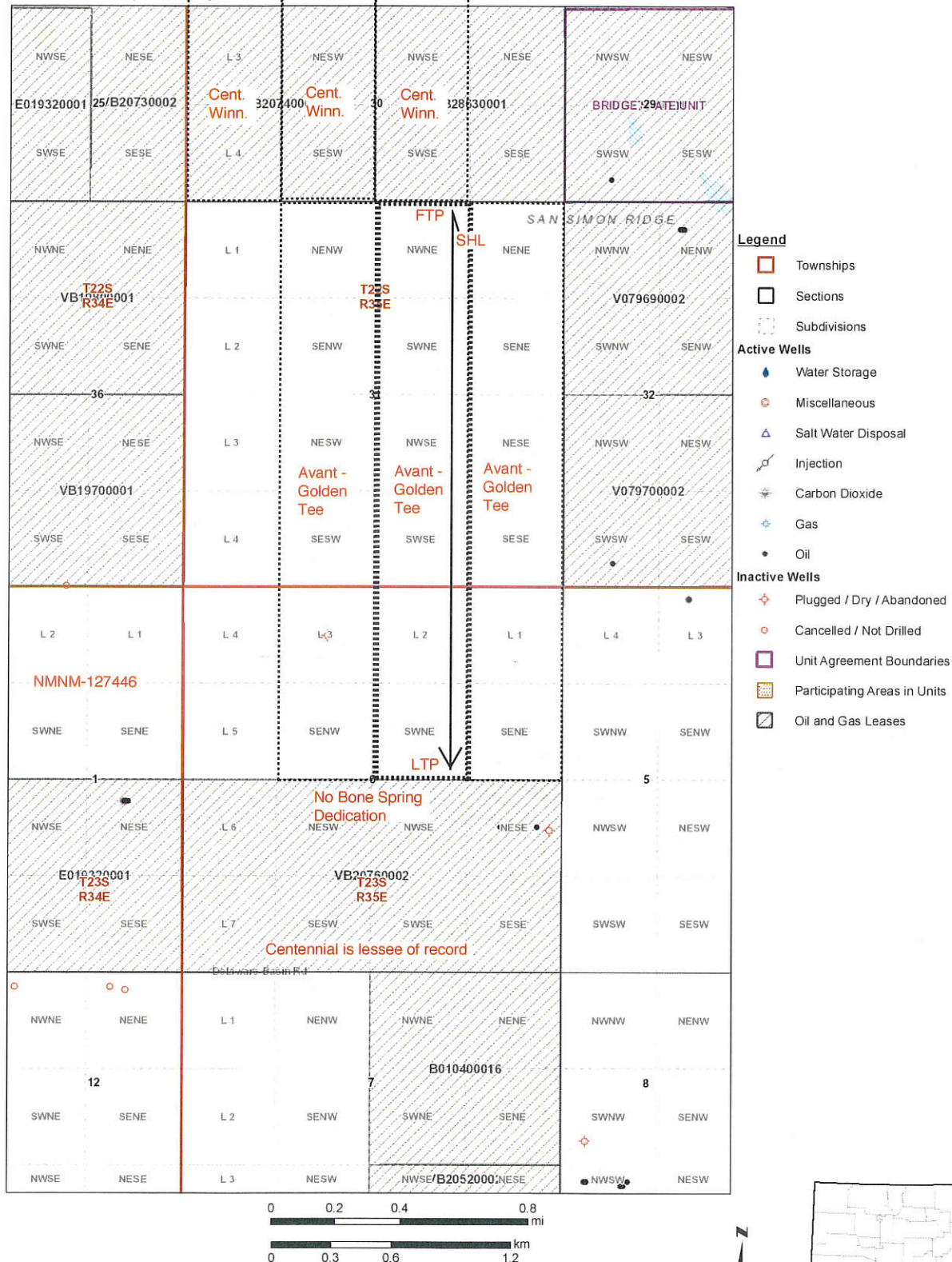
Map Created: 7/3/2021



New Mexico State Land Office

EXHIBIT D

## Oil, Gas, and Minerals Leases and Wells



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Map Created: 7/3/2021

**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 93783

**CONDITIONS**

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 93783
	Action Type: [UF-NSL] Non-Standard Location (NSL)

**CONDITIONS**

Created By	Condition	Condition Date
Ilowe	NSL-8346 is approved. The approved NSL order can be retrieved at the following website: <a href="https://ocdimage.emnrd.nm.gov/imaging/AEOrderCriteria.aspx">https://ocdimage.emnrd.nm.gov/imaging/AEOrderCriteria.aspx</a>	3/30/2022