



**Compulsory Pooling Hearing- Case No. 26144  
ALL of Section 21, N2 of Section 28  
T20S-R34E (960-acre Unit, Bone Spring)**

- Wells:**
- Paloma 28 21 Fed Com #201H**
  - Paloma 28 21 Fed Com #202H**
  - Paloma 28 21 Fed Com #203H**
  - Paloma 28 21 Fed Com #204H**
  - Paloma 28 21 Fed Com #205H**
  - Paloma 28 21 Fed Com #206H**
  - Paloma 28 21 Fed Com #301H**
  - Paloma 28 21 Fed Com #302H**
  - Paloma 28 21 Fed Com #303H**
  - Paloma 28 21 Fed Com #304H**
  - Paloma 28 21 Fed Com #305H**
  - Paloma 28 21 Fed Com #501H**
  - Paloma 28 21 Fed Com #502H**
  - Paloma 28 21 Fed Com #503H**
  - Paloma 28 21 Fed Com #504H**
  - Paloma 28 21 Fed Com #505H**
  - Paloma 28 21 Fed Com #506H**

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

**APPLICATION OF AVANT OPERATING II, LLC  
FOR APPROVAL OF A NON-STANDARD UNIT  
AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 26144**

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# COMPULSORY POOLING APPLICATION CHECKLIST

**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case: 26144	APPLICANT'S RESPONSE
Date: June 30, 2026	
Applicant	Avant Operating II, LLC
Designated Operator & OGRID (affiliation if applicable)	332947
Applicant's Counsel:	Kaitlyn A. Luck
Case Title:	APPLICATION OF AVANT OPERATING II, LLC FOR APPROVAL OF A NON-STANDARD HORIZONTAL SPACING UNIT, AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	
Well Family	Paloma 28 21 Fed Com Wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring formation
Pool Name and Pool Code:	Pool: Lea; Bone Spring, South, Pool Code: 37580
Well Location Setback Rules:	Statewide oil rules
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	960 acres, more or less
Building Blocks:	non-standard.
Orientation:	north-south
Description: TRS/County	all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	Non-Standard, approval requested in application.
<b>Other Situations</b>	<b>OCD Case 26144</b>
Depth Severance: Y/N. If yes, description	No. <b>June 30, 2026 Hearing</b>
Proximity Tracts: If yes, description	No. <b>Avant Operating II, LLC</b>
Proximity Defining Well: if yes, description	N/A. <b>Exhibit A</b>


Applicant's Ownership in Each Tract	Yes, Exhibit C
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Paloma 28 21 Fed Com #201H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NW/4 NW/4 (Unit D) of Section 21
Horizontal Well First and Last Take Points	FTP: 2548' FNL & 330' FWL of Section 28, T20S, R34E LTP: 100' FNL & 330' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9200' TMD: 17123'
Well #2	Paloma 28 21 Fed Com #202H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NW/4 NW/4 (Unit D) of Section 21
Horizontal Well First and Last Take Points	FTP: 2547' FNL & 1254' FWL of Section 28, T20S, R34E LTP: 100' FNL & 1254' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9200' TMD: 17123'
Well #3	Paloma 28 21 Fed Com #301H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NW/4 NW/4 (Unit D) of Section 21
Horizontal Well First and Last Take Points	FTP: 2548' FNL & 330' FWL of Section 28, T20S, R34E LTP: 100' FNL & 330' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9725' TMD: 17648'

Well #4	Paloma 28 21 Fed Com #501H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NW/4 NW/4 (Unit D) of Section 21
Horizontal Well First and Last Take Points	FTP: 2548' FNL & 330' FWL of Section 28, T20S, R34E LTP: 100' FNL & 330' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 10550' TMD: 18473'
Well #5	Paloma 28 21 Fed Com #502H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NW/4 NW/4 (Unit D) of Section 21
Horizontal Well First and Last Take Points	FTP: 2547' FNL & 1254' FWL of Section 28, T20S, R34E LTP: 100' FNL & 1254' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 10550' TMD: 18473'
Well #6	Paloma 28 21 Fed Com #203H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NE/4 NW/4 (Unit C) of Section 21
Horizontal Well First and Last Take Points	FTP: 2546' FNL & 2178' FWL of Section 28, T20S, R34E LTP: 100' FNL & 2178' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9200' TMD: 17123'
Well #7	Paloma 28 21 Fed Com #302H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NE/4 NW/4 (Unit C) of Section 21
Horizontal Well First and Last Take Points	FTP: 2547' FNL & 1485' FWL of Section 28, T20S, R34E LTP: 100' FNL & 1485' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9725' TMD: 17648'
Well #8	Paloma 28 21 Fed Com #303H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NE/4 NW/4 (Unit C) of Section 21

Horizontal Well First and Last Take Points	FTP: 2546' FNL & 2640' FWL of Section 28, T20S, R34E LTP: 100' FNL & 2640' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9725' TMD: 17648'
Well #9	Paloma 28 21 Fed Com #503H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NE/4 NW/4 (Unit C) of Section 21
Horizontal Well First and Last Take Points	FTP: 2546' FNL & 2178' FWL of Section 28, T20S, R34E LTP: 100' FNL & 2178' FWL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 10550' TMD: 18473'
Well #10	Paloma 28 21 Fed Com #204H well with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take points in the NW/4 NE/4 (Unit B) of Section 21;
Horizontal Well First and Last Take Points	FTP: 2545' FNL & 2178' FEL of Section 28, T20S, R34E LTP: 100' FNL & 2178' FEL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9200' TMD: 17123'
Well #11	Paloma 28 21 Fed Com #504H well with a proposed surface hole location in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take point in the NW/4 NE/4 (Unit B) of Section 21
Horizontal Well First and Last Take Points	FTP: 2545' FNL & 2178' FEL of Section 28, T20S, R34E LTP: 100' FNL & 2178' FEL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 10550' TMD: 18473'
Well #12	Paloma 28 21 Fed Com #304H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NW/4 NE/4 (Unit B) of Section 21
Horizontal Well First and Last Take Points	FTP: 2543' FNL & 1485' FEL of Section 28, T20S, R34E LTP: 100' FNL & 1485' FEL of Section 21, T20S, R34E

Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9725' TMD: 17648'
Well #13	Paloma 28 21 Fed Com #205H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NE/4 NE/4 (Unit A) of Section 21;
Horizontal Well First and Last Take Points	FTP: 2542' FNL & 1254' FEL of Section 28, T20S, R34E LTP: 100' FNL & 1254' FEL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9200' TMD: 17123'
Well #14	Paloma 28 21 Fed Com #206H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NE/4 NE/4 (Unit A) of Section 21;
Horizontal Well First and Last Take Points	FTP: 2540' FNL & 330' FEL of Section 28, T20S, R34E LTP: 100' FNL & 330' FEL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9200' TMD: 17123'
Well #15	Paloma 28 21 Fed Com #305H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NE/4 NE/4 (Unit A) of Section 21
Horizontal Well First and Last Take Points	FTP: 2540' FNL & 330' FEL of Section 28, T20S, R34E LTP: 100' FNL & 330' FEL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 9725' TMD: 17648'
Well #16	Paloma 28 21 Fed Com #505H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NE/4 NE/4 (Unit A) of Section 21
Horizontal Well First and Last Take Points	FTP: 2542' FNL & 1254' FEL of Section 28, T20S, R34E LTP: 100' FNL & 1254' FEL of Section 21, T20S, R34E

Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 10550' TMD: 18473'
Well #17	Paloma 28 21 Fed Com #506H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NE/4 NE/4 (Unit A) of Section 21
Horizontal Well First and Last Take Points	FTP: 2540' FNL & 330' FEL of Section 28, T20S, R34E LTP: 100' FNL & 330' FEL of Section 21, T20S, R34E
Completion Target (Formation, TVD and MD)	Bone Spring; TVD: 10550' TMD: 18473'
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$10,000/\$1000
Production Supervision/Month \$	\$10,000/\$1000
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit B, Exhibit E
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit E
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit C
Tract List (including lease numbers and owners)	Exhibit C
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	Exhibit C
Unlocatable Parties to be Pooled	None
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit C
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C
Chronology of Contact with Non-Joined Working Interests	Exhibit C
Overhead Rates In Proposal Letter	Exhibit C
Cost Estimate to Drill and Complete	Exhibit C
Cost Estimate to Equip Well	Exhibit C

Cost Estimate for Production Facilities	Exhibit C
<b>Geology</b>	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D
Gunbarrel/Lateral Trajectory Schematic	Exhibit D
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D
HSU Cross Section	Exhibit D
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit C
Tracts	Exhibit C
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C
General Location Map (including basin)	<b>Exhibit D</b>
Well Bore Location Map	<b>Exhibit D</b>
Structure Contour Map - Subsea Depth	<b>Exhibit D</b>
Cross Section Location Map (including wells)	<b>Exhibit D</b>
Cross Section (including Landing Zone)	<b>Exhibit D</b>
<b>Additional Information</b>	
Special Provisions/Stipulations	N/A
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Kaitlyn A. Luck
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	23-June-26

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

**APPLICATION OF AVANT OPERATING II, LLC  
FOR APPROVAL OF A NON-STANDARD HORIZONTAL  
SPACING UNIT, AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

CASE NO. 26144

**APPLICATION**

Avant Operating II, LLC (“AO II”), OGRID Number 332947, through its undersigned attorneys, hereby files this application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a 960-acre, more or less, non-standard horizontal spacing unit in the Bone Spring formation, Pool: Lea; Bone Spring, South, Pool Code: 37580, and comprised of all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico. In support of this application, AO II states as follows:

1. AO II has an interest in the subject lands and has a right to drill and operate a well thereon.
2. AO II seeks to dedicate all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico to form a non-standard 960-acre, more or less, Bone Spring horizontal spacing unit (the “Unit”) in the Lea; Bone Spring, South, Pool Code: 37580 (the “Unit”)
3. AO II seeks approval of the 960-acre non-standard spacing unit because approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
4. AO II seeks to dedicate the Unit to the following wells:

OCD Case 26144  
June 30, 2026 Hearing  
Avant Operating II, LLC  
Exhibit B

- **Paloma 28 21 Fed Com #201H well, Paloma 28 21 Fed Com #202H well, Paloma 28 21 Fed Com #301H well, Paloma 28 21 Fed Com #501H well, and Paloma 28 21 Fed Com #502H well**, with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NW/4 NW/4 (Unit D) of Section 21;
- **Paloma 28 21 Fed Com #203H well, Paloma 28 21 Fed Com #302H well, Paloma 28 21 Fed Com #303H well, and Paloma 28 21 Fed Com #503H well** with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NE/4 NW/4 (Unit C) of Section 21;
- **Paloma 28 21 Fed Com #204H well, and Paloma 28 21 Fed Com #504H well** with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take points in the NW/4 NE/4 (Unit B) of Section 21;
- **Paloma 28 21 Fed Com #304H well** with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NW/4 NE/4 (Unit B) of Section 21; and
- **Paloma 28 21 Fed Com #205H well, Paloma 28 21 Fed Com #206H well, Paloma 28 21 Fed Com #305H well, Paloma 28 21 Fed Com #505H well, and Paloma 28 21 Fed Com #506H well**, with proposed surface hole locations in the SE/4 NE/4 (Unit H) of Section 28, and proposed last take points in the NE/4 NE/4 (Unit A) of Section 21.

5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

6. AO II sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

8. Approval of a non-standard spacing unit will allow AO II to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, AO II requests this application be set for hearing before an Examiner of the Oil Conservation Division on June 4, 2026, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Pooling all uncommitted interests in the Bone Spring formation, Pool: Lea; Bone Spring, South, Pool Code: 37580, in a non-standard horizontal spacing unit underlying all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico;
- C. Designating AO II as operator of this unit and the wells to be drilled thereon;
- D. Authorizing AO II to recover its costs of drilling, equipping and completing the wells;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully,

A handwritten signature in blue ink, appearing to read "Kaitlyn Luck", written over a horizontal line.

Kaitlyn A. Luck

P.O. Box 483

Taos, New Mexico 87571

(361) 648-1973

kaitlyn.luck@outlook.com

*Attorney for Avant Operating II, LLC*

**CASE NO. \_\_\_\_\_: Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico.** Applicant seeks an order from the Division approving a 960-acre, more or less, non-standard horizontal spacing unit in the Bone Spring formation, Pool: Lea; Bone Spring, South, Pool Code: 37580, and pooling all uncommitted interests in Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico, This spacing unit will be dedicated to the following wells: Paloma 28 21 Fed Com #201H well, Paloma 28 21 Fed Com #202H well, Paloma 28 21 Fed Com #301H well, Paloma 28 21 Fed Com #302H well, Paloma 28 21 Fed Com #501H well, and Paloma 28 21 Fed Com #502H well, with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NW/4 NW/4 (Unit D) of Section 21; Paloma 28 21 Fed Com #203H well, Paloma 28 21 Fed Com #302H well, Paloma 28 21 Fed Com #303H well, and Paloma 28 21 Fed Com #503H well with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NE/4 NW/4 (Unit C) of Section 21; Paloma 28 21 Fed Com #204H well, and Paloma 28 21 Fed Com #504H well with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take points in the NW/4 NE/4 (Unit B) of Section 21; Paloma 28 21 Fed Com #304H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NW/4 NE/4 (Unit B) of Section 21; and Paloma 28 21 Fed Com #205H well, Paloma 28 21 Fed Com #206H well, Paloma 28 21 Fed Com #305H well, Paloma 28 21 Fed Com #505H well, and Paloma 28 21 Fed Com #506H well, with proposed surface hole locations in the SE/4 NE/4 (Unit H) of Section 28, and proposed last take points in the NE/4 NE/4 (Unit A) of Section 21. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 24.3 miles southeast of Hobbs, New Mexico.

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

**APPLICATION OF AVANT OPERATING II, LLC  
FOR APPROVAL OF A NON-STANDARD UNIT  
AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 26144**

**SELF-AFFIRMED STATEMENT OF TIFFANY SARANTINOS**

Tiffany Sarantinos, hereby states and declares as follows:

1. I have personal knowledge of the matter addressed herein and am competent to provide this self-affirmed statement.
2. I have previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in petroleum land matters. My credentials as a petroleum landman have been accepted by the Division and made a matter of record.
3. I am familiar with the application filed by Avant in Case No. 26144.
4. Avant seeks an order from the Division approving the pooling and operatorship requested by Avant in the Application in Case Nos. 26144.
5. In Case No. **26144**, Avant requests an order from the Division: (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a 960-acre, more or less, non-standard horizontal spacing unit in the Bone Spring formation, Pool: Lea; Bone Spring, South, Pool Code: 37580, and comprised of all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico.
6. Avant seeks to dedicate the Unit to the following wells, to be horizontally drilled:
  - a. **Paloma 28 21 Fed Com #201H well, Paloma 28 21 Fed Com #202H well, Paloma 28 21 Fed Com #301H well, Paloma 28 21 Fed Com #501H well, and Paloma 28 21 Fed Com #502H well**, with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NW/4 NW/4 (Unit D) of Section 21;

- b. **Paloma 28 21 Fed Com #203H well, Paloma 28 21 Fed Com #302H well, Paloma 28 21 Fed Com #303H well, and Paloma 28 21 Fed Com #503H well** with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NE/4 NW/4 (Unit C) of Section 21;
  - c. **Paloma 28 21 Fed Com #204H well, and Paloma 28 21 Fed Com #504H well** with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take points in the NW/4 NE/4 (Unit B) of Section 21;
  - d. **Paloma 28 21 Fed Com #304H well** with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NW/4 NE/4 (Unit B) of Section 21; and
  - e. **Paloma 28 21 Fed Com #205H well, Paloma 28 21 Fed Com #206H well, Paloma 28 21 Fed Com #305H well, Paloma 28 21 Fed Com #505H well, and Paloma 28 21 Fed Com #506H well,** with proposed surface hole locations in the SE/4 NE/4 (Unit H) of Section 28, and proposed last take points in the NE/4 NE/4 (Unit A) of Section 21.
7. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.
8. The wells are located within the Lea; Bone Spring, South Pool, Pool Code: 37580.
9. **Avant Exhibit C-1** are the C-102 for each of the wells in Case No 26144, and the forms demonstrate the completed intervals for the wells will comply with the standard setbacks for oil wells and the wells are assigned to the Lea; Bone Spring, South Pool, Pool Code: 37580.
10. Attached as **Avant Exhibit C-2** is the Land Tract Map for the unit and the Uncommitted Interest Owners. The Exhibit identifies the tracts of land in the proposed Unit, the ownership interests in each tract, and the ownership interests on a spacing unit basis. The Exhibit also reflects each of the uncommitted parties that Avant seeks to pool in this case.
11. **Avant Exhibit C-3** is the Sample Well Proposal Letter with AFEs for each of the wells in Case No. 26144. The costs reflected in the AFEs are consistent with what Avant and other operators have incurred for drilling similar horizontal wells in the area in this formation. Avant requests that the overhead and administrative costs for drilling and producing the proposed

well be set at \$10,000 per month while drilling and \$1,000 per month while producing; these costs are consistent with what other operators are charging in this are for similar wells.

12. Avant **Exhibit C-4** are the Chronology of Contacts for Case No. 26144. Exhibit C-4 contains a general summary of the contacts with the uncommitted interest owners. As indicated in the exhibit, Avant has made a good faith effort to locate and has had communications with all of the parties that it seeks to pool in this case in an effort to reach voluntary joinder.

13. In my opinion, Avant has undertaken good faith efforts to reach an agreement with the uncommitted interest owners, and has provided notice to each of them as reflected on this exhibit.

14. Avant's **Exhibit C-5** are exhibits reflecting the justifications for the requested non-standard unit.

15. The above-referenced applications and notice of the hearing on these applications were sent by certified mail to the locatable affected parties, as reflected on **Exhibit E**.

16. Avant's Exhibits C-1 to C-5 were either prepared by me or compiled under my direction and supervision.

17. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct.

18. I understand that this self-affirmed statement will be used as written testimony in this case.

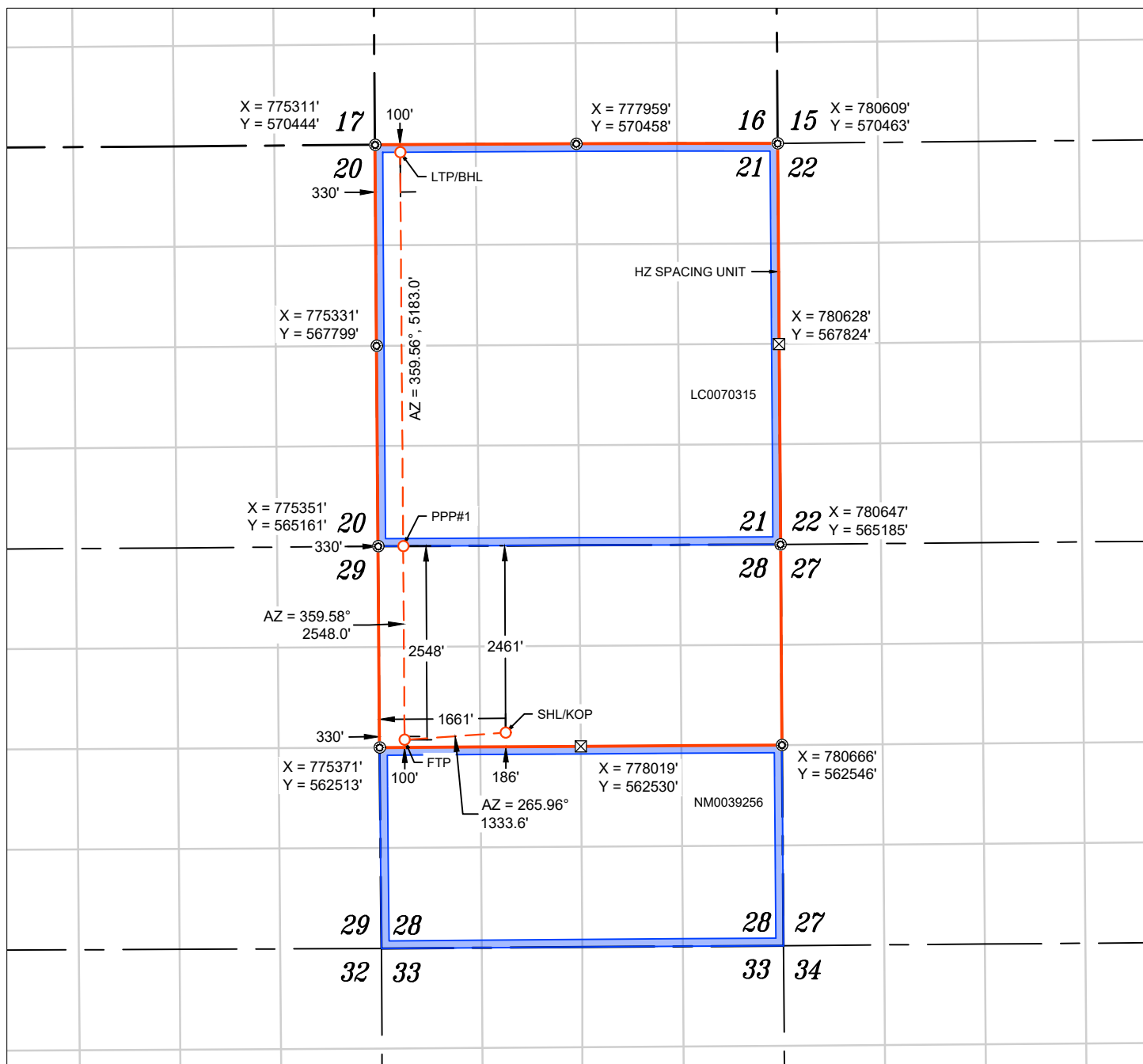
19. This statement is made on the date next to my signature below.



Tiffany Sarantinos  
Avant Landman

Date: June 22, 2026





WELL NAME: PALOMA 28 21 FED COM #201H  
 ELEVATION: 3701'

<b>NAD 83 (SHL/KOP) 2461' FNL &amp; 1661' FWL</b>
LATITUDE = 32.544618°
LONGITUDE = -103.568458°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544498°
LONGITUDE = -103.567969°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562709.16' E: 777030.43'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562648.09' E: 735849.24'

<b>NAD 83 (FTP) 2548' FNL &amp; 330' FWL</b>
LATITUDE = 32.544386°
LONGITUDE = -103.572777°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544266°
LONGITUDE = -103.572287°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562615.19' E: 775700.17'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562554.11' E: 734519.01'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2548.01'
LC0070315	5183.05'
TOTAL	7731.06'

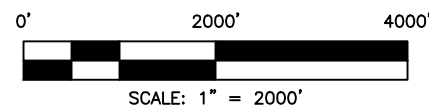
<b>NAD 83 (PPP#1) 330' FWL</b>
LATITUDE = 32.551390°
LONGITUDE = -103.572779°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551270°
LONGITUDE = -103.572289°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565163.14' E: 775681.46'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565101.99' E: 734500.38'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 330' FWL</b>
LATITUDE = 32.565636°
LONGITUDE = -103.572787°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565516°
LONGITUDE = -103.572296°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570346.03' E: 775641.90'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570284.78' E: 734460.99'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

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2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal
		<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#202H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3698'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2249' FNL	2392' FWL	32.545196°	-103.566087°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	20 S	34 E		100' FNL	1254' FWL	32.565631°	-103.569788°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2249' FNL	2392' FWL	32.545196°	-103.566087°	LEA

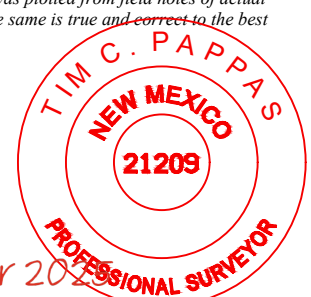

**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	28	20 S	34 E		2547' FNL	1254' FWL	32.544384°	-103.569779°	LEA

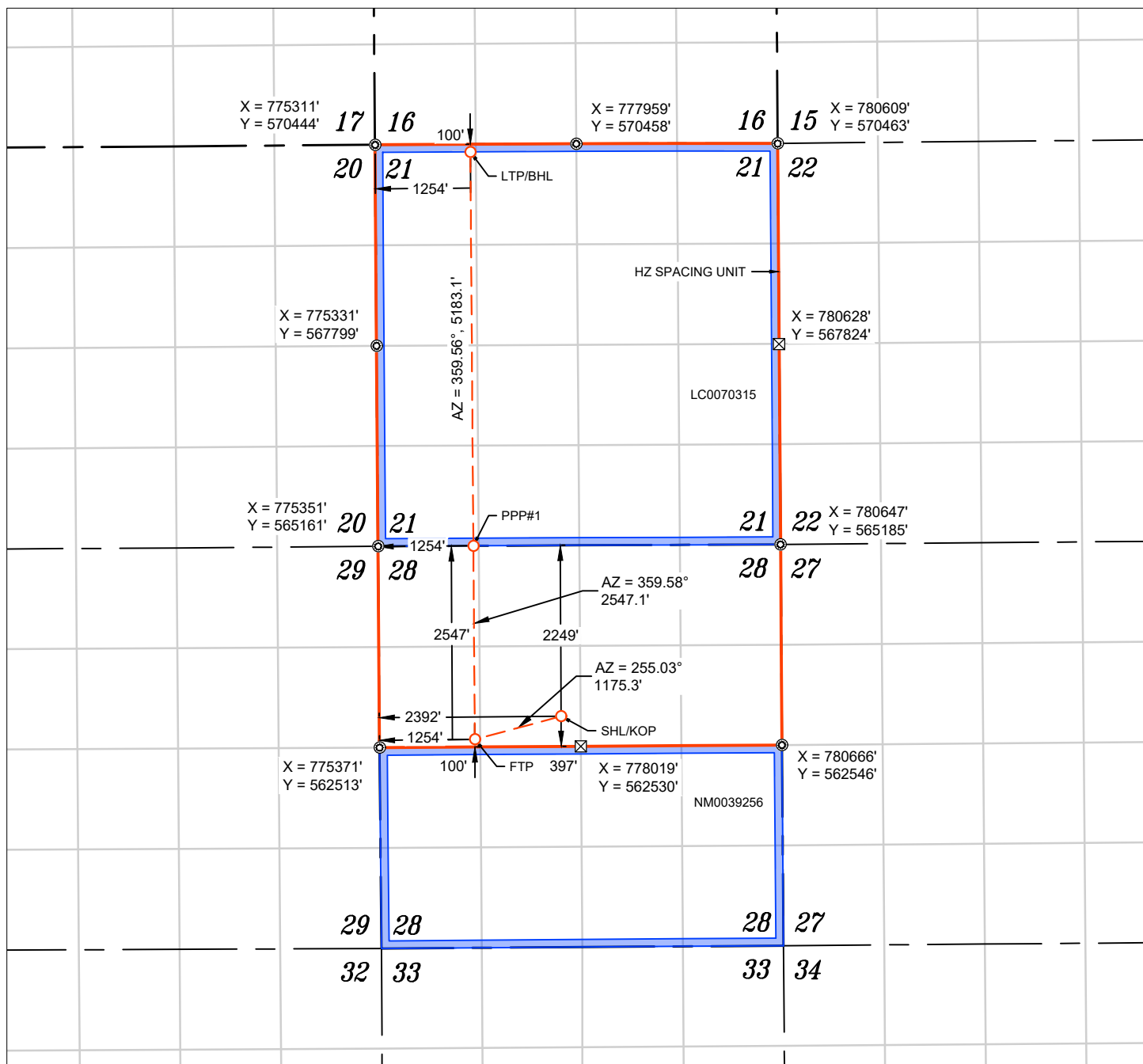
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	20 S	34 E		100' FNL	1254' FWL	32.565631°	-103.569788°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3698'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  </div> <p style="text-align: right; color: red; font-size: 1.2em;">  22 October 2025                 </p>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	21209                      OCTOBER 16, 2025
		Certificate Number                      Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #202H  
 ELEVATION: 3698'

<b>NAD 83 (SHL/KOP) 2249' FNL &amp; 2392' FWL</b>
LATITUDE = 32.545196°
LONGITUDE = -103.566087°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545076°
LONGITUDE = -103.565597°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562924.55' E: 777759.59'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562863.48' E: 736578.39'

<b>NAD 83 (FTP) 2547' FNL &amp; 1254' FWL</b>
LATITUDE = 32.544384°
LONGITUDE = -103.569779°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544264°
LONGITUDE = -103.569289°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562620.92' E: 776624.16'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562559.85' E: 735442.97'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2547.07'
LC0070315	5183.11'
TOTAL	7730.18'

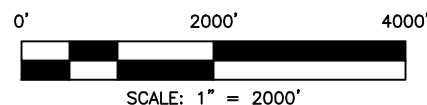
<b>NAD 83 (PPP#1) 1254' FWL</b>
LATITUDE = 32.551385°
LONGITUDE = -103.569780°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551265°
LONGITUDE = -103.569290°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565167.93' E: 776605.45'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565106.79' E: 735424.35'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 1254' FWL</b>
LATITUDE = 32.565631°
LONGITUDE = -103.569788°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565511°
LONGITUDE = -103.569297°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570350.89' E: 776565.91'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570289.64' E: 735384.99'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- - - HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

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3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#203H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3698'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2233' FNL	2449' FWL	32.545241°	-103.565900°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	21	20 S	34 E		100' FNL	2178' FWL	32.565626°	-103.566789°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2233' FNL	2449' FWL	32.545241°	-103.565900°	LEA

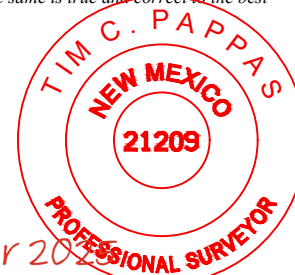
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2546' FNL	2178' FWL	32.544381°	-103.566780°	LEA

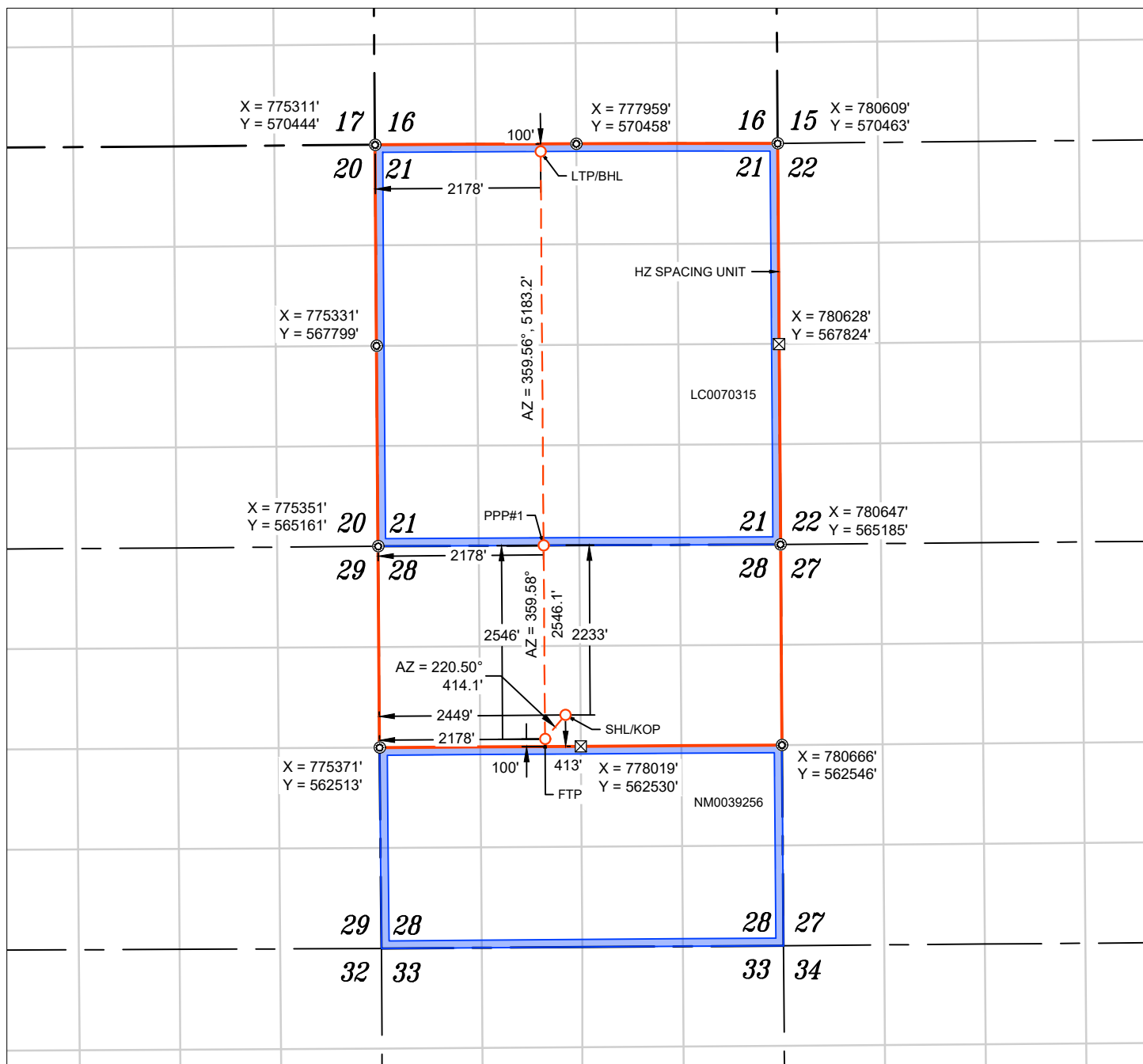
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	21	20 S	34 E		100' FNL	2178' FWL	32.565626°	-103.566789°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3698'</b>
--	--	---

<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><i>22 October 2025</i></p> </div>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	21209                      OCTOBER 16, 2025
		Certificate Number                      Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #203H  
 ELEVATION: 3698'

<b>NAD 83 (SHL/KOP) 2233' FNL &amp; 2449' FWL</b>
LATITUDE = 32.545241°
LONGITUDE = -103.565900°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545121°
LONGITUDE = -103.565410°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562941.55' E: 777817.13'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562880.48' E: 736635.93'

<b>NAD 83 (FTP) 2546' FNL &amp; 2178' FWL</b>
LATITUDE = 32.544381°
LONGITUDE = -103.566780°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544261°
LONGITUDE = -103.566291°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562626.65' E: 777548.14'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562565.58' E: 736366.93'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2546.14'
LC0070315	5183.17'
<b>TOTAL</b>	<b>7729.31'</b>

<b>NAD 83 (PPP#1) 2178' FWL</b>
LATITUDE = 32.551380°
LONGITUDE = -103.566781°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551260°
LONGITUDE = -103.566291°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565172.72' E: 777529.44'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565111.59' E: 736348.32'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 2178' FWL</b>
LATITUDE = 32.56526°
LONGITUDE = -103.566789°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.56506°
LONGITUDE = -103.566298°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570355.74' E: 777489.88'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570294.50' E: 736308.94'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

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3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#204H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3698'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2216' FNL	2507' FWL	32.545287°	-103.565713°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	21	20 S	34 E		100' FNL	2178' FEL	32.565616°	-103.563730°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2216' FNL	2507' FWL	32.545287°	-103.565713°	LEA

**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
G	28	20 S	34 E		2545' FNL	2178' FEL	32.544379°	-103.563731°	LEA

**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	21	20 S	34 E		100' FNL	2178' FEL	32.565616°	-103.563730°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3698'</b>
--	--	---

**OPERATOR CERTIFICATIONS**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

*If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.*

Signature	Date
Printed Name	Email Address

**SURVEYOR CERTIFICATIONS**

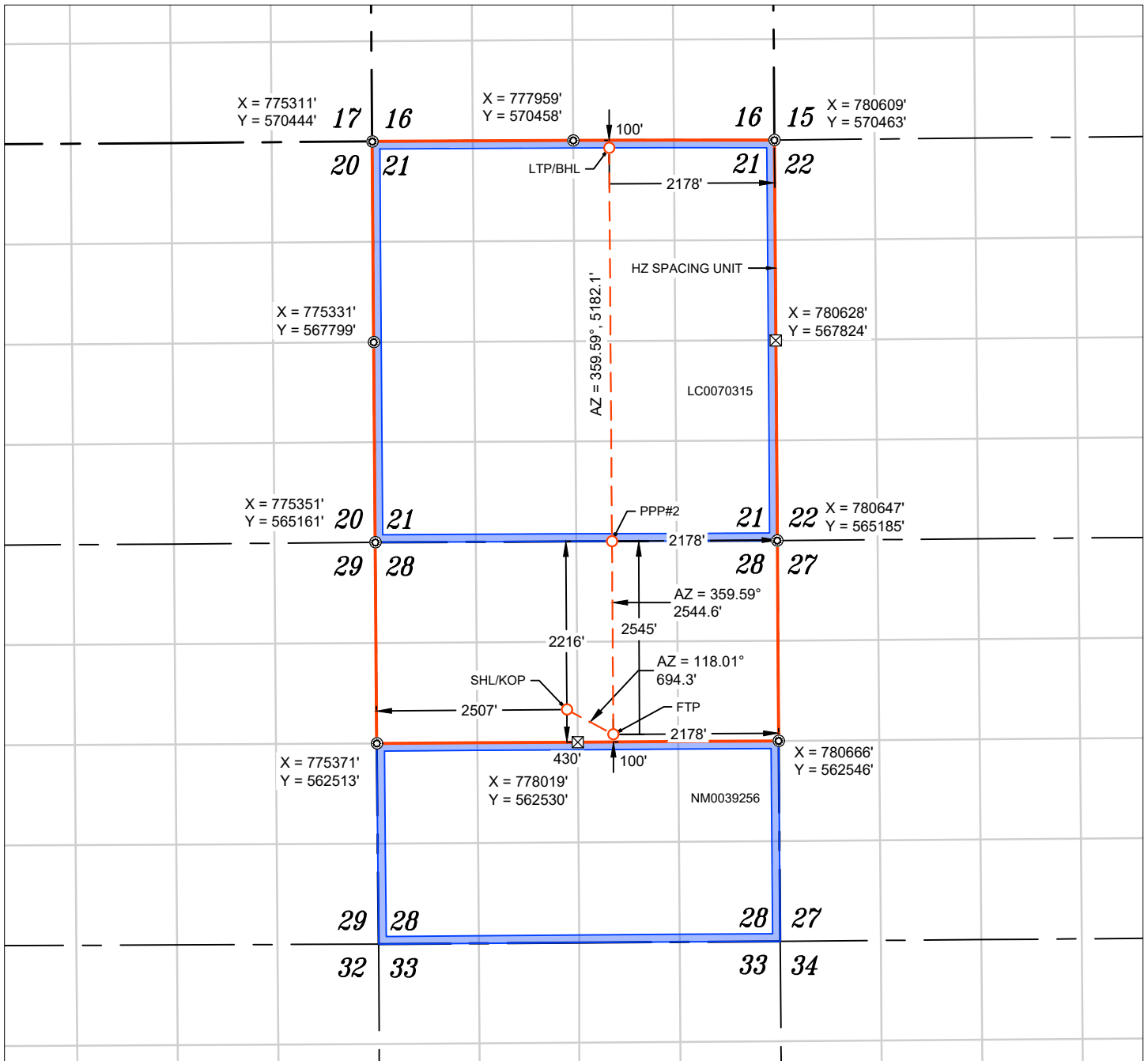
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

**22 October 2025**



Signature and Seal of Professional Surveyor	
21209	OCTOBER 9, 2025
Certificate Number	Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #204H  
 ELEVATION: 3698'

**NOTES**

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- ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2216' FNL &amp; 2507' FWL</b>
LATITUDE = 32.545287°
LONGITUDE = -103.565713°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545167°
LONGITUDE = -103.565223°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562958.55' E: 777874.67'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562897.48' E: 736693.47'

<b>NAD 83 (FTP) 2545' FNL &amp; 2178' FEL</b>
LATITUDE = 32.544379°
LONGITUDE = -103.563731°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544259°
LONGITUDE = -103.563242°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562632.48' E: 778487.63'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562571.41' E: 737306.40'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2544.56'
LC0070315	5182.14'
<b>TOTAL</b>	<b>7726.70'</b>

<b>NAD 83 (PPP#1) 2178' FEL</b>
LATITUDE = 32.551373°
LONGITUDE = -103.563731°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551253°
LONGITUDE = -103.563241°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565176.98' E: 778469.33'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565115.86' E: 737288.19'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 2178' FEL</b>
LATITUDE = 32.565616°
LONGITUDE = -103.563730°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565496°
LONGITUDE = -103.563240°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570358.98' E: 778432.12'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570297.75' E: 737251.15'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#205H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3702'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2476' FNL	455' FEL	32.544552°	-103.558139°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	1254' FEL	32.565602°	-103.560731°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2476' FNL	455' FEL	32.544552°	-103.558139°	LEA

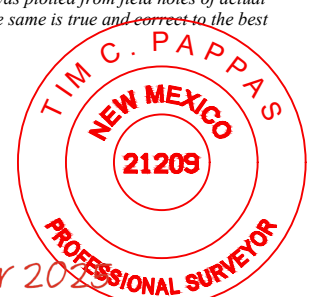

**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2542' FNL	1254' FEL	32.544376°	-103.560733°	LEA

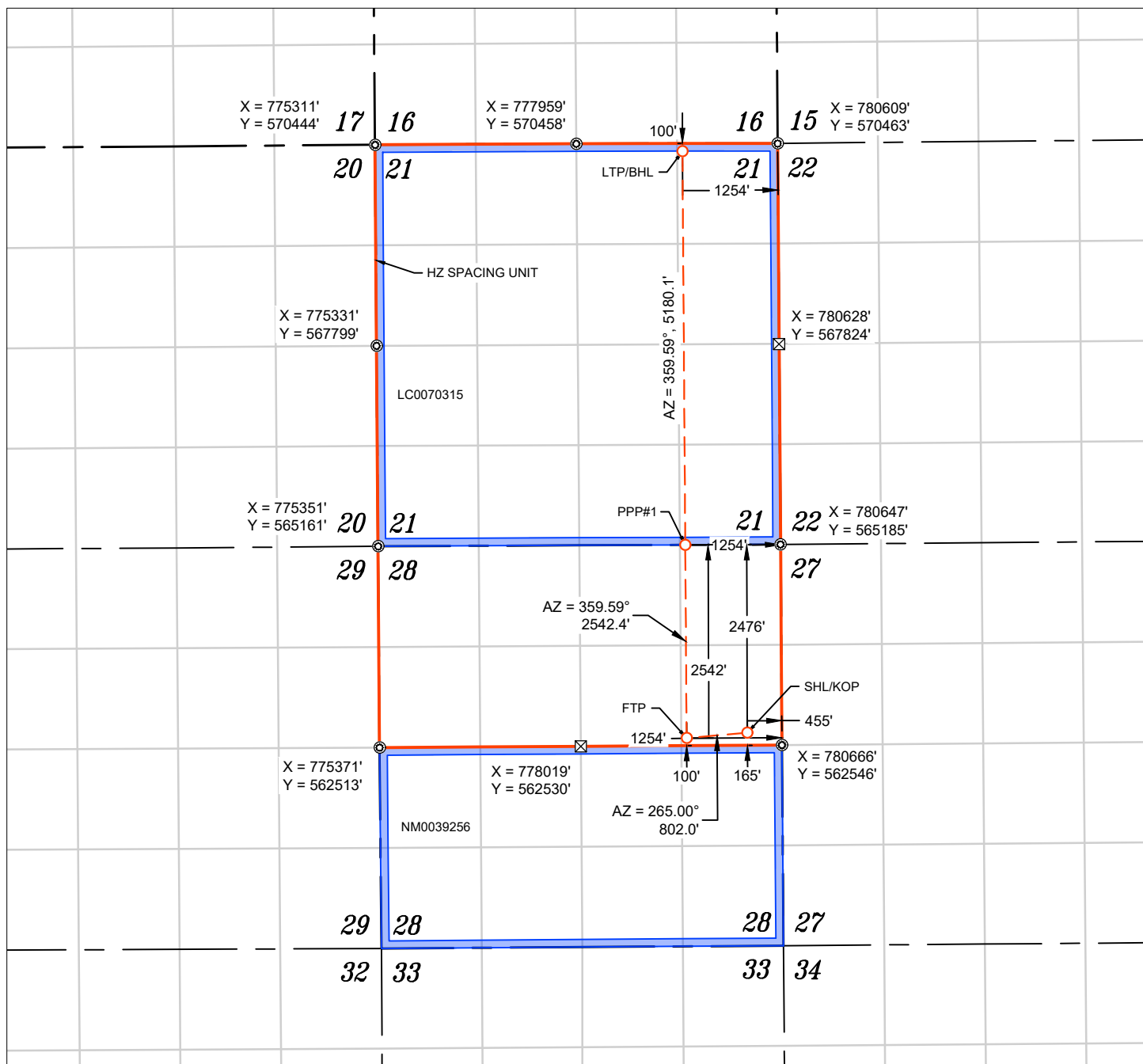
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	1254' FEL	32.565602°	-103.560731°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3702'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><b>TIM C. PAPPAS</b>  <b>NEW MEXICO</b>  <b>21209</b>  <b>PROFESSIONAL SURVEYOR</b></p> </div> <p style="text-align: center; color: red;">  <b>22 October 2025</b> </p>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	Certificate Number <b>21209</b>
		Date of Survey <b>OCTOBER 10, 2025</b>

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #205H  
 ELEVATION: 3702'

<b>NAD 83 (SHL/KOP) 2476' FNL &amp; 455' FEL</b>
LATITUDE = 32.544552°
LONGITUDE = -103.558139°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544432°
LONGITUDE = -103.557650°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562708.16' E: 780210.54'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562647.11' E: 739029.28'

<b>NAD 83 (FTP) 2542' FNL &amp; 1254' FEL</b>
LATITUDE = 32.544376°
LONGITUDE = -103.560733°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544256°
LONGITUDE = -103.560244°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562638.21' E: 779411.61'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562577.15' E: 738230.36'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2542.41'
LC0070315	5180.08'
<b>TOTAL</b>	<b>7722.49'</b>

<b>NAD 83 (PPP#1) 1254' FEL</b>
LATITUDE = 32.551364°
LONGITUDE = -103.560733°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551244°
LONGITUDE = -103.560243°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565180.55' E: 779393.32'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565119.44' E: 738212.16'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 1254' FEL</b>
LATITUDE = 32.565602°
LONGITUDE = -103.560731°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565482°
LONGITUDE = -103.560241°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570360.49' E: 779356.13'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570299.27' E: 738175.15'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>		Revised July 9, 2024
	Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled	

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#206H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3702'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	415' FEL	32.544552°	-103.558009°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	330' FEL	32.565588°	-103.557732°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
Order Numbers. <b>Pending</b>			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	415' FEL	32.544552°	-103.558009°	LEA

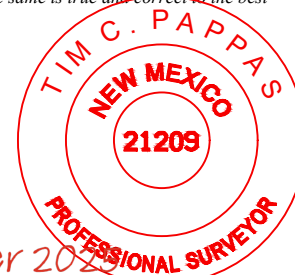
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2540' FNL	330' FEL	32.544373°	-103.557735°	LEA

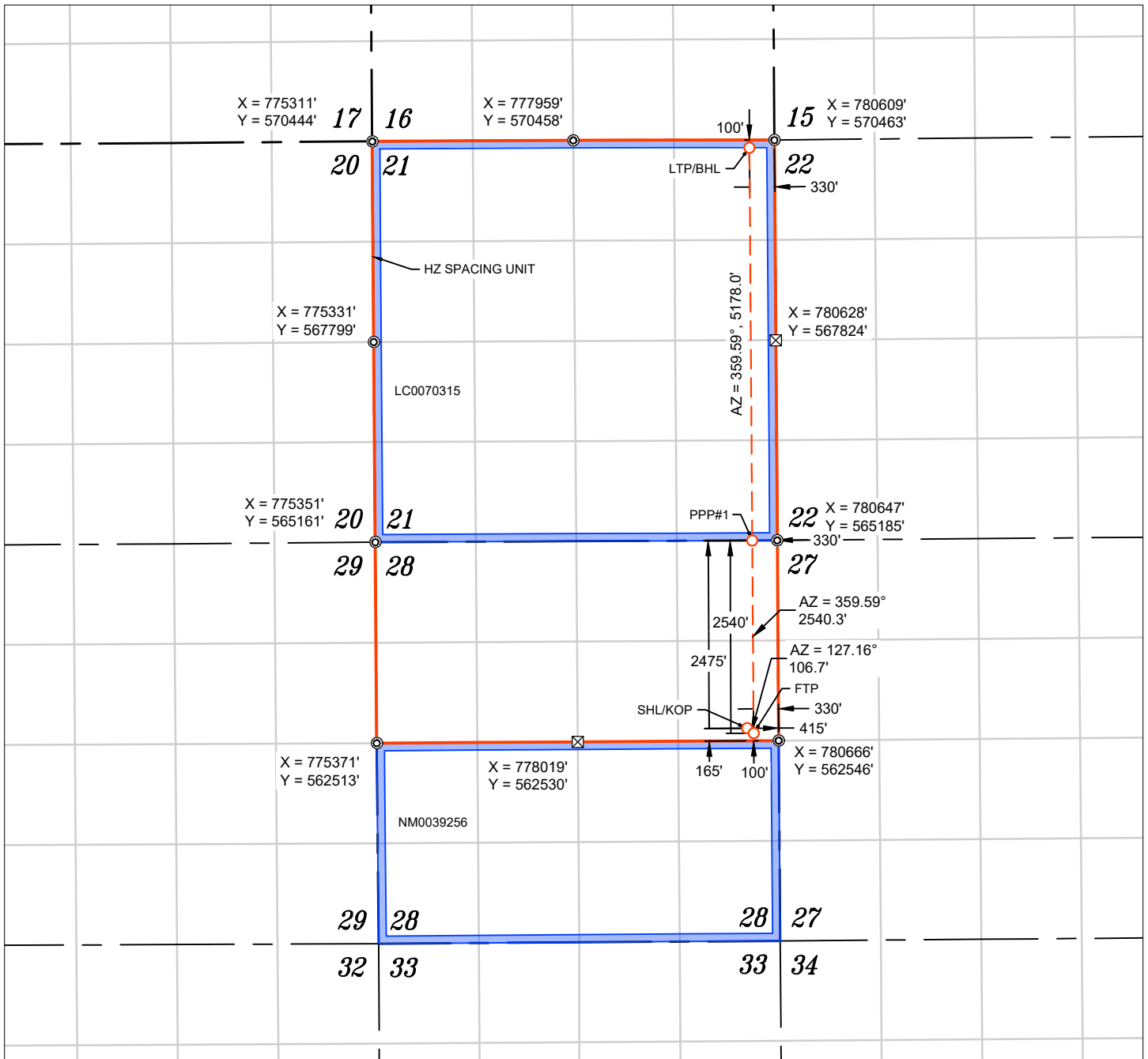
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	330' FEL	32.565588°	-103.557732°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3702'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><i>22 October 2025</i></p> </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor <b>21209</b> <b>OCTOBER 10, 2025</b>
Printed Name _____	Certificate Number _____ Date of Survey _____
Email Address _____	

*Note: 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.*



WELL NAME: PALOMA 28 21 FED COM #206H  
 ELEVATION: 3702'

**NOTES**

- ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
- THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
- ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2475' FNL &amp; 415' FEL</b>
LATITUDE = 32.544552°
LONGITUDE = -103.558009°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544432°
LONGITUDE = -103.557520°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562708.41' E: 780250.54'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562647.36' E: 739069.28'

<b>NAD 83 (FTP) 2540' FNL &amp; 330' FEL</b>
LATITUDE = 32.544373°
LONGITUDE = -103.557735°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544253°
LONGITUDE = -103.557245°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562643.93' E: 780335.59'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562582.89' E: 739154.33'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2540.25'
LC0070315	5178.01'
<b>TOTAL</b>	<b>7718.26'</b>

<b>NAD 83 (PPP#1) 330' FEL</b>
LATITUDE = 32.551355°
LONGITUDE = -103.557734°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551235°
LONGITUDE = -103.557244°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565184.12' E: 780317.32'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565123.02' E: 739136.14'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 330' FEL</b>
LATITUDE = 32.565588°
LONGITUDE = -103.557732°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565468°
LONGITUDE = -103.557242°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570362.00' E: 780280.14'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570300.78' E: 739099.14'

FOUND MONUMENT  
 CALC. CORNER  
 SHL/ KOP/ FTP / PPP / LTP / BHL  
 WELLBORE  
 HORIZONTAL SPACING UNIT  
 STATE OIL & GAS LEASE  
 BLM OIL & GAS LEASE



C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
	Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal		
		<input type="checkbox"/> Amended Report		
<input type="checkbox"/> As Drilled				

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#301H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3700'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2455' FNL	1680' FWL	32.544633°	-103.568396°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	20 S	34 E		100' FNL	330' FWL	32.565636°	-103.572787°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2455' FNL	1680' FWL	32.544633°	-103.568396°	LEA

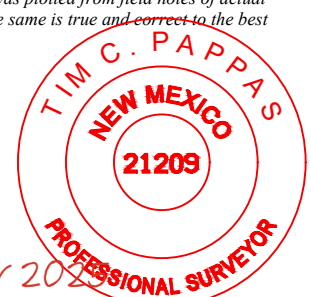
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	28	20 S	34 E		2548' FNL	330' FWL	32.544386°	-103.572777°	LEA

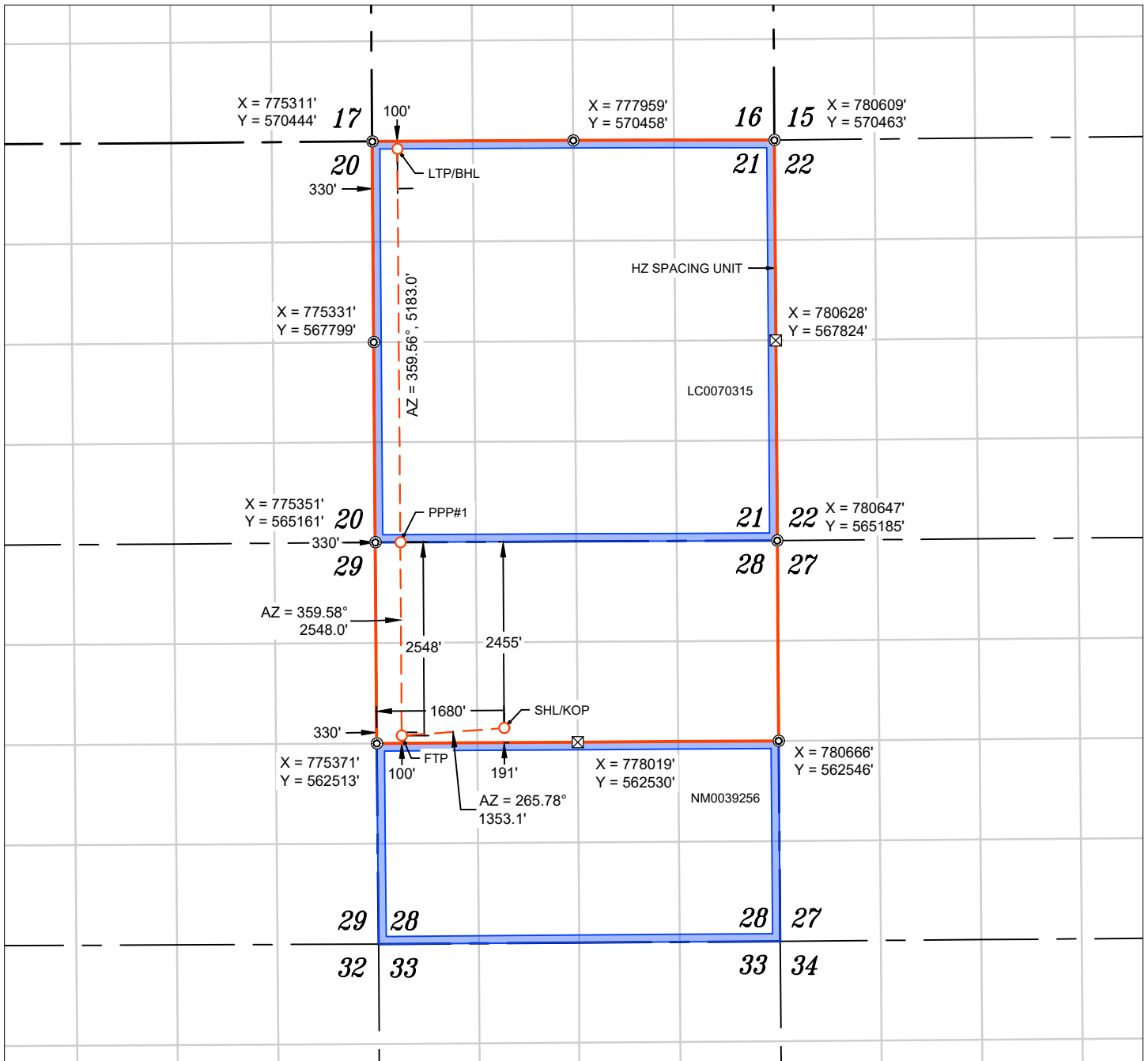
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	20 S	34 E		100' FNL	330' FWL	32.565636°	-103.572787°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3700'</b>
--	--	---

<b>OPERATOR CERTIFICATIONS</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i>  <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>		<b>SURVEYOR CERTIFICATIONS</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>	
 <i>Tim C. Pappas</i> 22 October 2025			
Signature	Date	Signature and Seal of Professional Surveyor	
		21209	OCTOBER 9, 2025
Printed Name		Certificate Number	Date of Survey
Email Address			

*Note: 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.*



WELL NAME: PALOMA 28 21 FED COM #301H  
 ELEVATION: 3700'

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2455' FNL &amp; 1680' FWL</b>
LATITUDE = 32.544633°
LONGITUDE = -103.568396°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544513°
LONGITUDE = -103.567906°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562714.83' E: 777049.62'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562653.75' E: 735868.42'

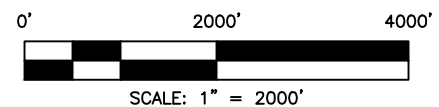
<b>NAD 83 (FTP) 2548' FNL &amp; 330' FWL</b>
LATITUDE = 32.544386°
LONGITUDE = -103.572777°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544266°
LONGITUDE = -103.572287°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562615.19' E: 775700.17'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562554.11' E: 734519.01'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2548.01'
LC0070315	5183.05'
TOTAL	7731.06'

<b>NAD 83 (PPP#1) 330' FWL</b>
LATITUDE = 32.551390°
LONGITUDE = -103.572779°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551270°
LONGITUDE = -103.572289°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565163.14' E: 775681.46'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565101.99' E: 734500.38'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 330' FWL</b>
LATITUDE = 32.565636°
LONGITUDE = -103.572787°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565516°
LONGITUDE = -103.572296°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570346.03' E: 775641.90'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570284.78' E: 734460.99'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#302H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3699'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2238' FNL	2430' FWL	32.545226°	-103.565962°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	21	20 S	34 E		100' FNL	1485' FWL	32.565630°	-103.569038°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2238' FNL	2430' FWL	32.545226°	-103.565962°	LEA

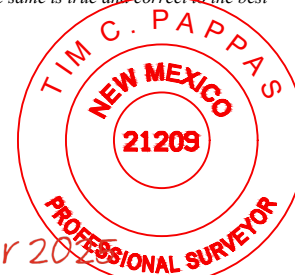
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2547' FNL	1485' FWL	32.544383°	-103.569029°	LEA

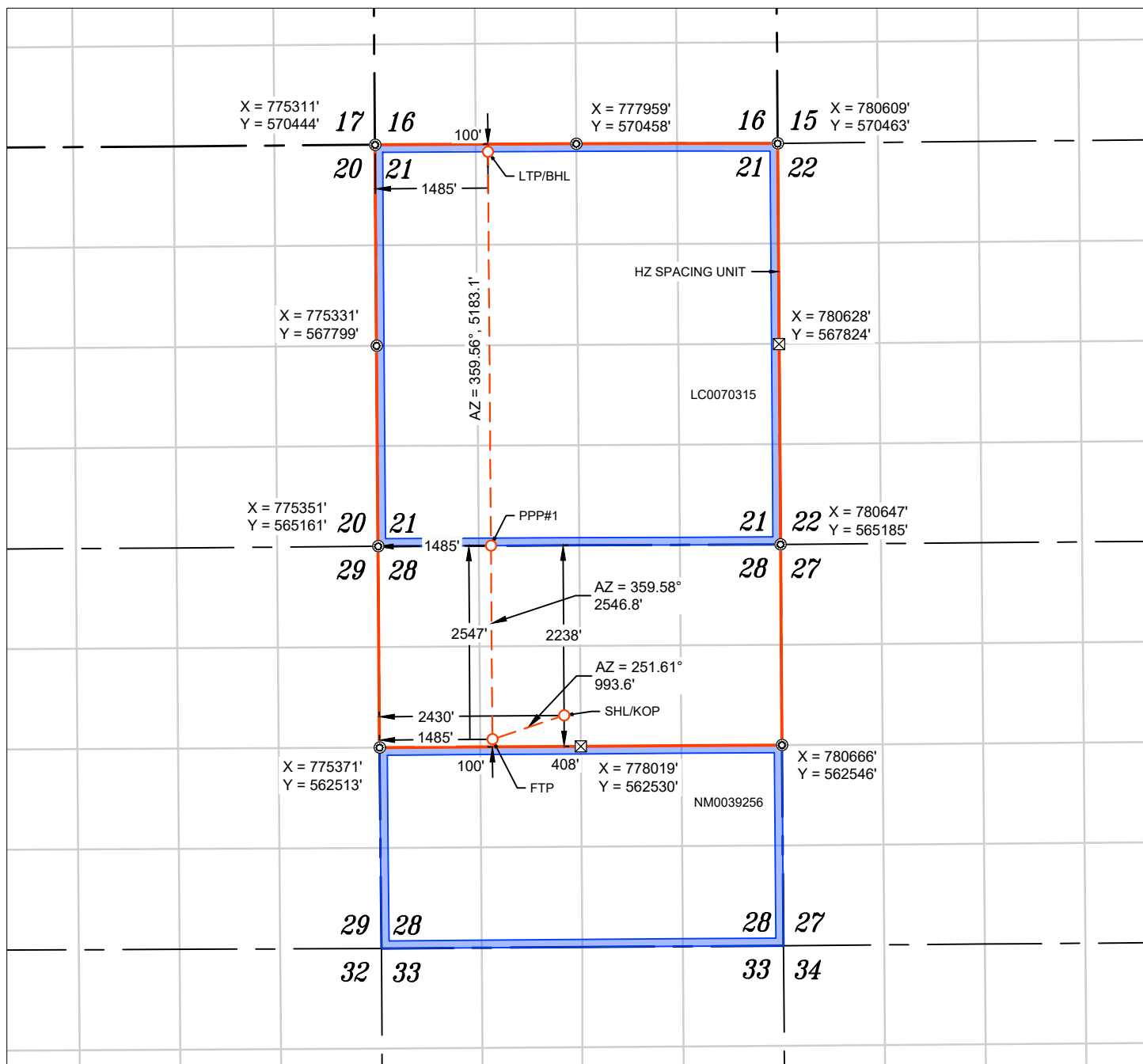
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	21	20 S	34 E		100' FNL	1485' FWL	32.565630°	-103.569038°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3699'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><i>22 October 2025</i></p> </div>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	21209                      OCTOBER 8, 2025
		Certificate Number                      Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #302H  
 ELEVATION: 3699'

<b>NAD 83 (SHL/KOP) 2238' FNL &amp; 2430' FWL</b>
LATITUDE = 32.545226°
LONGITUDE = -103.565962°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545106°
LONGITUDE = -103.565473°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562935.89' E: 777797.95'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562874.81' E: 736616.75'

<b>NAD 83 (FTP) 2547' FNL &amp; 1485' FWL</b>
LATITUDE = 32.544383°
LONGITUDE = -103.569029°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544263°
LONGITUDE = -103.568539°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562622.36' E: 776855.15'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562561.28' E: 735673.96'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2546.84'
LC0070315	5183.12'
<b>TOTAL</b>	<b>7729.96'</b>

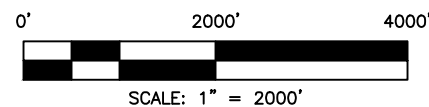
<b>NAD 83 (PPP#1) 1485' FWL</b>
LATITUDE = 32.551383°
LONGITUDE = -103.569030°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551263°
LONGITUDE = -103.568540°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565169.13' E: 776836.45'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565107.99' E: 735655.34'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 1485' FWL</b>
LATITUDE = 32.565630°
LONGITUDE = -103.569038°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565510°
LONGITUDE = -103.568547°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570352.10' E: 776796.88'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570290.85' E: 735615.95'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- - - HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#303H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3698'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2221' FNL	2488' FWL	32.545272°	-103.565775°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	21	20 S	34 E		100' FNL	2640' FWL	32.565623°	-103.565289°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2221' FNL	2488' FWL	32.545272°	-103.565775°	LEA



**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2546' FNL	2640' FWL	32.544380°	-103.565281°	LEA

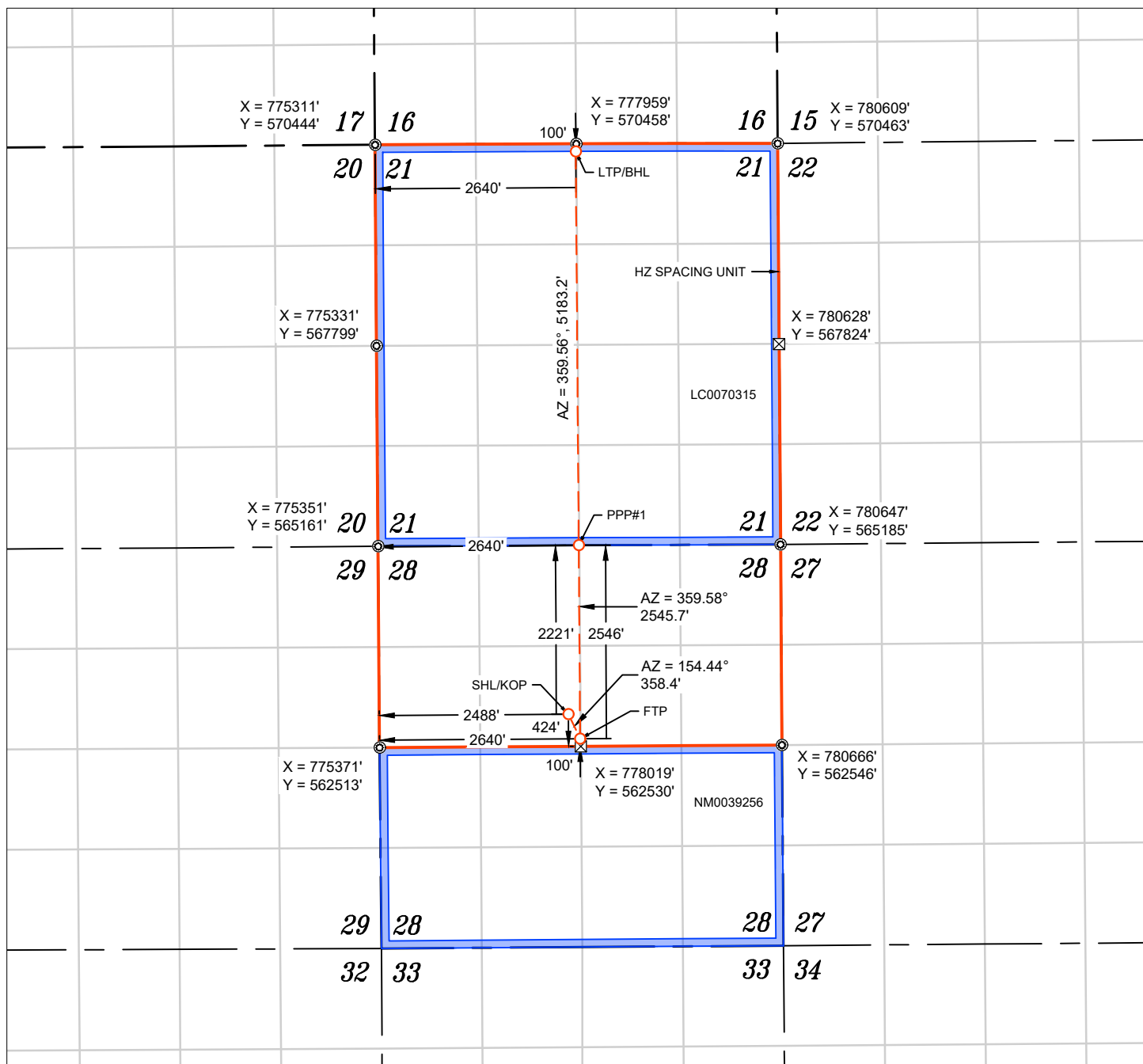
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	21	20 S	34 E		100' FNL	2640' FWL	32.565623°	-103.565289°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3698'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  </div> <p style="text-align: center; color: red; font-size: 1.2em;">                    22 October 2025             </p>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	Certificate Number
		Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #303H  
 ELEVATION: 3698'

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2221' FNL &amp; 2488' FWL</b>
LATITUDE = 32.545272°
LONGITUDE = -103.565775°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545152°
LONGITUDE = -103.565286°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562952.88' E: 777855.49'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562891.81' E: 736674.29'

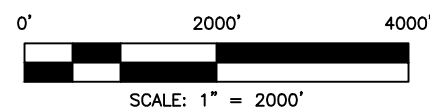
<b>NAD 83 (FTP) 2546' FNL &amp; 2640' FWL</b>
LATITUDE = 32.544380°
LONGITUDE = -103.565281°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544260°
LONGITUDE = -103.564791°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562629.52' E: 778010.13'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562568.45' E: 736828.91'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2545.67'
LC0070315	5183.20'
<b>TOTAL</b>	<b>7728.87'</b>

<b>NAD 83 (PPP#1) 2640' FWL</b>
LATITUDE = 32.551377°
LONGITUDE = -103.565282°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551257°
LONGITUDE = -103.564792°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565175.12' E: 777991.43'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565113.99' E: 736810.30'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 2640' FWL</b>
LATITUDE = 32.565623°
LONGITUDE = -103.565289°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565504°
LONGITUDE = -103.564799°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570358.17' E: 777951.87'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570296.93' E: 736770.92'

FOUND MONUMENT  
 CALC. CORNER  
 WELLBORE  
 HORIZONTAL SPACING UNIT  
 STATE OIL & GAS LEASE  
 BLM OIL & GAS LEASE



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#304H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3702'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2476' FNL	475' FEL	32.544552°	-103.558204°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	21	20 S	34 E		100' FNL	1485' FEL	32.565606°	-103.561481°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2476' FNL	475' FEL	32.544552°	-103.558204°	LEA

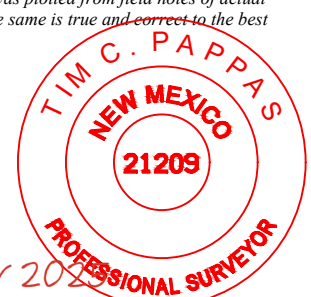
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
G	28	20 S	34 E		2543' FNL	1485' FEL	32.544377°	-103.561483°	LEA

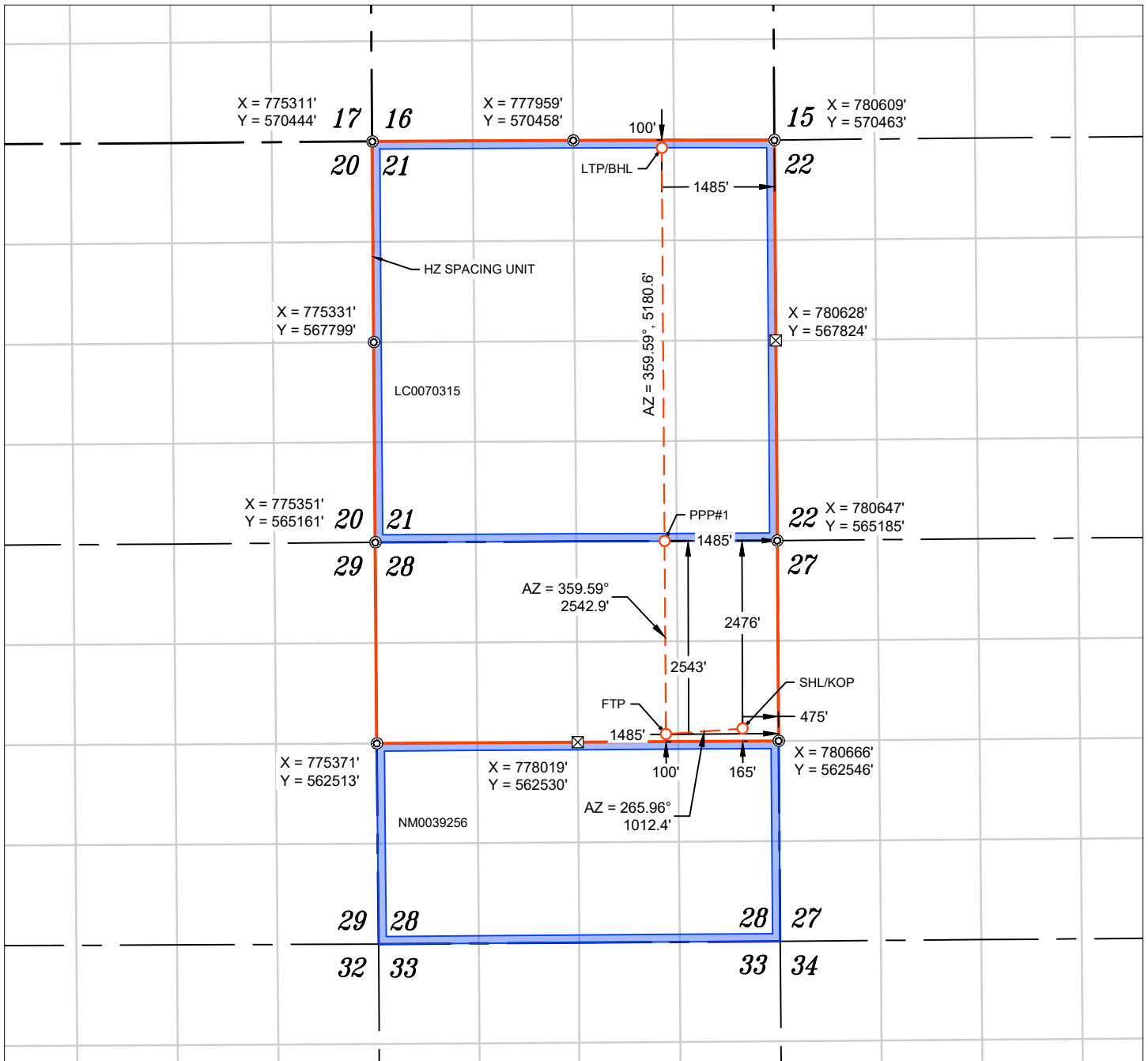
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	21	20 S	34 E		100' FNL	1485' FEL	32.565606°	-103.561481°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3702'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><b>22 October 2025</b></p> </div>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	21209                      OCTOBER 10, 2025
		Certificate Number                      Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #304H  
 ELEVATION: 3702'

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2476' FNL &amp; 475' FEL</b>
LATITUDE = 32.544552°
LONGITUDE = -103.558204°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544432°
LONGITUDE = -103.557715°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562708.04' E: 780190.54'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562646.99' E: 739009.28'

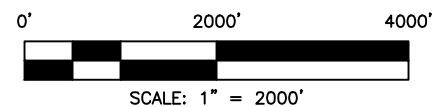
<b>NAD 83 (FTP) 2543' FNL &amp; 1485' FEL</b>
LATITUDE = 32.544377°
LONGITUDE = -103.561483°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544257°
LONGITUDE = -103.560993°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562636.77' E: 779180.61'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562575.72' E: 737999.37'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2542.95'
LC0070315	5180.59'
<b>TOTAL</b>	<b>7723.54'</b>

<b>NAD 83 (PPP#1) 1485' FEL</b>
LATITUDE = 32.551366°
LONGITUDE = -103.561482°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551246°
LONGITUDE = -103.560992°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565179.66' E: 779162.33'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565118.54' E: 737981.17'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 1485' FEL</b>
LATITUDE = 32.565606°
LONGITUDE = -103.561481°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565486°
LONGITUDE = -103.560991°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570360.12' E: 779125.13'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570298.89' E: 737944.15'

FOUND MONUMENT  
 CALC. CORNER  
 SHL/ KOP/ FTP / PPP/ LTP / BHL  
 WELLBORE  
 HORIZONTAL SPACING UNIT  
 STATE OIL & GAS LEASE  
 BLM OIL & GAS LEASE



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024			
		Submittal Type: <table style="width:100%; border: none;"> <tr> <td style="border: none;"><input checked="" type="checkbox"/> Initial Submittal</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> Amended Report</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> As Drilled</td> </tr> </table>	<input checked="" type="checkbox"/> Initial Submittal	<input type="checkbox"/> Amended Report	<input type="checkbox"/> As Drilled
<input checked="" type="checkbox"/> Initial Submittal					
<input type="checkbox"/> Amended Report					
<input type="checkbox"/> As Drilled					

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#305H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3702'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	395' FEL	32.544552°	-103.557944°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	330' FEL	32.565588°	-103.557732°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	395' FEL	32.544552°	-103.557944°	LEA


**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2540' FNL	330' FEL	32.544373°	-103.557735°	LEA

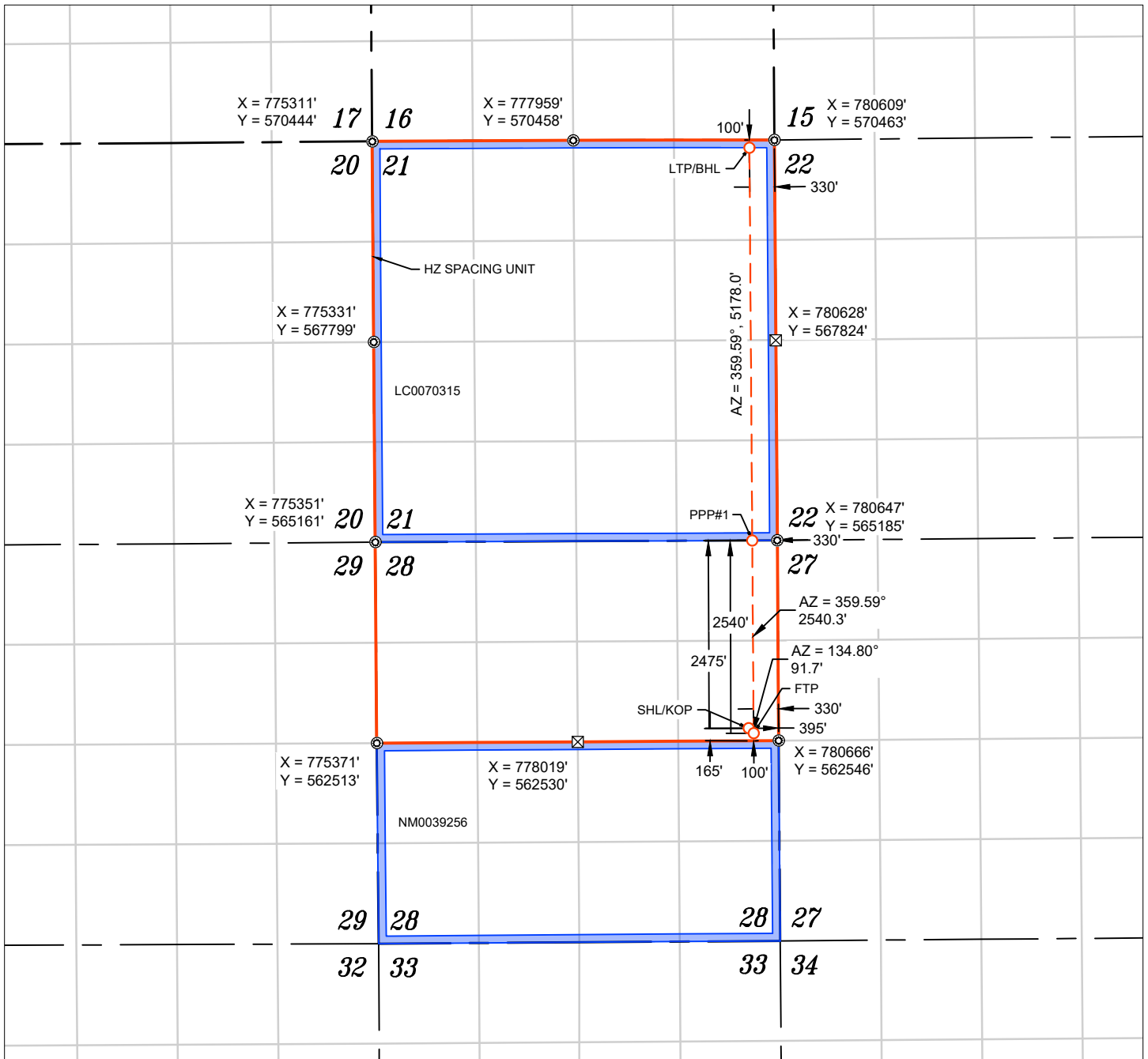
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	330' FEL	32.565588°	-103.557732°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3702'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><i>[Signature]</i> 22 October 2025</p> </div>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	21209                      OCTOBER 10, 2025
		Certificate Number                      Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #305H  
 ELEVATION: 3702'

**NOTES**

- ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
- THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
- ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2475' FNL &amp; 395' FEL</b>
LATITUDE = 32.544552°
LONGITUDE = -103.557944°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544432°
LONGITUDE = -103.557455°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562708.53' E: 780270.54'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562647.48' E: 739089.28'

<b>NAD 83 (FTP) 2540' FNL &amp; 330' FEL</b>
LATITUDE = 32.544373°
LONGITUDE = -103.557735°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544253°
LONGITUDE = -103.557245°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562643.93' E: 780335.59'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562582.89' E: 739154.33'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2540.25'
LC0070315	5178.01'
<b>TOTAL</b>	<b>7718.26'</b>

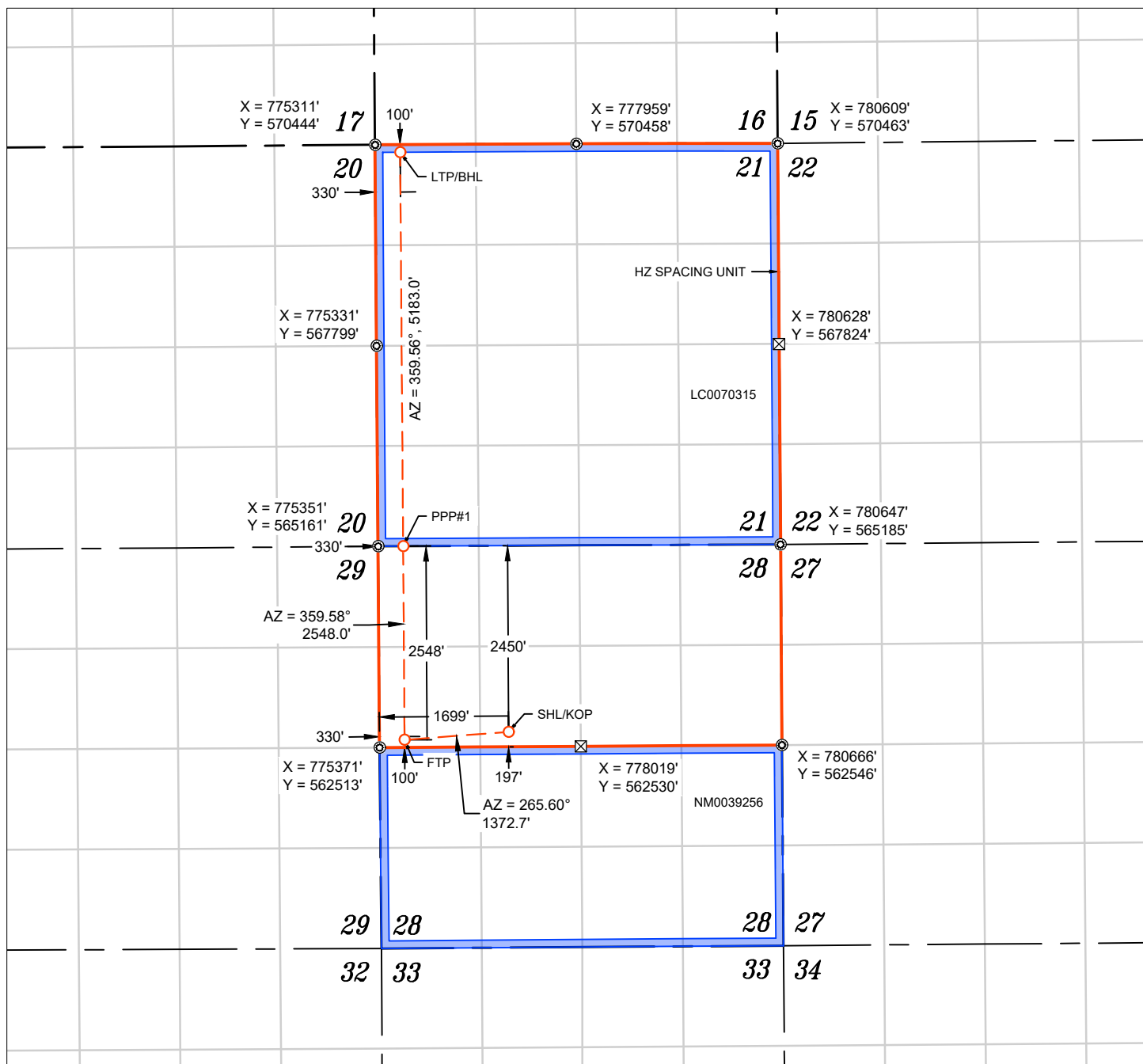
<b>NAD 83 (PPP#1) 330' FEL</b>
LATITUDE = 32.551355°
LONGITUDE = -103.557734°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551235°
LONGITUDE = -103.557244°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565184.12' E: 780317.32'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565123.02' E: 739136.14'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 330' FEL</b>
LATITUDE = 32.565588°
LONGITUDE = -103.557732°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565468°
LONGITUDE = -103.557242°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570362.00' E: 780280.14'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570300.78' E: 739099.14'

FOUND MONUMENT  
 CALC. CORNER  
 SHL/ KOP/ FTP / PPP / LTP / BHL  
 WELLBORE  
 HORIZONTAL SPACING UNIT  
 STATE OIL & GAS LEASE  
 BLM OIL & GAS LEASE







WELL NAME: PALOMA 28 21 FED COM #501H  
 ELEVATION: 3699'

<b>NAD 83 (SHL/KOP) 2450' FNL &amp; 1699' FWL</b>
LATITUDE = 32.544649°
LONGITUDE = -103.568333°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544529°
LONGITUDE = -103.567844°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562720.49' E: 777068.80'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562659.42' E: 735887.60'

<b>NAD 83 (FTP) 2548' FNL &amp; 330' FWL</b>
LATITUDE = 32.544386°
LONGITUDE = -103.572777°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544266°
LONGITUDE = -103.572287°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562615.19' E: 775700.17'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562554.11' E: 734519.01'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2548.01'
LC0070315	5183.05'
TOTAL	7731.06'

<b>NAD 83 (PPP#1) 330' FWL</b>
LATITUDE = 32.551390°
LONGITUDE = -103.572779°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551270°
LONGITUDE = -103.572289°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565163.14' E: 775681.46'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565101.99' E: 734500.38'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 330' FWL</b>
LATITUDE = 32.565636°
LONGITUDE = -103.572787°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565516°
LONGITUDE = -103.572296°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570346.03' E: 775641.90'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570284.78' E: 734460.99'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
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3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal
		<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#502H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3698'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2244' FNL	2411' FWL	32.545211°	-103.566025°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	20 S	34 E		100' FNL	1254' FWL	32.565631°	-103.569788°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2244' FNL	2411' FWL	32.545211°	-103.566025°	LEA

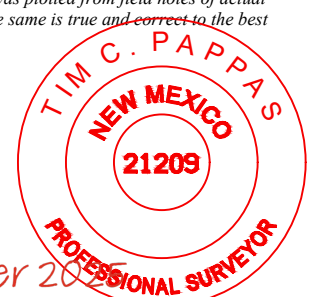
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	28	20 S	34 E		2547' FNL	1254' FWL	32.544384°	-103.569779°	LEA

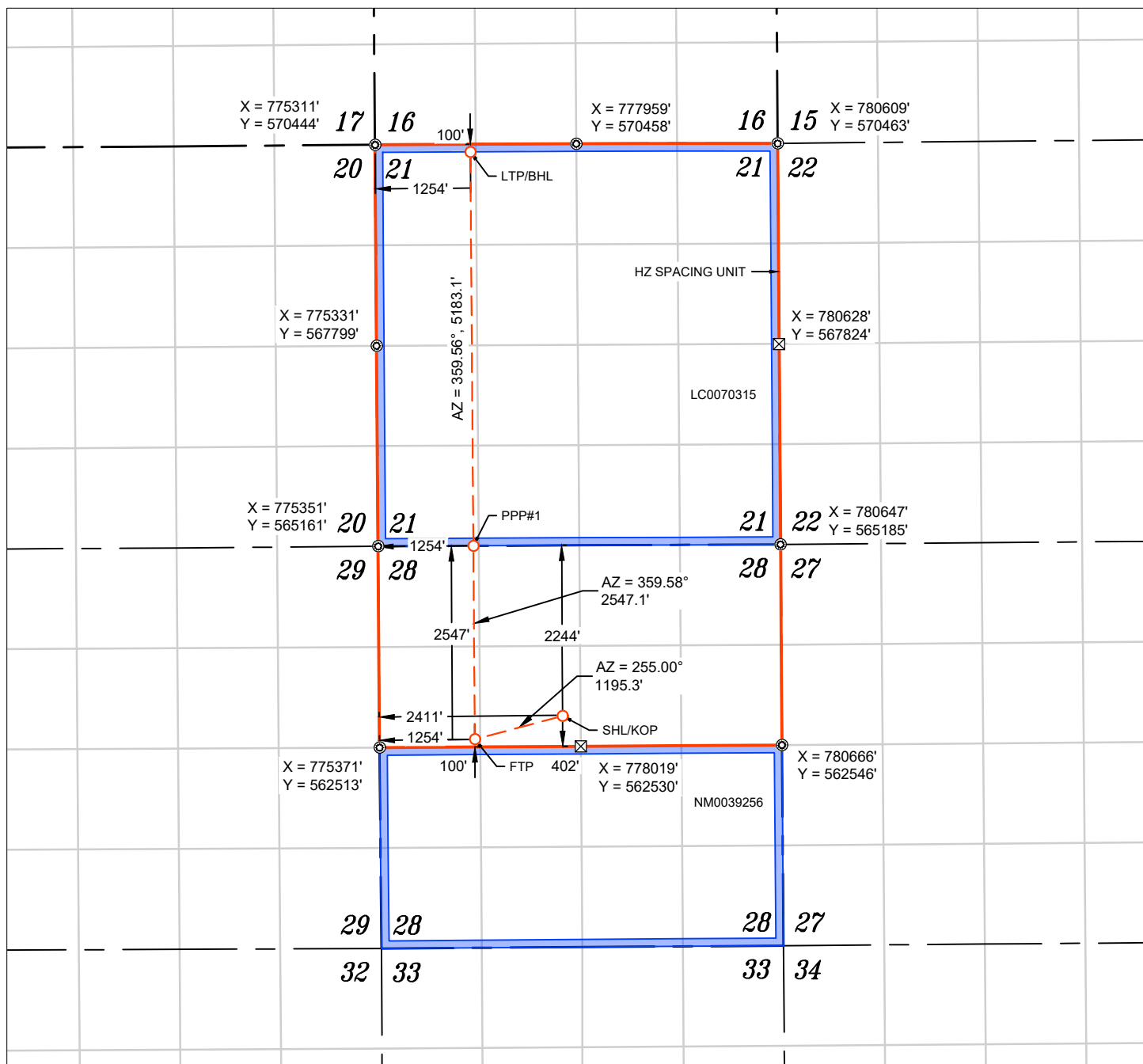
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	20 S	34 E		100' FNL	1254' FWL	32.565631°	-103.569788°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3698'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><i>23 October 2025</i></p> </div>	
Signature	Date	Signature and Seal of Professional Surveyor
Printed Name	Email Address	21209                      OCTOBER 16, 2025
		Certificate Number              Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #502H  
 ELEVATION: 3698'

<b>NAD 83 (SHL/KOP) 2244' FNL &amp; 2411' FWL</b>
LATITUDE = 32.545211°
LONGITUDE = -103.566025°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545091°
LONGITUDE = -103.565535°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562930.22' E: 777778.77'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562869.15' E: 736597.57'

<b>NAD 83 (FTP) 2547' FNL &amp; 1254' FWL</b>
LATITUDE = 32.544384°
LONGITUDE = -103.569779°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544264°
LONGITUDE = -103.569289°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562620.92' E: 776624.16'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562559.85' E: 735442.97'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2547.07'
LC0070315	5183.11'
TOTAL	7730.18'

<b>NAD 83 (PPP#1) 1254' FWL</b>
LATITUDE = 32.551385°
LONGITUDE = -103.569780°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551265°
LONGITUDE = -103.569290°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565167.93' E: 776605.45'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565106.79' E: 735424.35'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 1254' FWL</b>
LATITUDE = 32.565631°
LONGITUDE = -103.569788°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565511°
LONGITUDE = -103.569297°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570350.89' E: 776565.91'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570289.64' E: 735384.99'

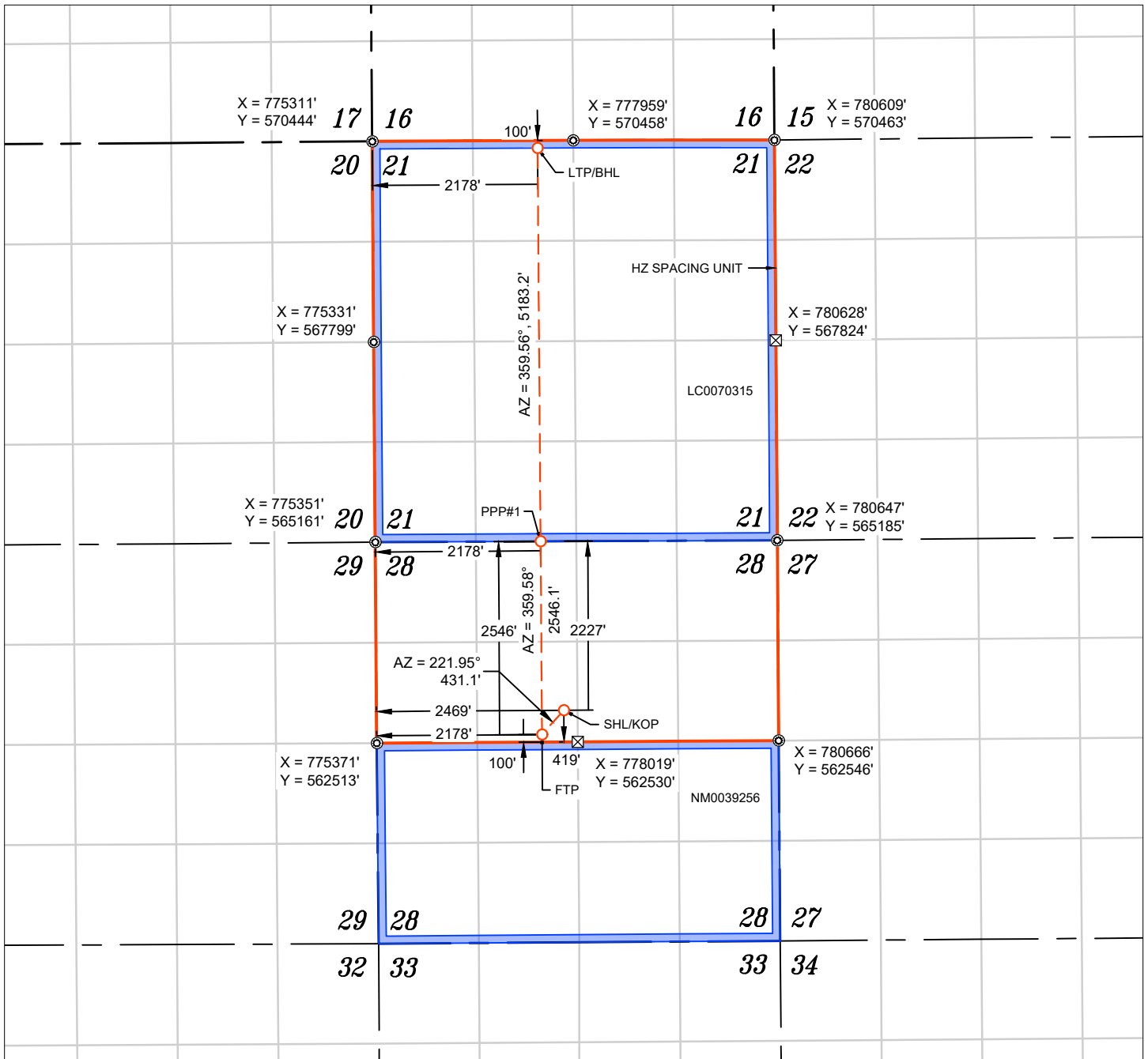
- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- - - HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
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3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.







WELL NAME: PALOMA 28 21 FED COM #503H  
 ELEVATION: 3698'

<b>NAD 83 (SHL/KOP) 2227' FNL &amp; 2469' FWL</b>
LATITUDE = 32.545257°
LONGITUDE = -103.565838°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545137°
LONGITUDE = -103.565348°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562947.22' E: 777836.31'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562886.15' E: 736655.11'

<b>NAD 83 (FTP) 2546' FNL &amp; 2178' FWL</b>
LATITUDE = 32.544381°
LONGITUDE = -103.566780°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544261°
LONGITUDE = -103.566291°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562626.65' E: 777548.14'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562565.58' E: 736366.93'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2546.14'
LC0070315	5183.17'
TOTAL	7729.31'

<b>NAD 83 (PPP#1) 2178' FWL</b>
LATITUDE = 32.551380°
LONGITUDE = -103.566781°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551260°
LONGITUDE = -103.566291°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565172.72' E: 777529.44'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565111.59' E: 736348.32'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 2178' FWL</b>
LATITUDE = 32.56526°
LONGITUDE = -103.566789°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.56506°
LONGITUDE = -103.566298°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570355.74' E: 777489.88'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570294.50' E: 736308.94'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

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3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type:
		<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#504H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3698'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2210' FNL	2526' FWL	32.545302°	-103.565650°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	21	20 S	34 E		100' FNL	2178' FEL	32.565616°	-103.563730°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	28	20 S	34 E		2210' FNL	2526' FWL	32.545302°	-103.565650°	LEA

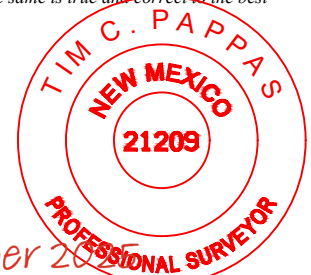
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
G	28	20 S	34 E		2545' FNL	2178' FEL	32.544379°	-103.563731°	LEA

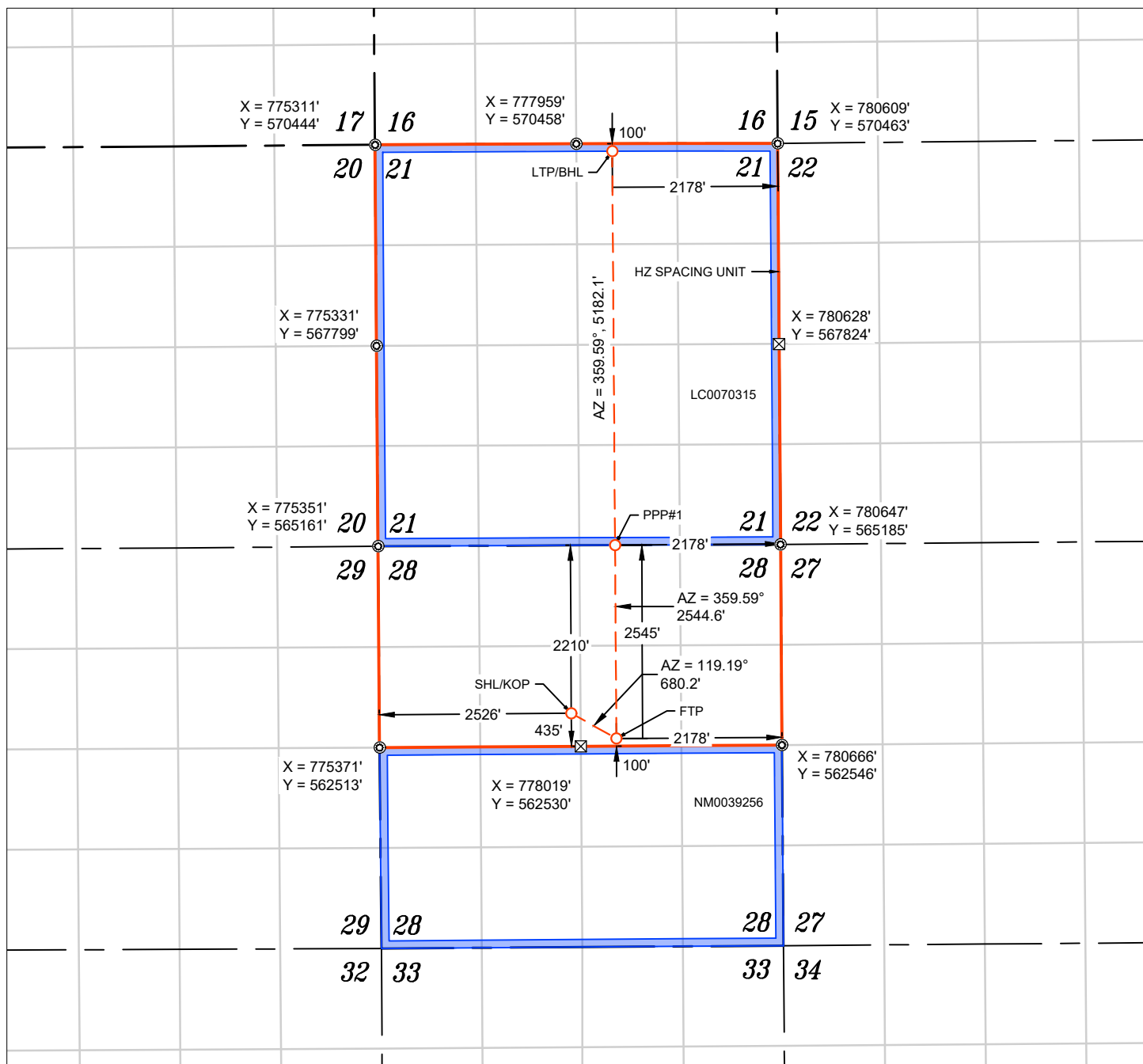
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	21	20 S	34 E		100' FNL	2178' FEL	32.565616°	-103.563730°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3698'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><b>23 October 2025</b></p> </div>		
Signature	Date	Signature and Seal of Professional Surveyor	
Printed Name	Email Address	21209	OCTOBER 9, 2025
		Certificate Number	Date of Survey

Note: 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.



WELL NAME: PALOMA 28 21 FED COM #504H  
 ELEVATION: 3698'

**NOTES**

- ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
- THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
- ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2210' FNL &amp; 2526' FWL</b>
LATITUDE = 32.545302°
LONGITUDE = -103.565650°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.545182°
LONGITUDE = -103.565161°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562964.22' E: 777893.86'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562903.14' E: 736712.65'

<b>NAD 83 (FTP) 2545' FNL &amp; 2178' FEL</b>
LATITUDE = 32.544379°
LONGITUDE = -103.563731°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544259°
LONGITUDE = -103.563242°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562632.48' E: 778487.63'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562571.41' E: 737306.40'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2544.56'
LC0070315	5182.14'
<b>TOTAL</b>	<b>7726.70'</b>

<b>NAD 83 (PPP#1) 2178' FEL</b>
LATITUDE = 32.551373°
LONGITUDE = -103.563731°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551253°
LONGITUDE = -103.563241°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565176.98' E: 778469.33'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565115.86' E: 737288.19'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 2178' FEL</b>
LATITUDE = 32.565616°
LONGITUDE = -103.563730°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565496°
LONGITUDE = -103.563240°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570358.98' E: 778432.12'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570297.75' E: 737251.15'

FOUND MONUMENT  
 CALC. CORNER  
 WELLBORE  
 HORIZONTAL SPACING UNIT  
 STATE OIL & GAS LEASE  
 BLM OIL & GAS LEASE



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024			
		Submittal Type: <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Initial Submittal</td> </tr> <tr> <td><input type="checkbox"/> Amended Report</td> </tr> <tr> <td><input type="checkbox"/> As Drilled</td> </tr> </table>	<input checked="" type="checkbox"/> Initial Submittal	<input type="checkbox"/> Amended Report	<input type="checkbox"/> As Drilled
<input checked="" type="checkbox"/> Initial Submittal					
<input type="checkbox"/> Amended Report					
<input type="checkbox"/> As Drilled					

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#505H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3702'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	435' FEL	32.544552°	-103.558074°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	1254' FEL	32.565602°	-103.560731°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
Order Numbers. <b>Pending</b>			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	435' FEL	32.544552°	-103.558074°	LEA

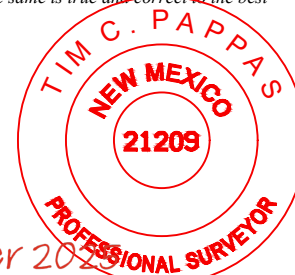
**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2542' FNL	1254' FEL	32.544376°	-103.560733°	LEA

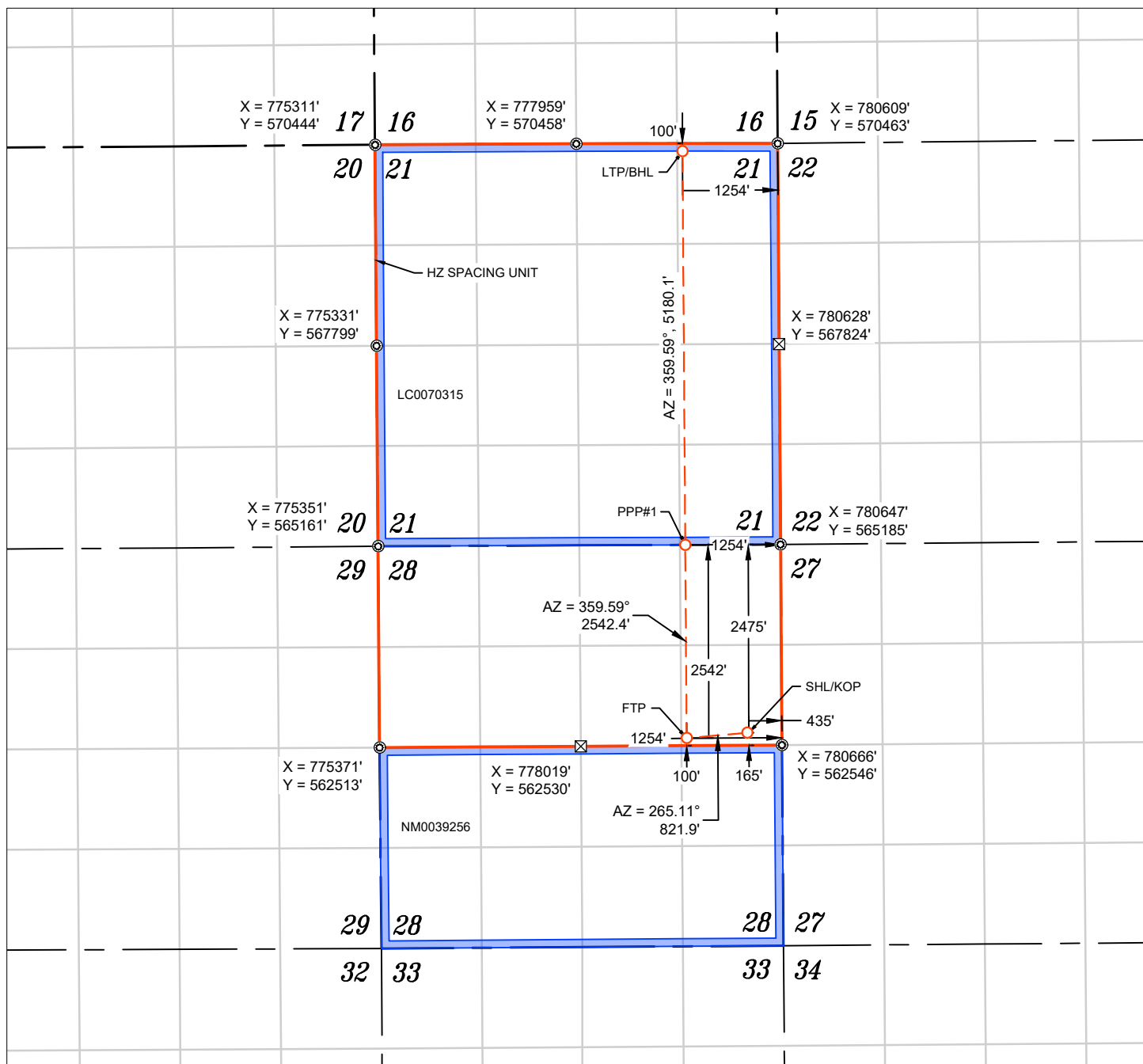
**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	1254' FEL	32.565602°	-103.560731°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3702'</b>
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<p><b>OPERATOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i></p>	<p><b>SURVEYOR CERTIFICATIONS</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div style="text-align: right;">  <p><i>23 October 2025</i></p> </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	21209 OCTOBER 10, 2025
Email Address _____	Certificate Number _____ Date of Survey _____

*Note: 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.*



WELL NAME: PALOMA 28 21 FED COM #505H  
 ELEVATION: 3702'

<b>NAD 83 (SHL/KOP) 2475' FNL &amp; 435' FEL</b>
LATITUDE = 32.544552°
LONGITUDE = -103.558074°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544432°
LONGITUDE = -103.557585°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562708.28' E: 780230.54'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562647.23' E: 739029.28'

<b>NAD 83 (FTP) 2542' FNL &amp; 1254' FEL</b>
LATITUDE = 32.544376°
LONGITUDE = -103.560733°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544256°
LONGITUDE = -103.560244°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562638.21' E: 779411.61'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562577.15' E: 738230.36'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2542.41'
LC0070315	5180.08'
<b>TOTAL</b>	<b>7722.49'</b>

<b>NAD 83 (PPP#1) 1254' FEL</b>
LATITUDE = 32.551364°
LONGITUDE = -103.560733°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551244°
LONGITUDE = -103.560243°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565180.55' E: 779393.32'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565119.44' E: 738212.16'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 1254' FEL</b>
LATITUDE = 32.565602°
LONGITUDE = -103.560731°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565482°
LONGITUDE = -103.560241°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570360.49' E: 779356.13'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570299.27' E: 738175.15'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP/ LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE

**NOTES**

1. ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
2. THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING OCTOBER, 2025. CERTIFICATION OF THIS DOCUMENT IS ONLY TO THE LOCATION OF THIS INFORMATION IN RELATION TO RECORDED MONUMENT OF DEEDS PROVIDED BY THE CLIENT.
3. ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.



<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION INFORMATION**

API Number	Pool Code <b>37580</b>	Pool Name <b>LEA;BONE SPRING, SOUTH</b>
Property Code	Property Name <b>PALOMA 28 21 FED COM</b>	Well Number <b>#506H</b>
OGRID No. <b>332947</b>	Operator Name <b>AVANT OPERATING II, LLC</b>	Ground Level Elevation <b>3702'</b>
Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

**Surface Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	375' FEL	32.544552°	-103.557879°	LEA

**Bottom Hole Location**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	330' FEL	32.565588°	-103.557732°	LEA

Dedicated Acres <b>960.00</b>	Infill or Defining Well <b>n/a</b>	Defining Well API <b>n/a</b>	Overlapping Spacing Unit (Y/N) <b>No</b>	Consolidation Code <b>n/a</b>
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Order Numbers. <b>Pending</b>	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Kick Off Point (KOP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2475' FNL	375' FEL	32.544552°	-103.557879°	LEA

**First Take Point (FTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	20 S	34 E		2540' FNL	330' FEL	32.544373°	-103.557735°	LEA

**Last Take Point (LTP)**

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	21	20 S	34 E		100' FNL	330' FEL	32.565588°	-103.557732°	LEA

Unitized Area or Area of Uniform Interest <b>No</b>	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: <b>3702'</b>
--	--	--------------------------------------

**OPERATOR CERTIFICATIONS**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

*If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.*

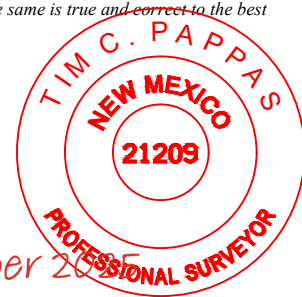
Signature	Date
Printed Name	
Email Address	

**SURVEYOR CERTIFICATIONS**

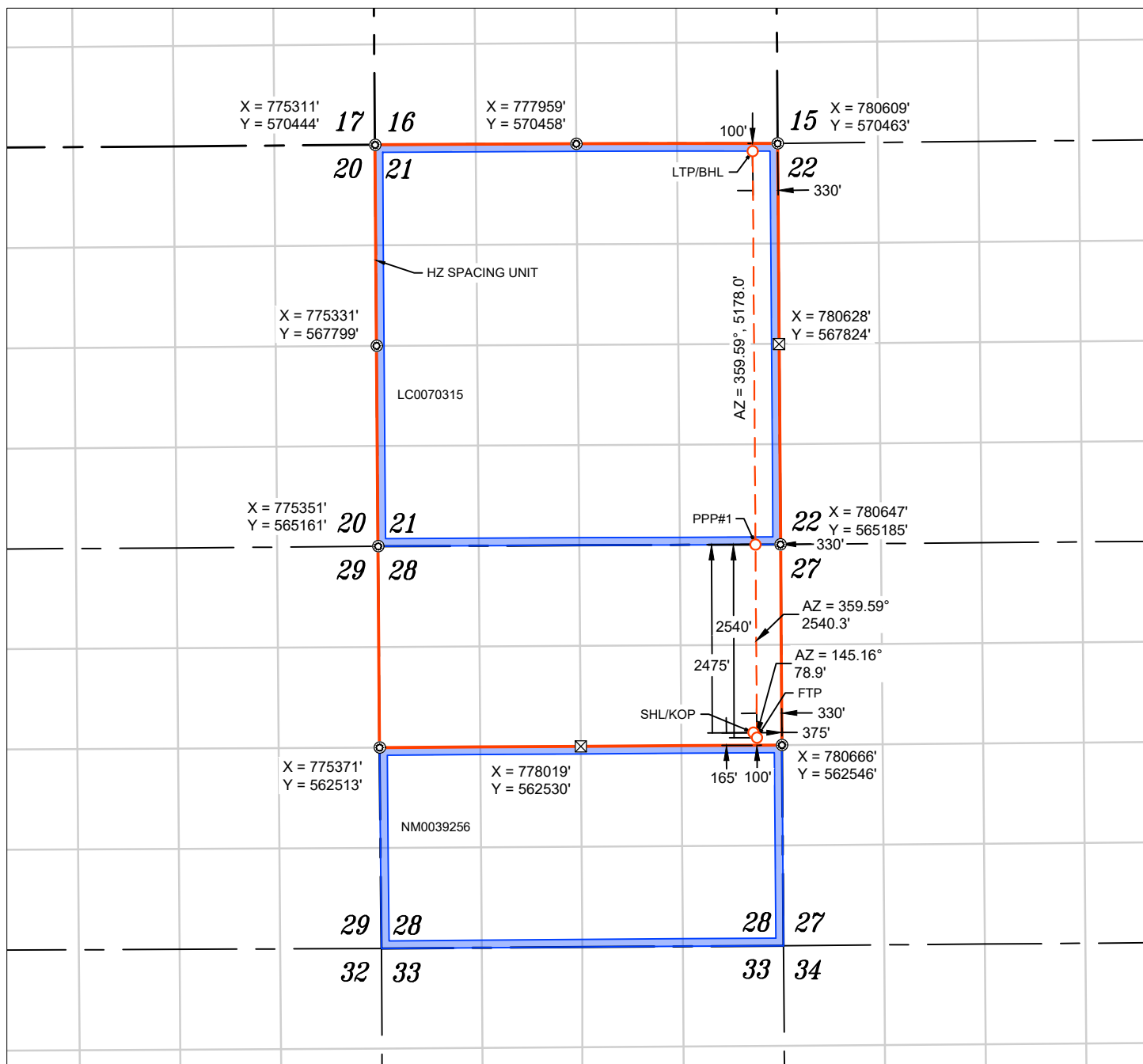
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

23 October 2025

Signature and Seal of Professional Surveyor	
21209	OCTOBER 10, 2025
Certificate Number	Date of Survey



Note: 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.



WELL NAME: PALOMA 28 21 FED COM #506H  
 ELEVATION: 3702'

**NOTES**

- ALL COORDINATES, BEARINGS, AND DISTANCES CONTAINED HEREIN ARE GRID, BASED UPON THE NEW MEXICO STATE PLANE COORDINATES SYSTEM, NORTH AMERICAN DATUM 83, NEW MEXICO EAST (3001).
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- ELEVATIONS MSL, DERIVED FROM G.N.S.S. OBSERVATION AND DERIVED FROM SAID ON-THE-GROUND SURVEY.

<b>NAD 83 (SHL/KOP) 2475' FNL &amp; 375' FEL</b>
LATITUDE = 32.544552°
LONGITUDE = -103.557879°
<b>NAD 27 (SHL/KOP)</b>
LATITUDE = 32.544432°
LONGITUDE = -103.557390°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562708.66' E: 780290.54'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562647.61' E: 739109.28'

<b>NAD 83 (FTP) 2540' FNL &amp; 330' FEL</b>
LATITUDE = 32.544373°
LONGITUDE = -103.557735°
<b>NAD 27 (FTP)</b>
LATITUDE = 32.544253°
LONGITUDE = -103.557245°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 562643.93' E: 780335.59'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 562582.89' E: 739154.33'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
N/2 OF SEC. 28	2540.25'
LC0070315	5178.01'
<b>TOTAL</b>	<b>7718.26'</b>

<b>NAD 83 (PPP#1) 330' FEL</b>
LATITUDE = 32.551355°
LONGITUDE = -103.557734°
<b>NAD 27 (PPP#1)</b>
LATITUDE = 32.551235°
LONGITUDE = -103.557244°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 565184.12' E: 780317.32'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 565123.02' E: 739136.14'

<b>NAD 83 (LTP/BHL) 100' FNL &amp; 330' FEL</b>
LATITUDE = 32.565588°
LONGITUDE = -103.557732°
<b>NAD 27 (LTP/BHL)</b>
LATITUDE = 32.565468°
LONGITUDE = -103.557242°
<b>STATE PLANE NAD 83 (N.M. EAST)</b>
N: 570362.00' E: 780280.14'
<b>STATE PLANE NAD 27 (N.M. EAST)</b>
N: 570300.78' E: 739099.14'

- ⊙ FOUND MONUMENT
- ⊠ CALC. CORNER
- SHL/ KOP/ FTP / PPP / LTP / BHL
- - - WELLBORE
- HORIZONTAL SPACING UNIT
- STATE OIL & GAS LEASE
- BLM OIL & GAS LEASE



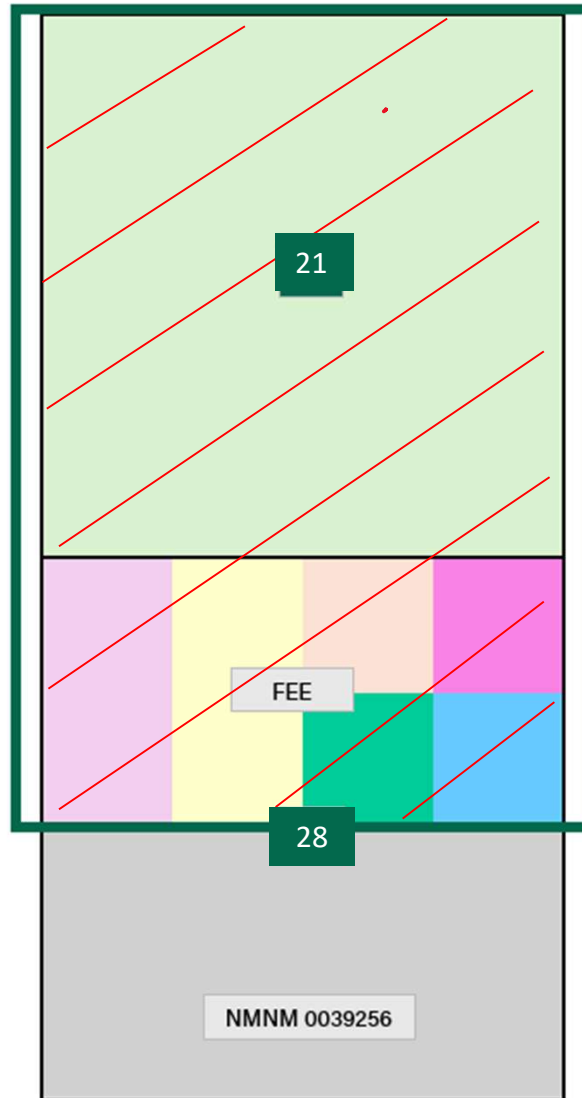
# Lease Tract Map



Paloma 28 21 Fed Com #201H – 206H  
 #301H – 305H, #501H – 506H

AO II  
 Case No. 26144  
 Exhibit C-2



*AO II holds majority working interest in the unit and owns an interest across the entire unit*



-  Tracts to which AO II owns an interest
-  Tracts to which AO II owns an interest

Tract No.	State/ Fed / Fee	Lease	Acres
1	FED	NMLC 0070315	640.00
2	FEE	Various	80.00
3	FEE	Various	80.00
4	FEE	Various	40.00
5	FEE	Various	40.00
6	FEE	Various	40.00
7	FEE	Various	40.00

**Total State, Fed and Fee Acreage: 960.00**

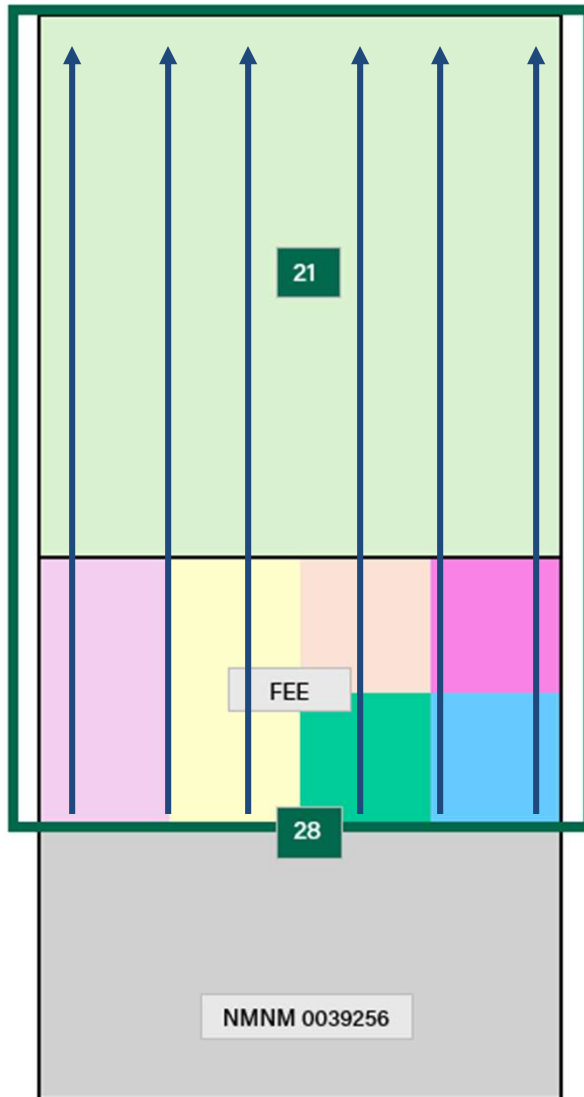


Lease Tract Map with locations  
Paloma 28 21 Fed Com #301H – 305H

AO II  
Case No. 26144  
Exhibit C-2



Tract Map with approx. well locations



First Bone Spring Wells

Well Name	Pool Code / Pool Name
Paloma 28 21 Fed Com #201H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #202H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #203H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #204H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #205H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #206H	37580 / Lea ; Bone Spring, South

Tract No.	State/ Fed / Fee	Lease	Acres
1	FED	NMLC 0070315	640.00
2	FEE	Various	80.00
3	FEE	Various	80.00
4	FEE	Various	40.00
5	FEE	Various	40.00
6	FEE	Various	40.00
7	FEE	Various	40.00

**Total State, Fed and Fee Acreage: 960.00**

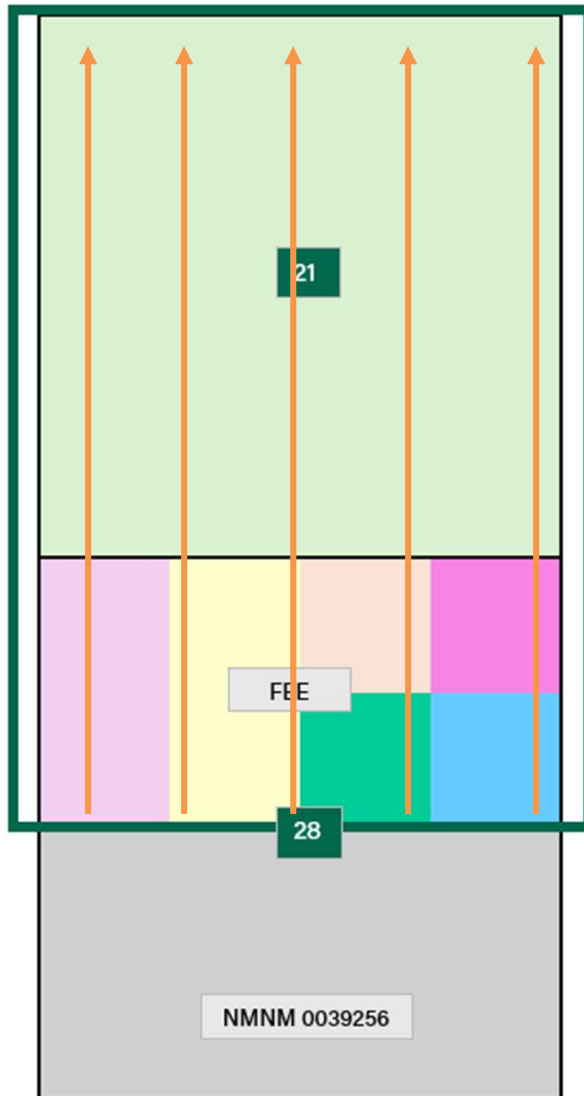


Lease Tract Map with locations  
Paloma 28 21 Fed Com #201H – 206H

AO II  
Case No. 26144  
Exhibit C-2



Tract Map with approx. well locations



Second Bone Spring Wells

Well Name	Pool Code / Pool Name
Paloma 28 21 Fed Com #301H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #302H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #303H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #304H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #305H	37580 / Lea ; Bone Spring, South

Tract No.	State/ Fed / Fee	Lease	Acres
1	FED	NMLC 0070315	640.00
2	FEE	Various	80.00
3	FEE	Various	80.00
4	FEE	Various	40.00
5	FEE	Various	40.00
6	FEE	Various	40.00
7	FEE	Various	40.00

**Total State, Fed and Fee Acreage: 960.00**

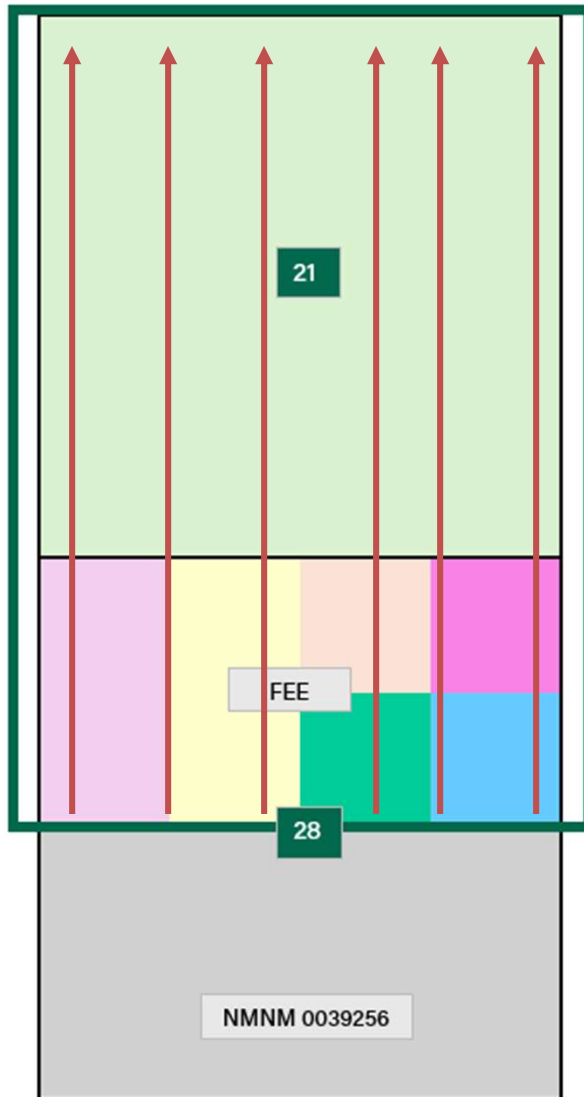


Lease Tract Map with locations  
Paloma 28 21 Fed Com #501H – 506H

AO II  
Case No. 26144  
Exhibit C-2



Tract Map with approx. well locations



Third Bone Spring Wells

Well Name	Pool Code / Pool Name
Paloma 28 21 Fed Com #501H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #502H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #503H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #504H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #505H	37580 / Lea ; Bone Spring, South
Paloma 28 21 Fed Com #506H	37580 / Lea ; Bone Spring, South

Tract No.	State/ Fed / Fee	Lease	Acres
1	FED	NMLC 0070315	640.00
2	FEE	Various	80.00
3	FEE	Various	80.00
4	FEE	Various	40.00
5	FEE	Various	40.00
6	FEE	Various	40.00
7	FEE	Various	40.00

**Total State, Fed and Fee Acreage: 960.00**



Summary of Working Interest Owners

Paloma 28 21 Fed Com #201H – 206H  
 #301H – 305H, #501H – 506H

AO II  
 Case No. 26144  
 Exhibit C-2



ALL of Section 21 and N2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico

Summary of Working Interest Owners:

UNIT BREAKOUT BY OWNER	Owner Type	WI	NMA	Tract No.	Status
AO II Permian, LLC	WI	72.97%	700.5250	1, 2, 3, 4, 5, 6, 7	OPERATOR
Marathon Oil Permian, LLC	WI	23.85%	228.9228	2, 3, 4, 5, 6, 7	Under JOA - Committed
MRC Permian Company	WI	0.72%	6.9444	2, 3, 4	Under JOA - Committed
WR Non-Op II LLC	WI	0.06%	0.5979	7	Under JOA - Committed
Paloma Permian AssetCo, LLC	WI	0.19%	1.7778	7	Under JOA - Committed
Roy G. Barton, Jr., as Trustee of Roy G. Barton, Sr., and Opal Barton Revocable Trust UTA dated January 28, 1982	WI	0.93%	8.9722	2, 3, 4, 5, 6, 7	Under JOA - Committed
Roy G. Barton Jr., as his sole and separate property	UNLEASED MI	1.11%	10.6111	2, 3, 4, 5, 6, 7	Uncommitted - Compulsary Pool
Caprock Minerals, LLC	UNLEASED MI	0.07%	0.6667	2, 3, 4, 5, 6, 7	Uncommitted - Compulsary Pool
Wells Fargo Bank, as Trustee of the Adriana Isabel Elkan Trust	UNLEASED MI	0.01%	0.1422	7	Uncommitted - Compulsary Pool
Gregory J. Nibert and Carolyn S. Nibert, Co-Trustees of the DJS Trust dated September 23, 2005	WI	0.06%	0.5556	7	Under JOA - Committed
Edward Armstrong Elkan III, as his sole and separate property	UNLEASED MI	0.01%	0.1422	7	Uncommitted - Compulsary Pool
Oak Valley Mineral and Land, LP	UNLEASED MI	0.01%	0.1422	7	Uncommitted - Compulsary Pool

100.00% 960.0000

98.78% = AOII Working Interest Control

Highlighted = Parties to be Pooled



**ORRI Ownership**

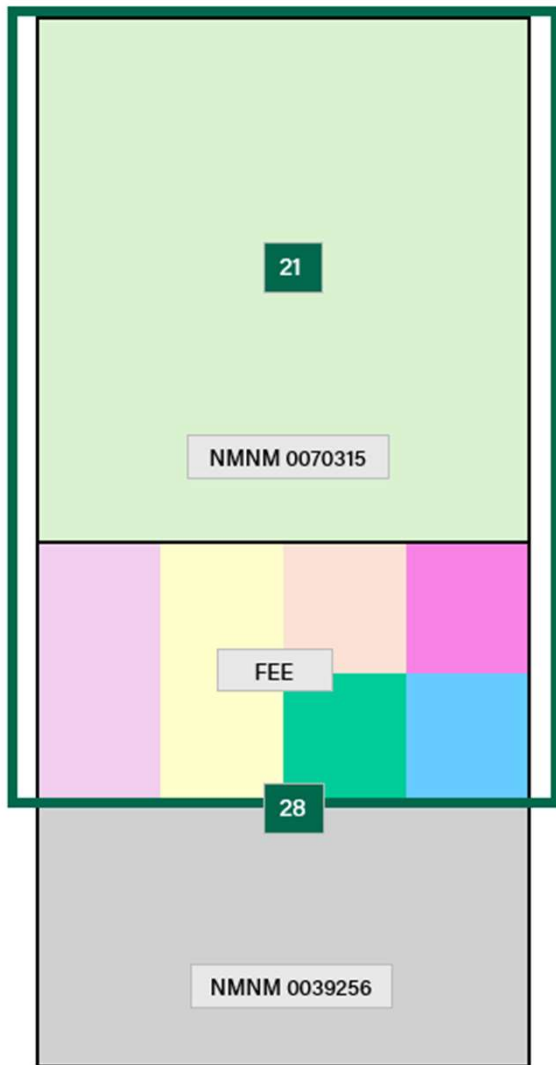
Paloma 28 21 Fed Com #201H – 206H  
 #301H – 305H, #501H – 506H

AO II  
 Case No. 26144  
 Exhibit C-2



**ALL of Section 21 and N2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico**

**Summary of ORRI Owners to be Pooled:**



Owner	Type
Big Three Energy Group, L.L.C P.O. Box 429 Roswell, New Mexico 88202	ORRI
Prospector, LLC P.O. Box 429 Roswell, New Mexico 88202	ORRI
Ross Duncan Properties, LLC P.O. Box 647 Artesia, New Mexico 88211-0647	ORRI
Featherstone Development Corporation P.O. Box 429 Roswell, New Mexico 88202	ORRI
Harold A. Elkan and Nancy Hastings Elkan, joint tenants with rights of survivorship 3731 Shade Tree Terrace Portage, Michigan 49024-1036	ORRI
Wells Fargo Bank, as Trustee of the Adriana Isabel Elkan Trust 201 Main Street, Suite 400 Fort Worth, Texas 76102	ORRI
Philip L. White, martial status unknown P. O. Box 25968 Albuquerque, New Mexico 87125	ORRI
Gregory J. Nibert and Carolyn S. Nibert, Co- Trustees of the DJS Trust dated September 23, 2005 P. O. Box 1453 Roswell, New Mexico 88202-1453	ORRI

Oak Valley Mineral and Land, LP 4000 North Big Spring, Suite 310 Midland, Texas 79705	ORRI
Gregory J. Nibert and Carolyn S. Nibert, Co- Trustees of the DJS Trust dated September 23, 2005 P. O. Box 1453 Roswell, New Mexico 88202-1453	ORRI
Oak Valley Mineral and Land, LP 4000 North Big Spring, Suite 310 Midland, Texas 79705	ORRI
Oak Valley Mineral and Land, LP 4000 North Big Spring, Suite 310 Midland, Texas 79705	ORRI





CASE NO. 26144-AO II-PALOMA 28 21 FED COM WELLS  
 SUMMARY OF NOTICE  
 EXHIBIT C-2

<b>Owner Name</b>	<b>Owner Type (WIO/UMI/ORRI)</b>	<b>Ownership Status (Committed/Uncommitted)</b>	<b>Commitment Type (JOA, Letter of Support, Etc.)</b>	<b>Hearing Notice Letter</b>	<b>Publication Date</b>	<b>Exhibit</b>
AOII Permian, LLC	WI	Committed	OPERATOR	5/15/26	5/8/26	E
Marathon Oil Permian LLC	WI	Committed	JOA	5/15/26	5/8/26	E
MRC Permian	WI	Committed	JOA	5/15/26	5/8/26	E
Paloma Permian AssetCo	WI	Committed	JOA	5/15/26	5/8/26	E
Roy G. Barton Jr.,	UMI	Uncommitted	Pool	5/15/26	5/8/26	E
Caprock Minerals, LLC	UMI	Uncommitted	Pool	5/15/26	5/8/26	E
Wells Fargo Bank, as Trustee of the Adriana Isabel Elkan Trust	UMI	Uncommitted	Pool	5/15/26	5/8/26	E
Philip L. White	ORRI	Uncommitted	Pool	5/15/26	5/8/26	E
Harold A. Elkan and	ORRI	Uncommitted	Pool	5/15/26	5/8/26	E



CASE NO. 26144-AO II-PALOMA 28 21 FED COM WELLS  
 SUMMARY OF NOTICE  
 EXHIBIT C-2

Nancy Hastings Elkan, joint tenants with rights of survivorship						
Gregory J. Nibert and Carolyn S. Nibert, Co-Trustees of the DJS Trust dated September 23, 2005	ORRI	Uncommitted	Pool	5/15/26	5/8/26	E
Big Three Energy Group	ORRI	Uncommitted	Pool	5/15/26	5/8/26	E
Prospector	ORRI	Uncommitted	Pool	5/15/26	5/8/26	E
Featherstone	ORRI	Uncommitted	Pool	5/15/26	5/8/26	E
Oak Valley	ORRI	Uncommitted	Pool	5/15/26	5/8/26	E
Edward Armstrong Elkan III, as his sole and separate property	UNLEASED MI	Uncommitted	Pool	5/15/26	5/8/26	E
Oak Valley Mineral and Land, LP	UNLEASED MI	Uncommitted	Pool	5/15/26	5/8/26	E



CASE NO. 26144-AO II-PALOMA 28 21 FED COM WELLS  
SUMMARY OF NOTICE  
EXHIBIT C-2

WR Non-Op, LLC	WI	Committed	JOA	5/15/26	5/8/26	E
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EXHIBIT C-3

March 20, 2026

**Marathon Oil Permian, LLC**

c/o ConocoPhillips  
925 N. Eldridge Parkway  
Houston, TX 77079-2703

RE: Paloma 28 21 Fed Com #201H - #206H, #301H - #305H  
and Paloma 28 21 Fed Com #501H - #506H  
All of Section 21 and N2 of Section 28, Township 20 South, Range 34 East  
Lea County, New Mexico

Ladies and Gentlemen:

Avant Operating II, LLC ("Avant") hereby proposes to drill and complete the Paloma 28 21 Fed Com #201H - #206H, #301H - #305H and the #501H - 506H wells in All of Section 21 and the N2 of Section 28, Township 20 South, Range 34 East, Lea County, New Mexico, to test the Avalon and Bone Spring Formations.

In connection with the above, please note the following:

- The estimated cost of drilling, testing, completing, and equipping of each well and CTB is itemized on the enclosed Authority for Expenditure ("AFE") dated March 17<sup>th</sup>, 2026.
- **Paloma 28 21 Fed Com #201H:** to be drilled from a legal location with a proposed surface hole location of Section 28 T20S-R34E 2461' FNL, 1661' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 330' FWL. The Well will have a targeted interval within the Avalon formation at a depth of approximately 9,200' TVD and will be drilled horizontally to a Measured Depth of approximately 17,123'.
- **Paloma 28 21 Fed Com #202H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2249' FNL, 2392' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 1254' FWL. The Well will have a targeted interval within the Avalon formation at a depth of approximately 9,200' TVD and will be drilled horizontally to a Measured Depth of approximately 17,123'.
- **Paloma 28 21 Fed Com #203H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2233' FNL, 2449' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 2178' FWL. The Well will have a targeted interval within the Avalon formation at a depth of approximately 9,200' TVD and will be drilled horizontally to a Measured Depth of approximately 17,123'.
- **Paloma 28 21 Fed Com #204H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2216' FNL, 2507' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 2178' FEL. The Well will have a targeted interval

Avant Operating II, LLC | 1515 Wynkoop Street, Suite #700 | Land Department | Denver, CO 80202



within the Avalon formation at a depth of approximately 9,200' TVD and will be drilled horizontally to a Measured Depth of approximately 17,123'.

- **Paloma 28 21 Fed Com #205H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2476' FNL, 455' FEL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 1254' FEL. The Well will have a targeted interval within the Avalon formation at a depth of approximately 9,200' TVD and will be drilled horizontally to a Measured Depth of approximately 17,123'.
- **Paloma 28 21 Fed Com #206H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2475' FNL, 415' FEL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 330' FEL. The Well will have a targeted interval within the Avalon formation at a depth of approximately 9,200' TVD and will be drilled horizontally to a Measured Depth of approximately 17,123'.
- **Paloma 28 21 Fed Com #301H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2455' FNL, 1680' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 330' FWL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,725' TVD and will be drilled horizontally to a Measured Depth of approximately 17,648'.
- **Paloma 28 21 Fed Com #302H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2238' FNL, 2430' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 1485' FWL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,725' TVD and will be drilled horizontally to a Measured Depth of approximately 17,648'.
- **Paloma 28 21 Fed Com #303H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2221' FNL, 2488' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 2640' FWL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,725' TVD and will be drilled horizontally to a Measured Depth of approximately 17,648'.
- **Paloma 28 21 Fed Com #304H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2476' FNL, 475' FEL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 1485' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,725' TVD and will be drilled horizontally to a Measured Depth of approximately 17,648'.
- **Paloma 28 21 Fed Com #305H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2475' FNL, 395' FEL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 330' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 9,725' TVD and will be drilled horizontally to a Measured Depth of approximately 17,648'.



- **Paloma 28 21 Fed Com #501H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2450' FNL, 1699' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 330' FWL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,550' TVD and will be drilled horizontally to a Measured Depth of approximately 18,473'.
- **Paloma 28 21 Fed Com #502H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2244' FNL, 2411' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 1254' FWL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,200' TVD and will be drilled horizontally to a Measured Depth of approximately 18,473'.
- **Paloma 28 21 Fed Com #503H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2227' FNL, 2469' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 2178' FWL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,550' TVD and will be drilled horizontally to a Measured Depth of approximately 18,473'.
- **Paloma 28 21 Fed Com #504H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2210' FNL, 2526' FWL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 2178' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,200' TVD and will be drilled horizontally to a Measured Depth of approximately 18,473'.
- **Paloma 28 21 Fed Com #505H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2475' FNL, 435' FEL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 1254' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,550' TVD and will be drilled horizontally to a Measured Depth of approximately 18,473'.
- **Paloma 28 21 Fed Com #506H:** to be drilled from a legal location with a proposed surface hole location of Section 28 of T20S-R34E 2475' FNL, 375' FEL and a proposed last take point and bottom hole location of Section 21 of T20S-R34E 100' FNL, 330' FEL. The Well will have a targeted interval within the Bone Spring formation at a depth of approximately 10,200' TVD and will be drilled horizontally to a Measured Depth of approximately 18,473'.

Avant reserves the right to modify the locations and drilling plans described above to address topography, cultural or environmental concerns, among other reasons.



Avant is proposing to drill the proposed wells under the terms of the original Fasken Oil and Ranch, Ltd. Operating Agreement dated May 1, 2014 ("JOA") . A copy of the Amendment, Consent and Ratification of Operating Agreement has been attached.

- Contract Area of All of Section 21 and the N2 of Section 28, Township 20 South, Range 34 East
- Avant Operating II, LLC named as Operator

If your election is to participate in the drilling and completion of the wells, please sign and return a copy of the enclosed AFEs within thirty (30) days of receipt of this notice. Please be aware that the enclosed AFEs are only an estimate of costs to be incurred and by electing to participate in the wells, each working interest owner shall be responsible for its proportionate share of all costs incurred.

If you would like to discuss a farmout, an assignment of interest, an acreage trade or other form of agreement for your interests in the Subject Lands, please contact the undersigned. If we do not reach an agreement within thirty (30) days of receipt of these well proposals, Avant will file an application(s) with the New Mexico Oil Conservation Division to compulsory pool your interest into a spacing unit(s) for the proposed wells to promote the development of these lands.

Should you have any questions, please feel free to contact me at [tiffany@avantnr.com](mailto:tiffany@avantnr.com) or 720-746-5048.

Sincerely,

A handwritten signature in blue ink that reads "Tiffany Sarantinos". The signature is written in a cursive, flowing style.

Tiffany Sarantinos  
Senior Landman  
Enclosures



**Marathon Oil Permian, LLC c/o ConocoPhillips, hereby elects to:**

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #201H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #201H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #202H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #202H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #203H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #203H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #204H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #204H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #205H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #205H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #206H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #206H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #301H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #301H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #302H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #302H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #303H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #303H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #304H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #304H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #305H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #305H** well.

Avant Operating II, LLC | 1515 Wynkoop Street, Suite #700 | Land Department | Denver, CO 80202



\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #501H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #501H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #502H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #502H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #503H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #503H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #504H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #504H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #505H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #505H** well.

\_\_\_\_\_ Participate for its proportionate share of the costs detailed in the enclosed AFE associated with Avant Operating II, LLC's **Paloma 28 21 Fed Com #506H** well.

\_\_\_\_\_ Not to participate in **Paloma 28 21 Fed Com #506H** well.

**Marathon Oil Permian, LLC c/o ConocoPhillips**

By: \_\_\_\_\_

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

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Summary of Contacts  
Paloma 28 21 Fed Com #201H – 206H  
#301H – 305H, #501H – 506H

AO II  
Case No. 26144  
Exhibit C-4



**Summary of Contacts**

Owner Name	Follow-up / Comments
Roy G. Barton	Well proposal package received 2/2026 - Trustee reached out to AOII said they would update us with estate information 5/4 Rec'd updated docs for Estate
Caprock Minerals, LLC	Well proposal package received
Wells Fargo Bank, N.A., Trustee of the Adriana Isabell Elkan Trust created by the Elkan Trust Agreement	Well proposal package received
Mary Ann Rosenberg Weems	Well proposal package received
Norma J. Chanley, also known Norma J. Barton, as her sole and separate property	Well proposal package received



## Summary of Contacts

Paloma 28 21 Fed Com #201H – 206H  
#301H – 305H, #501H – 506H

AO II  
Case No. 26144  
Exhibit C-4



### Summary of Contacts

- AO II retained a broker who conducted extensive title work to determine the working interest owners and other interest owners.
- AO II searched public records, phone directory, LexisNexis subscription and conducted various internet searches.
- AOII sent well proposals on or around March 26, 2026.
- AO II proposed general terms of a Joint Operating Agreement (JOA) within the well proposal letters sent to all working interest owners.
- AO II sent working interest owners a JOA upon request.
- AOII had multiple communications with uncommitted working interest owners, outlined in the following slides.
- AO II counsel sent notices of force pooling applications to the address of record for uncommitted interest owners and overriding royalty owners.
- AO II counsel published notice in a newspaper of general circulation in the County where the wells will be located.



Standard Units vs. Non-Standard Unit  
Paloma 28 21 Fed Com #201H – 206H  
#301H – 305H, #501H – 506H

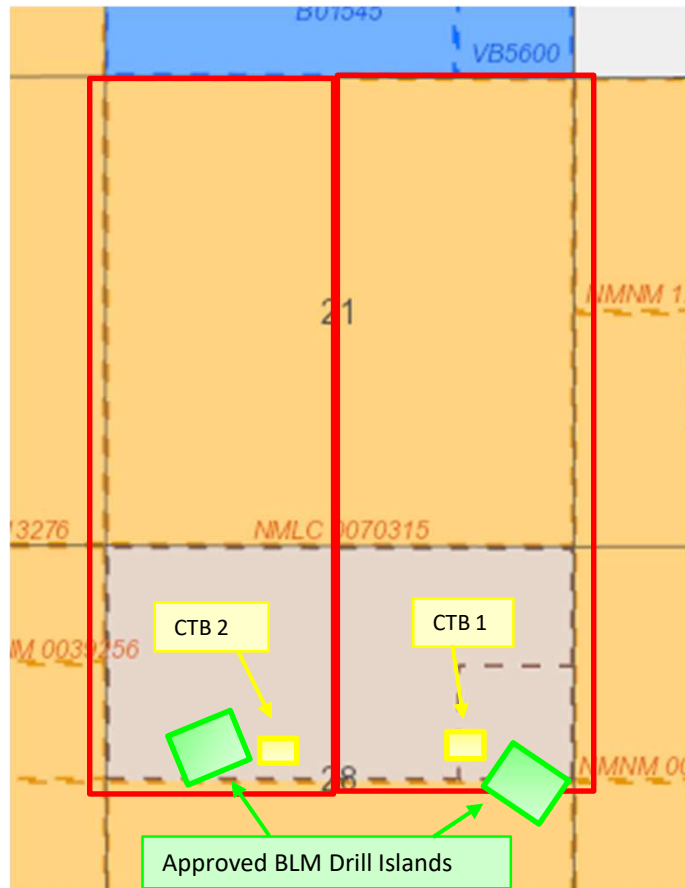
AO II  
Case No. 26144  
Exhibit C-5



*NSU reduces surface facilities and surface impacts*

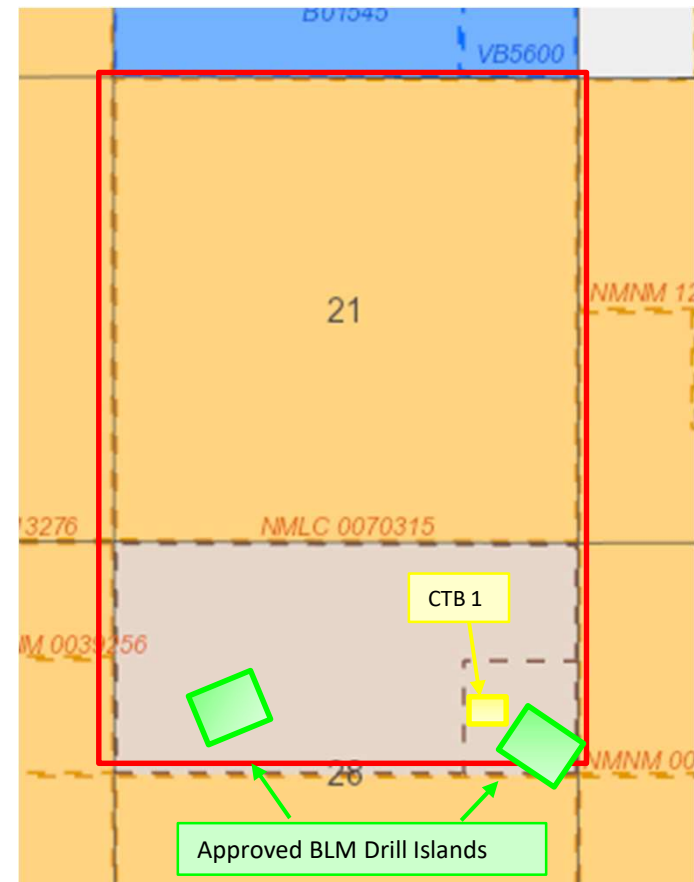
**STANDARD UNIT DEVELOPMENT**

2 CTBs



**NON-STANDARD UNIT DEVELOPMENT**

2 CTBs



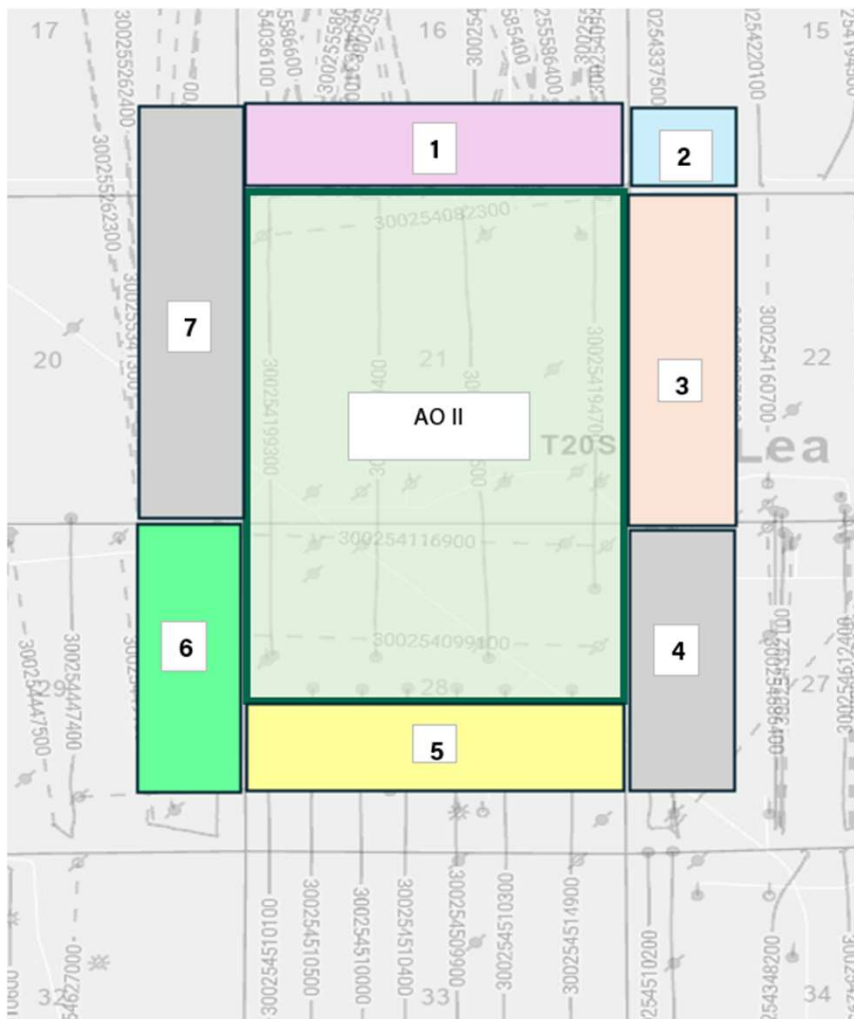
### Non-Standard Unit

Paloma 28 21 Fed Com #201H – 206H  
 #301H – 305H, #501H – 506H

AO II  
 Case No. 26144  
 Exhibit C-5



## NSSU reduces surface facilities and surface impacts



Tract	Location	Name	Type
1	16-20S-34E S2S2	AOII	OPERATOR
1	16-20S-34E	Read & Stevens c/O Permian Resources 300 N. Marienfield Street, #1000 Midland, TX 79701	WI
1	16-20S-34E	CLM Production Company PO Box 881 Roswell, NM 88201-0881	WI
1	16-20S-34E	Richardson Oil Company 3108 State Street, Apt B Dallas, TX 75201-1017	WI
1	16-20S-34E	MRC Permian Company 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240-1017	WI
1	16-20S-34E	Highland (Texas) Energy Company 11886 Greenville Ave. Dallas, TX 75243-3569	WI
1	16-20S-34E	Carolyn Beall P.O. Box 3098 Midland, TX 79702-3098	WI
1	16-20S-34E	Tierra Encantada P.O. Box 811 Roswell, NM 88202-0811	WI
1	16-20S-34E	J. Cleo Thompson & James Cleo Thompson Jr., LP	WI
1	16-20S-34E	Marshall & Winston, Inc P.O. Box 50880 Midland, TX 79710-0880	WI



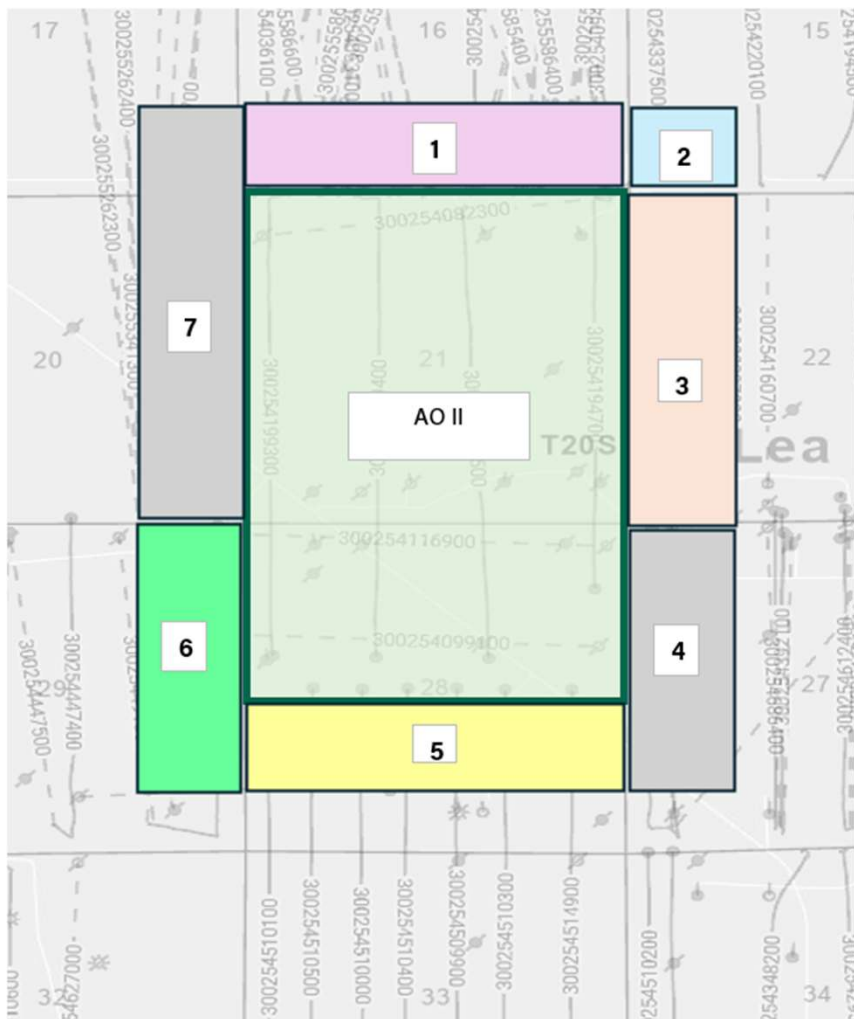
### Non-Standard Unit

Paloma 28 21 Fed Com #201H – 206H  
 #301H – 305H, #501H – 506H

AO II  
 Case No. 26144  
 Exhibit C-5



## NSSU reduces surface facilities and surface impacts



Tract	Location	Name	Type
2	15-20S-34E SWSW	Mewbourne Oil Company 414 West Texas Ave Midland, TX 79701	Operator
3	22-20S-34E W2W2	Coterra Energy 6001 Deauville Blvd. Suite 300N Midland, TX 79706	Operator
4	27-20S-34E W2NW	Permian Resources 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701	Operator
5	28-20S-34E N2S2	ConocoPhillips 925 N. Eldridge Parkway Houston, TX 77252-2197	Operator
6	29-20S-34E E2NE	EOG Resources 1111 Bagby Street Sky Lobby 2 Houston, TX 77002	Operator
7	20-20S-34E E2E2	Permian Resources 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701	Operator
7	17-20S-34E E2E2	Permian Resources 300 N. Marienfeld St., Ste. 1000 Midland, TX 79701	Operator



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

APPLICATION OF AVANT OPERATING II, LLC  
FOR APPROVAL OF A NON-STANDARD UNIT  
AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.

CASE NO. 26144

SELF-AFFIRMED STATEMENT OF JOSH PAYNE

Josh Payne hereby states and declares as follows:

1. I am over the age of 18, I am a geologist for Avant Operating II, LLC (“AO II”), and have personal knowledge of the matters stated herein. I have previously testified before the Oil Conservation Division (“Division”) and my credentials as an expert petroleum geologist were accepted by the Division as a matter of record.

2. My area of responsibility at AO II includes the area of Lea County in New Mexico.

3. I am familiar with the application filed by AO II in this case.

4. **Exhibit D-1** is a locator map showing the approximate location of the proposed unit in relation to the Capitan Reef.

5. **Exhibit D-2** is a wellbore schematic showing AO II’s development plan.

6. **Exhibit D-3** is a subsea structure map of the base of the Avalon / top of the First Bone Spring Formation. The proposed spacing unit is identified by a red box. The proposed Paloma 28 21 Fed Com Bone Spring wells are identified by the black-dashed lines. The contour interval used in this exhibit is 100 feet. This exhibit shows that the structure dips gently to the south. **Exhibit D-3** also includes a structure map of the top of the Second Bone Spring Sand. The proposed Paloma 28 21 Fed Com Bone Spring wells are identified by the black-dashed lines. The contour interval used in this exhibit is 100 feet. The exhibit shows that the structure dips gently to

OCD Case 26144  
June 30, 2026 Hearing  
Avant Operating II, LLC  
Exhibit D

the south. **Exhibit D-3** also includes a cross-section reference map that identifies four wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.

7. **Exhibit D-4** is a stratigraphic cross-section hung on the top of the First Bone Spring Sand formation, and the well logs shown on the cross-section give a representative sample of the Avalon formation in the area. The target zone for the Paloma 28 21 Fed Com '200' series wells is identified by a red-dashed line and a box identifying the wells. In my opinion, the Avalon formation is relatively consistent across the proposed spacing unit. **Exhibit D-4** also includes a stratigraphic cross-section hung on the top of the First Bone Spring Sand, and the well logs shown on the cross-section give a representative sample of the First Bone Spring formation in the area. The target zone for the Paloma 28 21 '300' series wells is identified by a red-dashed line and a box identifying the wells. In my opinion, the First Bone Spring Sand formation is relatively consistent across the proposed spacing unit. **Exhibit D-4** also includes a stratigraphic cross-section hung on the top of the Second Bone Spring Sand formation, and the well logs shown on the cross-section give a representative sample of the Second Bone Spring Sand formation in the area. The target zones for the Paloma 28 21 Fed Com '500' series wells are identified by red-dashed lines and a box identifying the wells. In my opinion, the Second Bone Spring sand formation is relatively consistent across the proposed spacing unit.

8. I conclude from the geology studies referenced above that:
- a. The horizontal spacing unit is justified from a geologic standpoint.
  - b. There are no structural impediments or faulting that will interfere with horizontal development.
  - c. Each quarter section in the proposed unit will contribute more or less equally to production.

9. The preferred well orientation in this area is south-north because the stress orientation in the area is approximately west-southwest to east-northeast.

10. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

11. The exhibits to my self-affirmed statement were prepared by me, or compiled from company business records, or were prepared at my direction or supervision.

12. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

*[Signature Page Follows]*

6/19/2026 \_\_\_\_\_

Date

 \_\_\_\_\_

Josh Payne

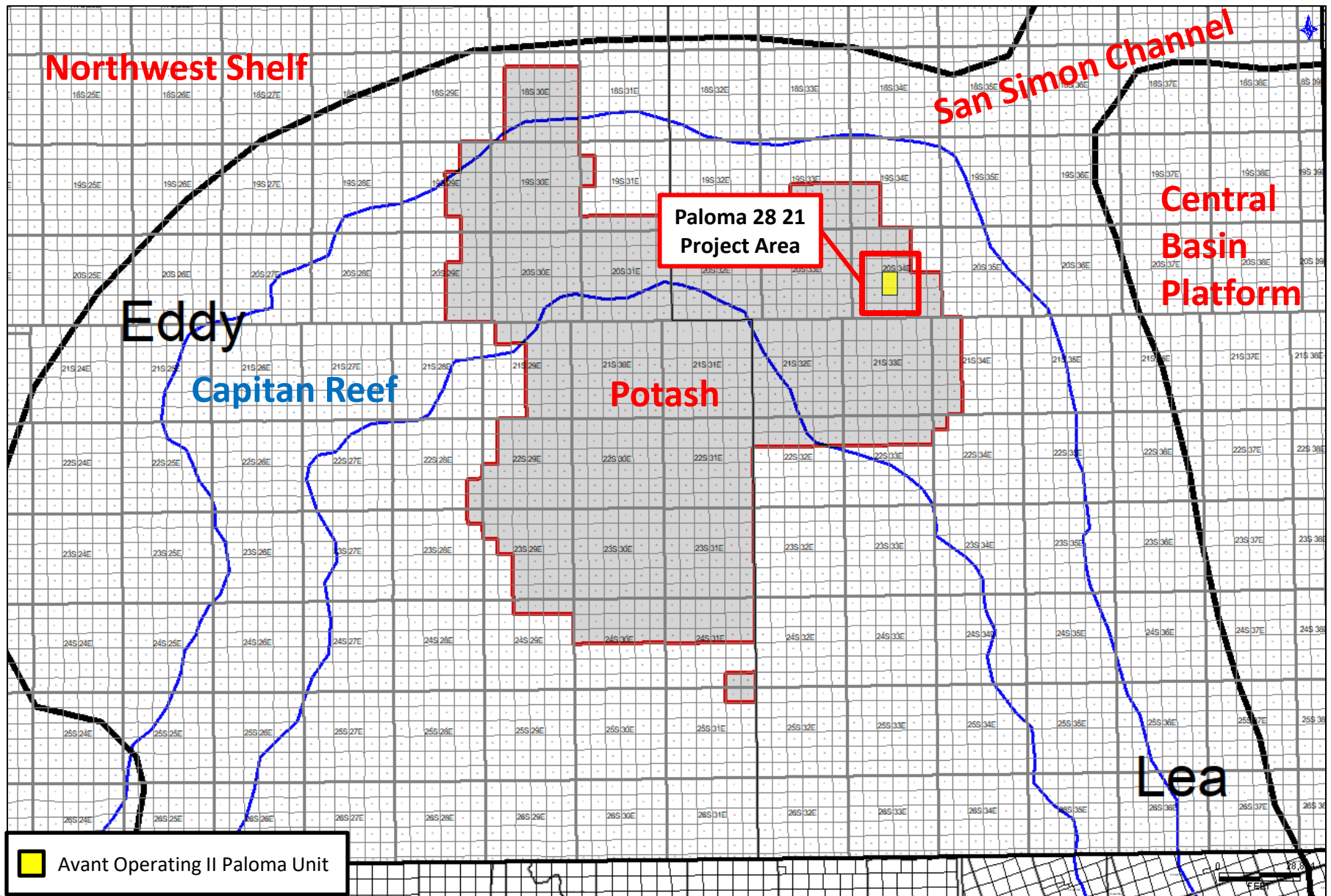
# Regional Locator Map

Paloma 28 21 Fed Com  
#201-206H, #301-305H, #501-506H

Avant Operating II, LLC

Case Nos. 26144

Exhibit D-1

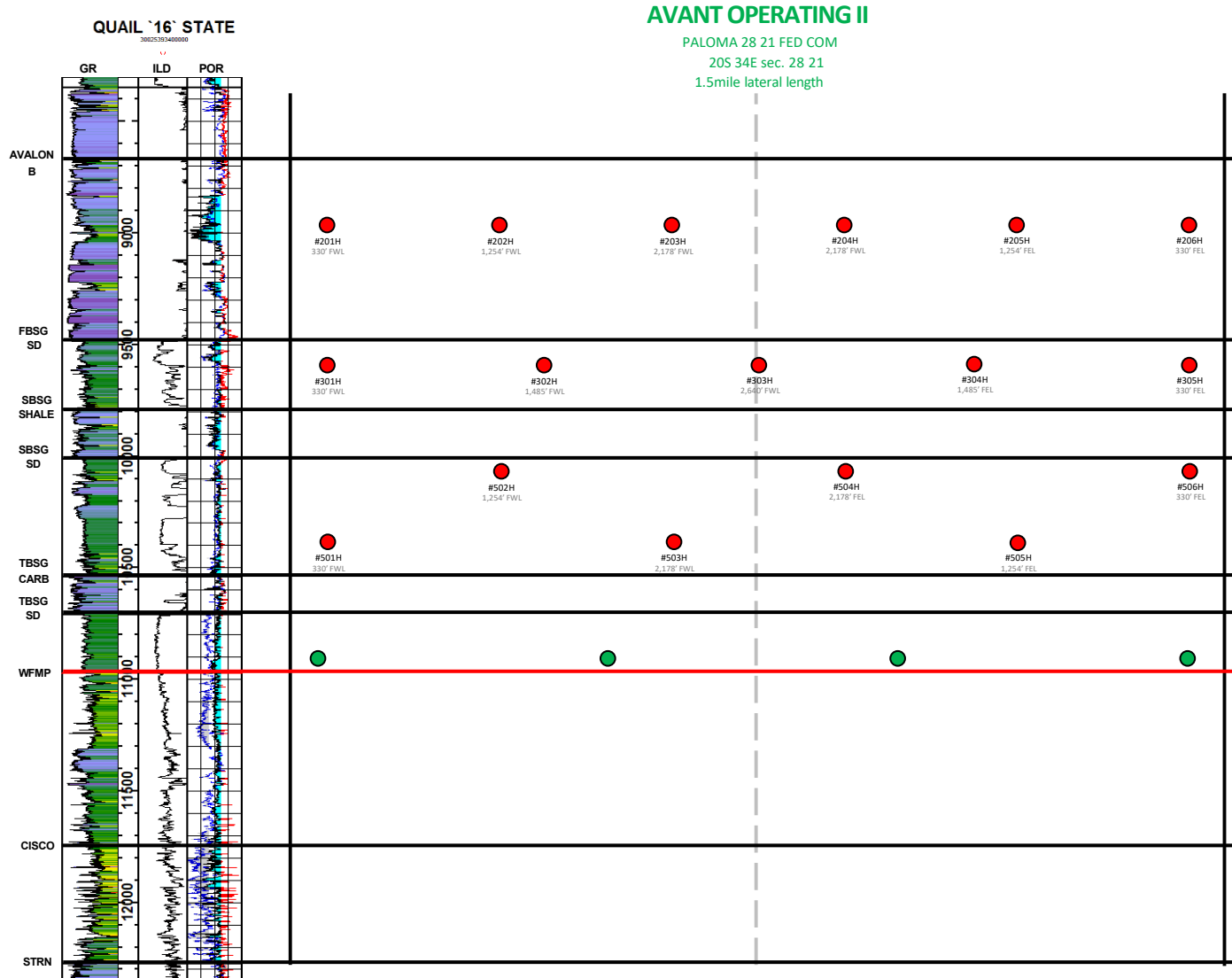


# Wellbore Schematic Bone Spring

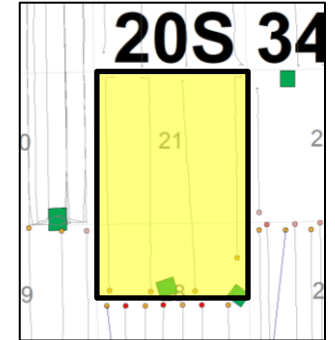
Paloma 28 21 Fed Com  
#201-206H, #301-305H, #501-506H

## Avant Operating II, LLC

Case Nos. 26144  
Exhibit D-2



- Proposed Hz Wells
- Producing Hz Wells



Proposed Paloma 28 21 Fed Com  
#201-206H, #301-305H, #501-506H

# Top First Bone Spring, Base Avalon

## Avant Operating II, LLC

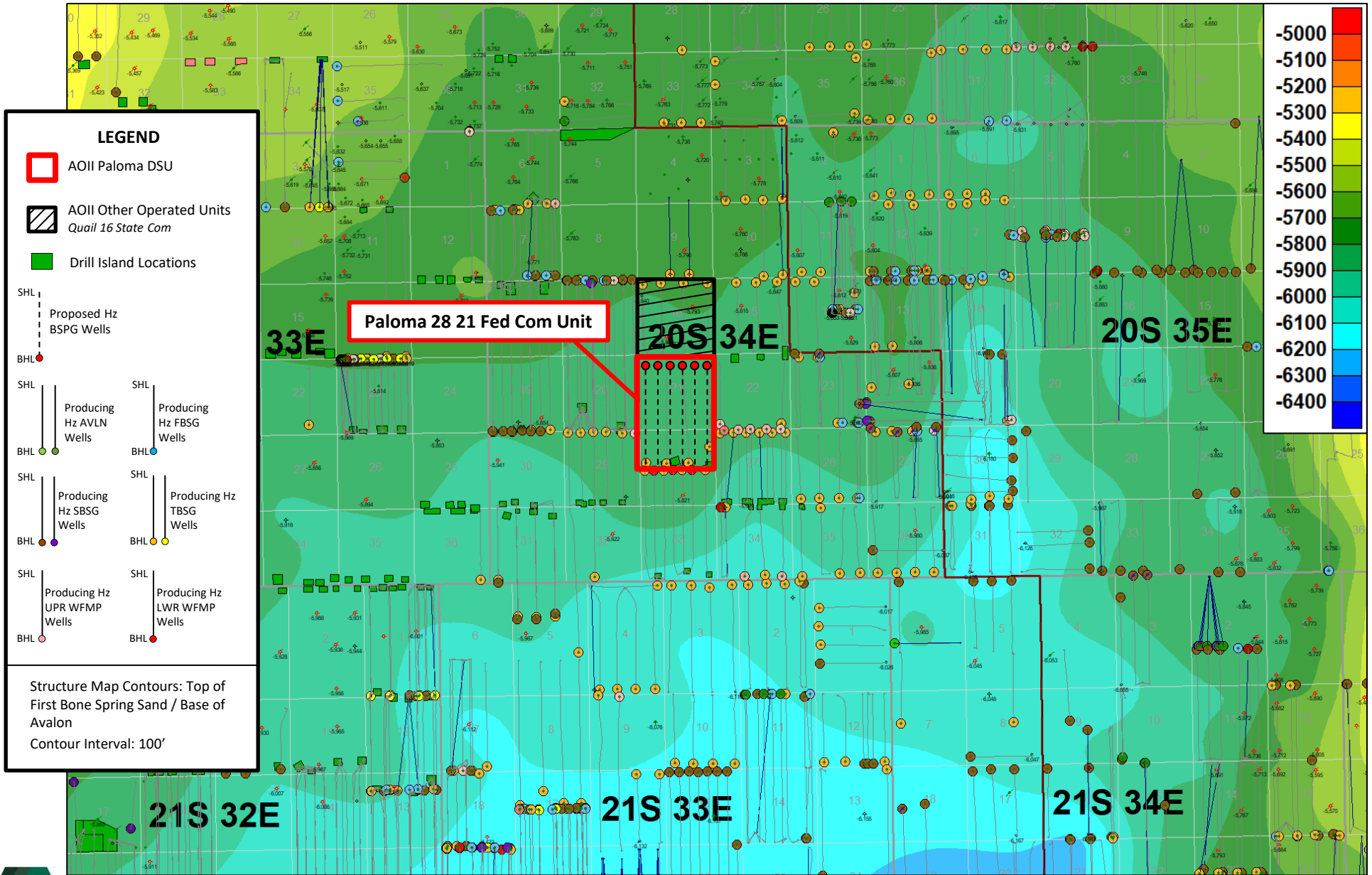
### Structure Map (TVDS)'

### Case Nos. 26144

### Paloma 28 21 Fed Com

### Exhibit D-3

#201-206H, #301-305H



# Top Second Bone Spring

## Structure Map (TVDS5')

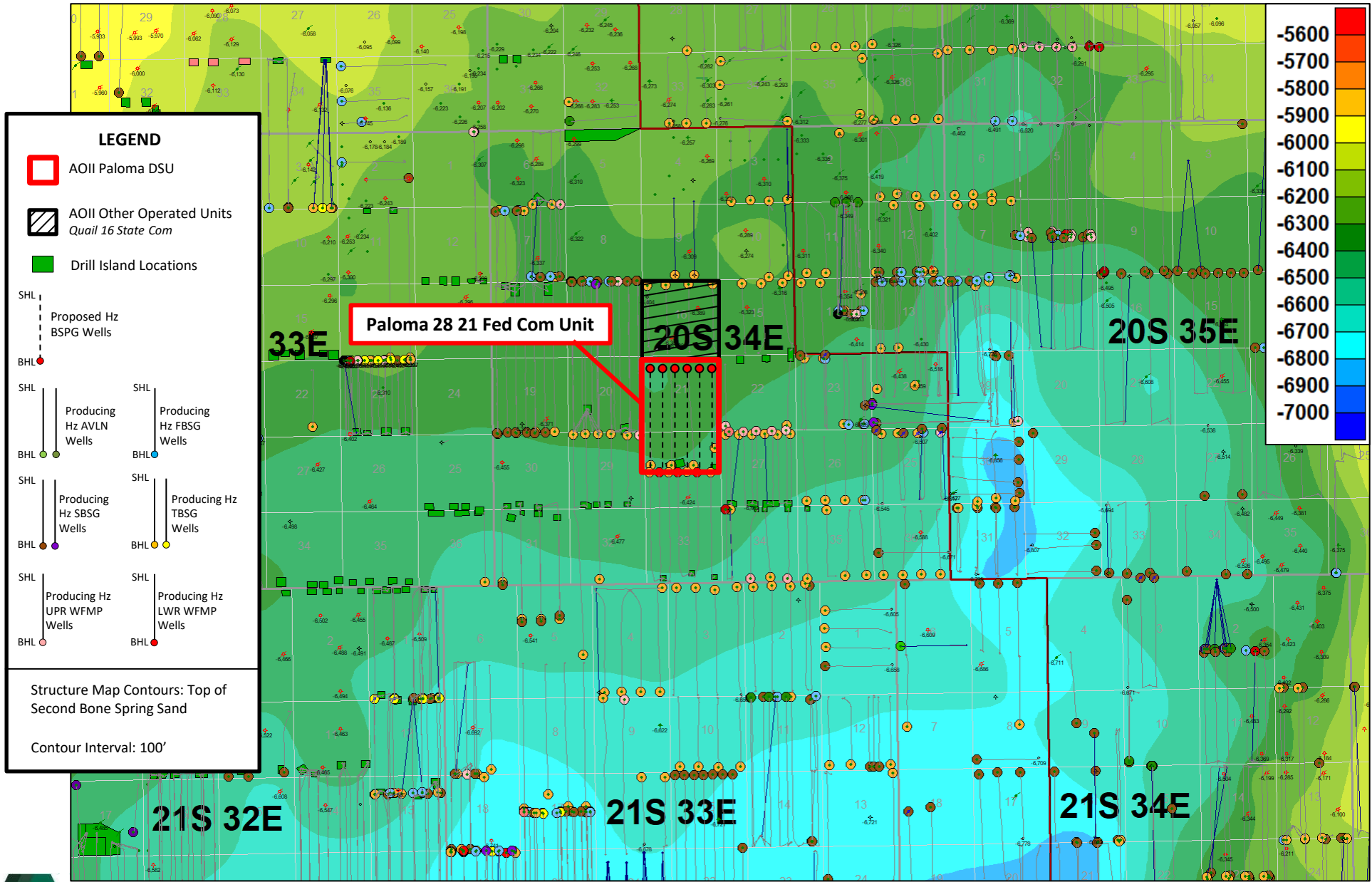
Paloma 28 21 Fed Com

#501-506H

Avant Operating II, LLC

Case Nos. 26144

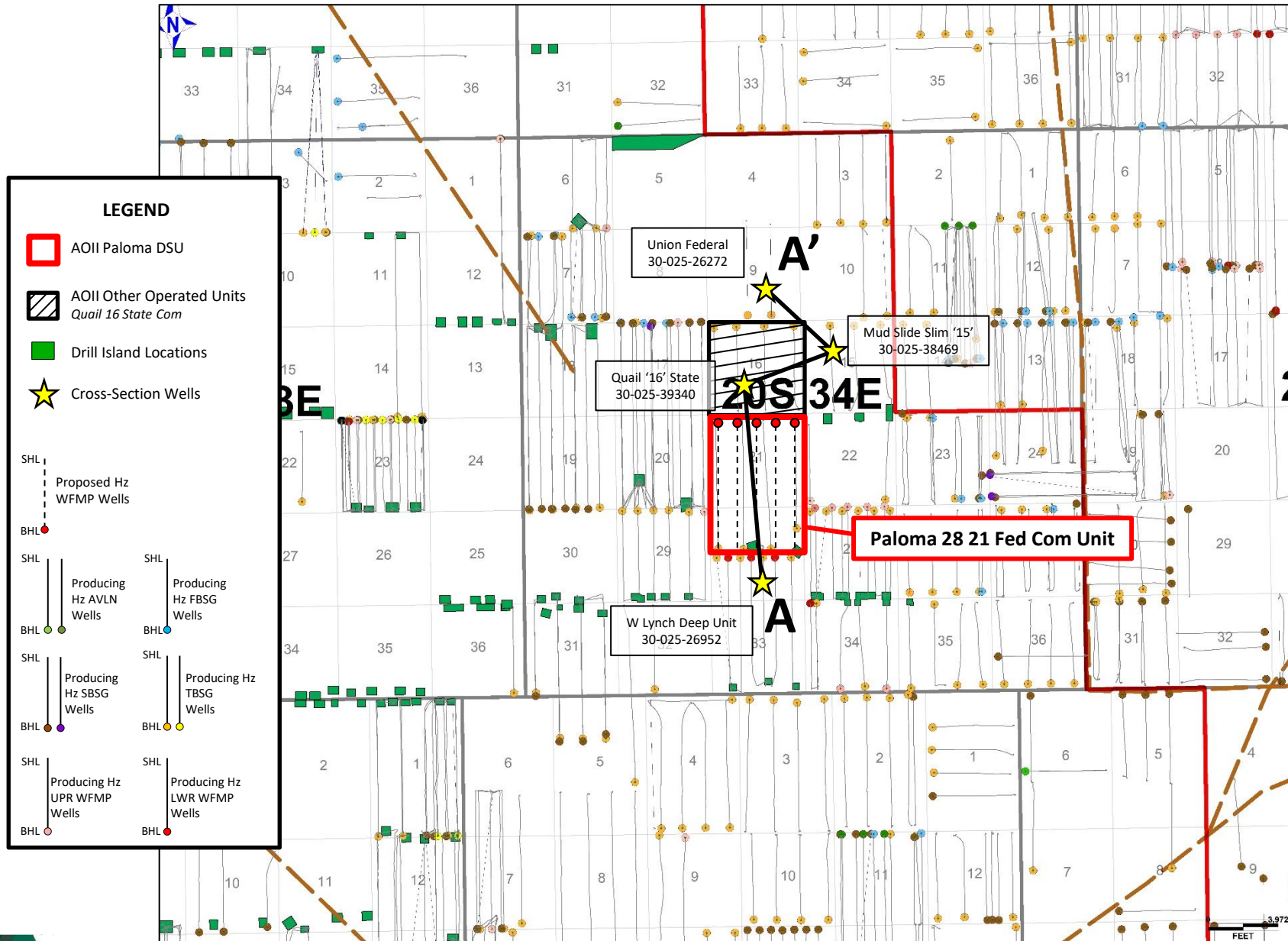
Exhibit D-3



# Cross-Section Locator Map (A-A')

Paloma 28 21 Fed Com  
#201-206H, #301-305H, #501-506H

Avant Operating II, LLC  
Case Nos. 26144  
Exhibit D-3



# Stratigraphic Cross-Section A-A'

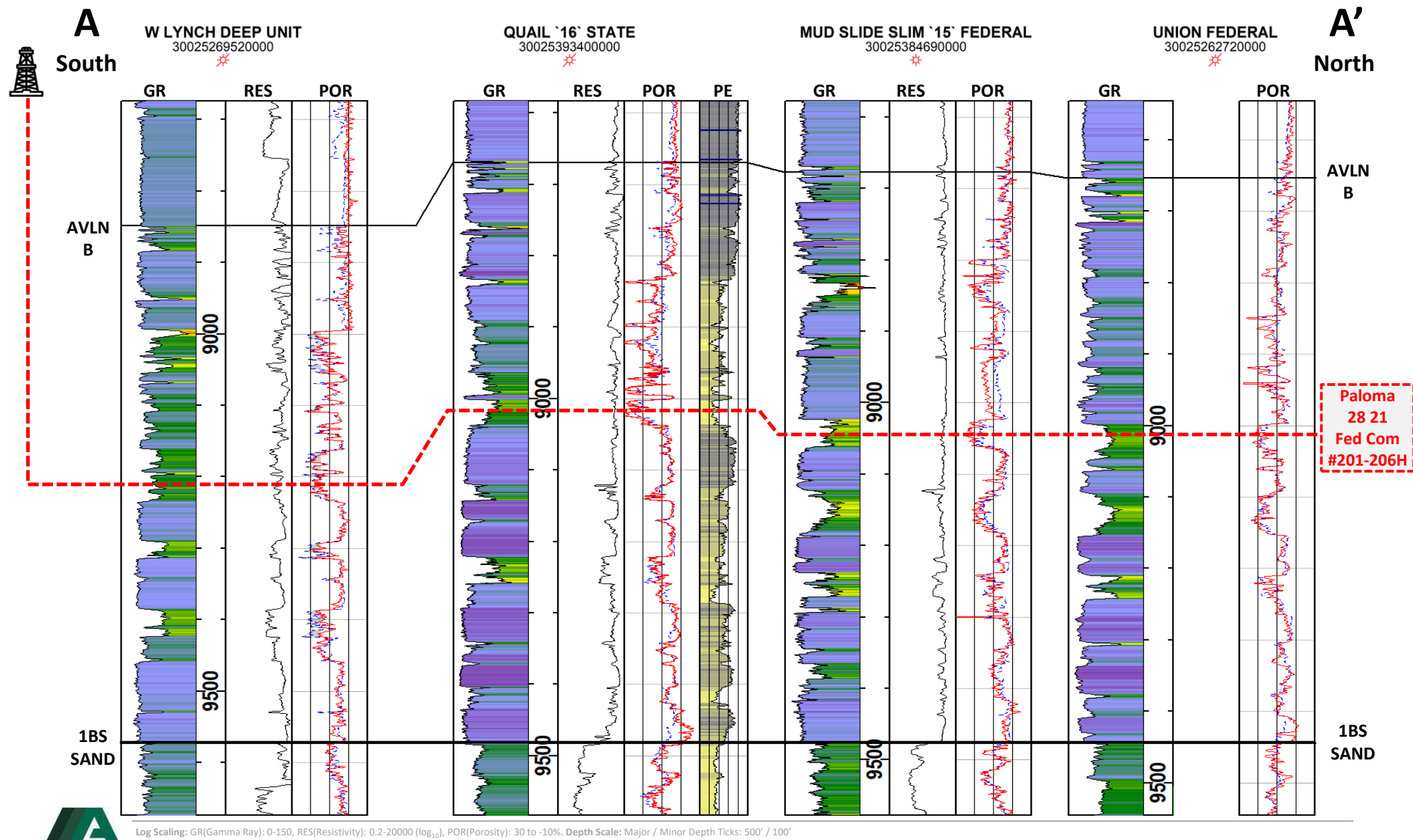
Paloma 28 21 Fed Com

#201-206H

## Avant Operating II, LLC

### Case Nos. 26144

### Exhibit D-4



Paloma  
28 21  
Fed Com  
#201-206H



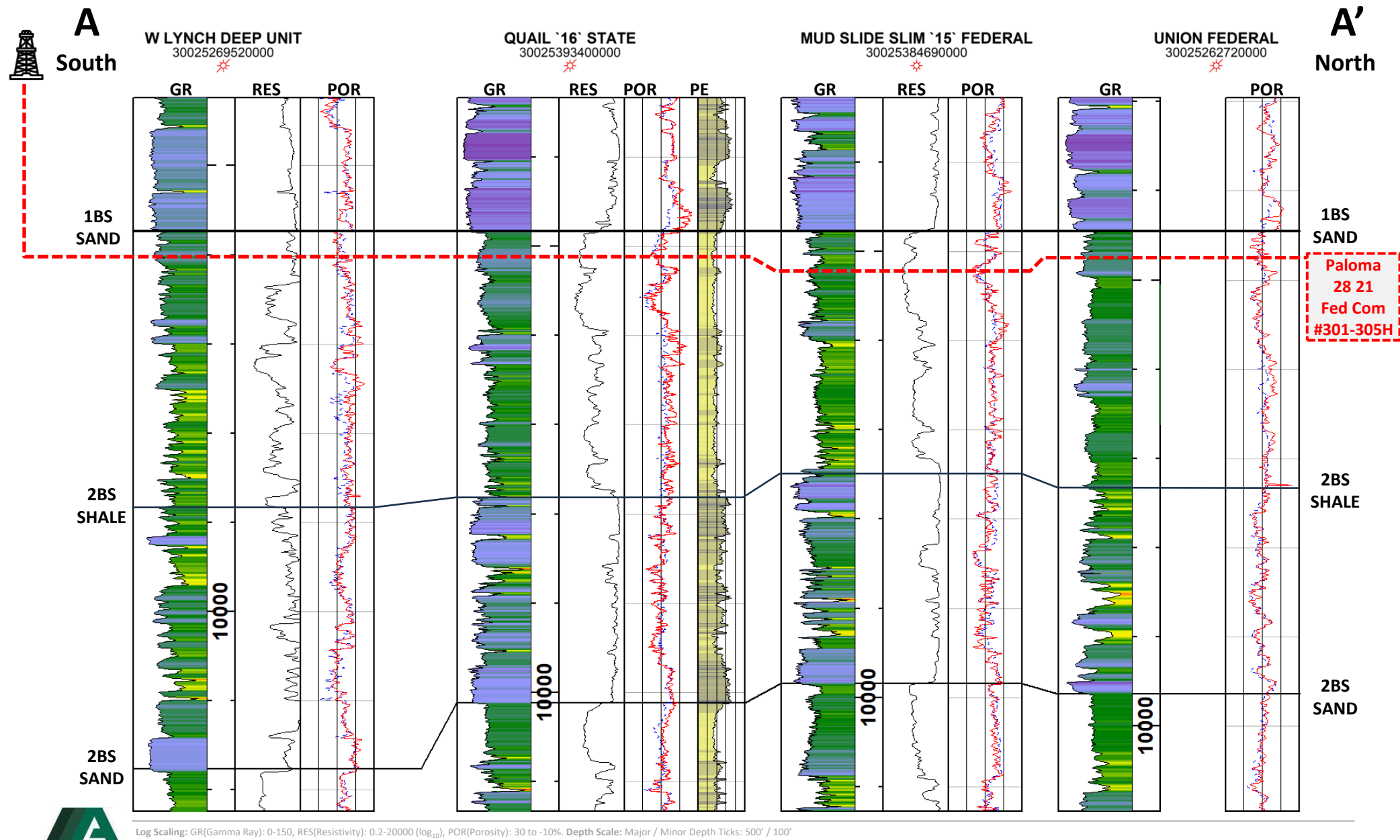
# Stratigraphic Cross-Section A-A'

Paloma 28 21 Fed Com  
#301-305H

## Avant Operating II, LLC

### Case Nos. 26144

### Exhibit D-4



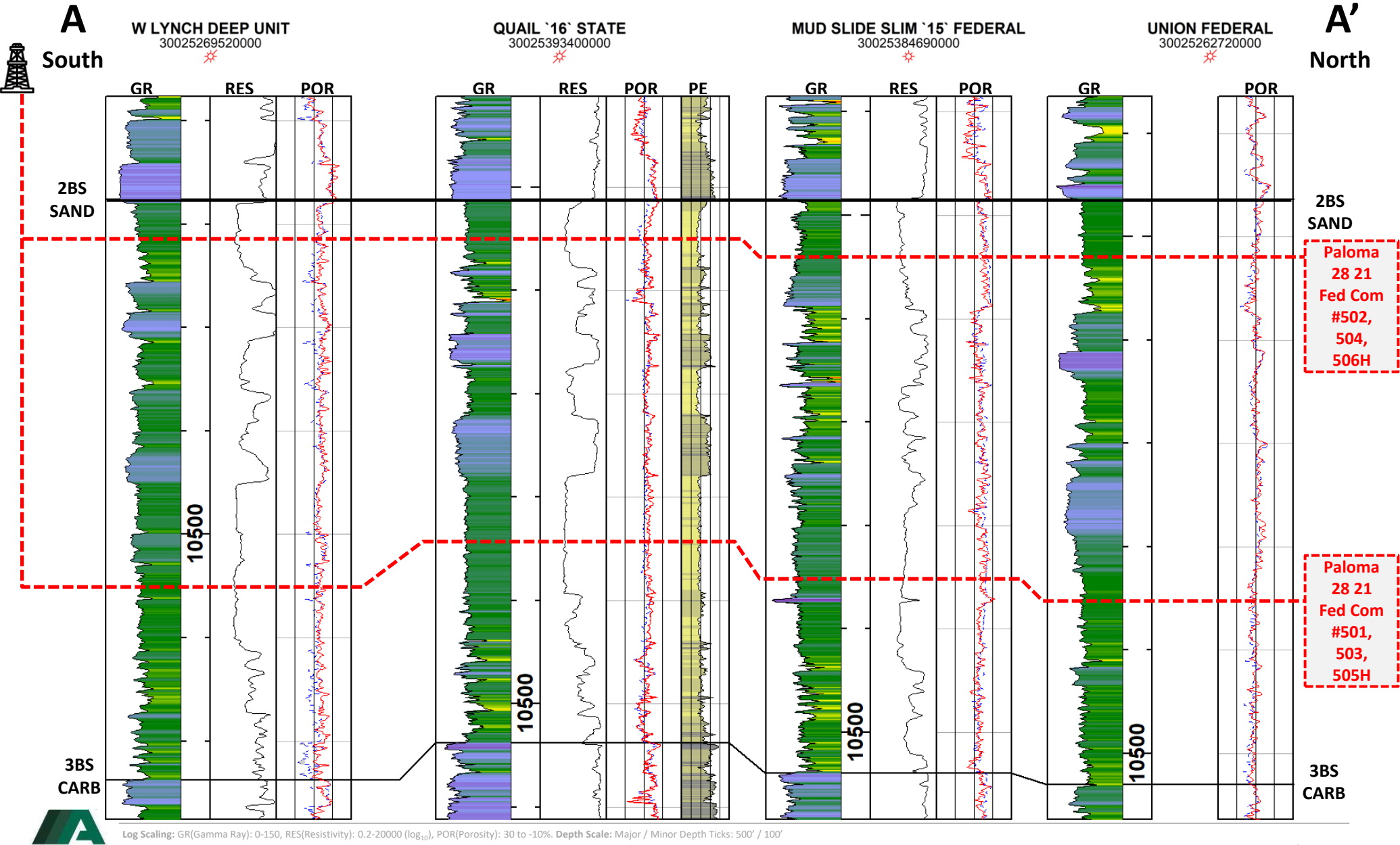
# Stratigraphic Cross-Section A-A'

Paloma 28 21 Fed Com  
#301-305H

## Avant Operating II, LLC

### Case Nos. 26144

### Exhibit D-4



OCD Case 26144  
June 30, 2026 Hearing  
Avant Operating II, LLC  
Exhibit E

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

**APPLICATION OF AVANT OPERATING II, LLC  
FOR APPROVAL OF A NON-STANDARD UNIT  
AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 26144**

**SELF AFFIRMED STATEMENT OF  
KAITLYN A. LUCK**

1. I am attorney in fact and authorized representative of Avant Operating II, LLC (“Avant”), the Applicant herein.

2. I have personal knowledge of the matter addressed herein and am competent to provide this self-affirmed statement.

3. The above-referenced application and notice of the hearing on this application was sent by certified mail to the locatable affected parties on the date set forth in the letter attached for Avant.

4. Notice was provided both for compulsory pooling and approval of a nonstandard well spacing unit.

5. The spreadsheet attached hereto contains the names of the parties to whom notice was provided in Case No. 26144 (“Case”) set for the June 30, 2026 of the New Mexico Oil Conservation Division.

6. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of May 28, 2026.

7. I also caused a notice to be published to all parties subject to this compulsory pooling proceeding, and for approval of the non-standard well spacing unit. An affidavit of

publication from the Lea County newspaper's publication legal clerk with a copy of the notice of publication is attached herein.

8. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct.

9. I understand that this self-affirmed statement will be used as written testimony in this case.

10. This statement is made on the date next to my signature below.

A handwritten signature in blue ink, appearing to read "Kaitlyn A. Luck", is written over a horizontal line.

Date: June 23, 2026.

Kaitlyn A. Luck

**LUCK LAW LLC**

KAITLYN A. LUCK  
ATTORNEY AT LAW

P. O. BOX 483  
903 KIT CARSON RD.  
TAOS, NEW MEXICO 87571  
PHONE (361) 648-1973  
OFFICE (505) 376-3092  
[Kaitlyn.Luck@outlook.com](mailto:Kaitlyn.Luck@outlook.com)

LICENSED IN  
NEW MEXICO  
OKLAHOMA  
TEXAS

May 15, 2026

**VIA CERTIFIED MAIL,**  
**RETURN RECEIPT REQUESTED**  
**TO: ALL AFFECTED PARTIES**

**Re: Case No. 26144-Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico: *Paloma 28 21 Fed Com wells.***

Greetings:

This letter is to advise you that Avant Operating II, LLC, has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on **June 4, 2026**, and the status of the hearing can be monitored through the Division's website at <https://www.emnrd.nm.gov/ocd/>. It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of OCD Rule 19.15.4.13.B NMAC.

If you have any questions about this matter, please contact Tiffany Sarantinos at [tiffany@avantnr.com](mailto:tiffany@avantnr.com), or 720-746-5048. Thank you for your consideration.

Sincerely,



Kaitlyn A. Luck

Enclosure

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

**APPLICATION OF AVANT OPERATING II, LLC  
FOR APPROVAL OF A NON-STANDARD HORIZONTAL  
SPACING UNIT, AND COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

CASE NO. 26144

**APPLICATION**

Avant Operating II, LLC (“AO II”), OGRID Number 332947, through its undersigned attorneys, hereby files this application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, § 70-2-17, for an order (1) approving a non-standard unit, and (2) pooling all uncommitted interests within a 960-acre, more or less, non-standard horizontal spacing unit in the Bone Spring formation, Pool: Lea; Bone Spring, South, Pool Code: 37580, and comprised of all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico. In support of this application, AO II states as follows:

1. AO II has an interest in the subject lands and has a right to drill and operate a well thereon.
2. AO II seeks to dedicate all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico to form a non-standard 960-acre, more or less, Bone Spring horizontal spacing unit (the “Unit”) in the Lea; Bone Spring, South, Pool Code: 37580 (the “Unit”)
3. AO II seeks approval of the 960-acre non-standard spacing unit because approval of this application will allow AO II to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
4. AO II seeks to dedicate the Unit to the following wells:

- **Paloma 28 21 Fed Com #201H well, Paloma 28 21 Fed Com #202H well, Paloma 28 21 Fed Com #301H well, Paloma 28 21 Fed Com #501H well, and Paloma 28 21 Fed Com #502H well**, with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NW/4 NW/4 (Unit D) of Section 21;

- **Paloma 28 21 Fed Com #203H well, Paloma 28 21 Fed Com #302H well, Paloma 28 21 Fed Com #303H well, and Paloma 28 21 Fed Com #503H well** with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NE/4 NW/4 (Unit C) of Section 21;

- **Paloma 28 21 Fed Com #204H well, and Paloma 28 21 Fed Com #504H well** with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take points in the NW/4 NE/4 (Unit B) of Section 21;

- **Paloma 28 21 Fed Com #304H well** with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NW/4 NE/4 (Unit B) of Section 21; and

- **Paloma 28 21 Fed Com #205H well, Paloma 28 21 Fed Com #206H well, Paloma 28 21 Fed Com #305H well, Paloma 28 21 Fed Com #505H well, and Paloma 28 21 Fed Com #506H well**, with proposed surface hole locations in the SE/4 NE/4 (Unit H) of Section 28, and proposed last take points in the NE/4 NE/4 (Unit A) of Section 21.

5. The wells will be horizontally drilled, and the producing areas for the wells are expected to be orthodox.

6. AO II sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

7. The pooling of all interests in the Bone Spring formation underlying the proposed unit and approving, to the extent necessary, the overlapping spacing unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

8. Approval of a non-standard spacing unit will allow AO II to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, AO II requests this application be set for hearing before an Examiner of the Oil Conservation Division on June 4, 2026, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Pooling all uncommitted interests in the Bone Spring formation, Pool: Lea; Bone Spring, South, Pool Code: 37580, in a non-standard horizontal spacing unit underlying all of Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico;
- C. Designating AO II as operator of this unit and the wells to be drilled thereon;
- D. Authorizing AO II to recover its costs of drilling, equipping and completing the wells;
- E. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- F. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully,

A handwritten signature in blue ink, appearing to read "Kaitlyn Luck", is written over a horizontal line.

Kaitlyn A. Luck

P.O. Box 483

Taos, New Mexico 87571

(361) 648-1973

kaitlyn.luck@outlook.com

*Attorney for Avant Operating II, LLC*

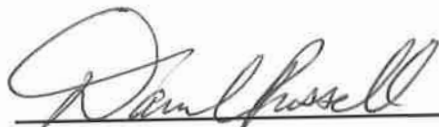
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# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

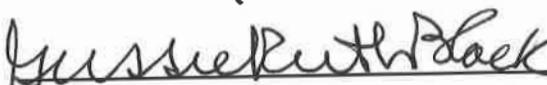
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated  
May 08, 2026  
and ending with the issue dated  
May 08, 2026.



Publisher

Sworn and subscribed to before me this  
8th day of May 2026.



Business Manager

My commission expires  
January 29, 2027

(Seal) STATE OF NEW MEXICO  
NOTARY PUBLIC  
GUSSIE RUTH BLACK  
COMMISSION # 1087526  
COMMISSION EXPIRES 01/29/2027

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

LEGAL	LEGAL	LEGAL	LEGAL
<b>LEGAL NOTICE</b> May 8, 2026			
<p><b>Case No. 26144:</b> Application of Avant Operating II, LLC for approval of a non-standard spacing unit and compulsory pooling, Lea County, New Mexico. Notice to all affected interest owners, including heirs, devisees, and successors of: BIGHREE ENERGY GROUP, L.L.C.; PROSPECTOR, LLC; ROSS DUNCAN PROPERTIES, LLC; FEATHERSTONE DEVELOPMENT CORPORATION; MARATHON OIL PERMIAN; ROY G. BARTON, JR., AS TRUSTEE OF ROY G. BARTON, SR., AND OPAL BARTON REVOCABLE TRUST UTA DATED JANUARY 28, 1982; ROY G. BARTON JR.; MRC PERMIAN COMPANY; CAPROCK MINERALS, LLC; WR NON-OP II LLC; PALOMA PERMIAN ASSET CO; HAROLD A. ELKAN AND NANCY HASTINGS ELKAN; WELLS FARGO BANK, AS TRUSTEE OF THE ADRIANA ISABEL ELKAN TRUST; PHILIP L. WHITE; GREGORY J. NIBERT AND CAROLYN S. NIBERT; CO-TRUSTEES OF THE DJS TRUST DATED SEPTEMBER 23, 2005; JASON ELKAN; EDWARD ARMSTRONG ELKAN III; OAK VALLEY MINERAL AND LAND, LP; READ &amp; STEVENS C/O PERMIAN RESOURCES; CLM PRODUCTION COMPANY; RICHARDSON OIL COMPANY; HIGHLAND (TEXAS) ENERGY COMPANY; CAROLYN BEALL; TIERRA ENCANTADA; J. CLEO THOMPSON &amp; JAMES CLEO THOMPSON JR., LP MARSHALL &amp; WINSTON, INC; MEWBOURNE OIL COMPANY; COTERRA ENERGY; PERMIAN RESOURCES; CONOCOPHILLIPS; EOG RESOURCES; BUREAU OF LAND MANAGEMENT; NEW MEXICO STATE LAND OFFICE - The State of New Mexico, Energy Minerals and Natural Resources Department, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 9:00 a.m. on June 4, 2026, to consider this application. The hearing will be conducted in a hybrid fashion, both in-person, at the Energy, Minerals and Natural Resources Department, Wendell Chino Building, Pecos Hall, at 1220 S. St. Francis, Santa Fe, New Mexico, 87505, and via the Teams virtual meeting platform. To participate in the hearings electronically, see instructions posted on the docket for the hearing date at: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>, or call (505) 476-3441. You can attend the hearing in person at Pecos Hall or you can attend virtually through remote online access. Applicant in the above-styled cause seeks an order from the Division approving a 960-acre, more or less, non-standard horizontal spacing unit in the Bone Spring formation, Pool: Lea; Bone Spring, South, Pool Code: 37580, and pooling all uncommitted interests in Section 21 and the N/2 of Section 28, Township 20 South, Range 34 East, N.M.P.M., Lea County, New Mexico. This spacing unit will be dedicated to the following wells: Paloma 28 21 Fed Com #201H well, Paloma 28 21 Fed Com #202H well, Paloma 28 21 Fed Com #301H well, Paloma 28 21 Fed Com #302H well, Paloma 28 21 Fed Com #501H well, and Paloma 28 21 Fed Com #502H well, with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NW/4 NW/4 (Unit D) of Section 21; Paloma 28 21 Fed Com #203H well, Paloma 28 21 Fed Com #302H well, Paloma 28 21 Fed Com #303H well, and Paloma 28 21 Fed Com #503H well with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and proposed last take points in the NE/4 NW/4 (Unit C) of Section 21; Paloma 28 21 Fed Com #204H well, and Paloma 28 21 Fed Com #504H well with proposed surface hole locations in the SE/4 NW/4 (Unit F) of Section 28, and a proposed last take points in the NW/4 NE/4 (Unit B) of Section 21; Paloma 28 21 Fed Com #304H well with a proposed surface hole location in the SE/4 NE/4 (Unit H) of Section 28, and a proposed last take point in the NW/4 NE/4 (Unit B) of Section 21; and Paloma 28 21 Fed Com #205H well, Paloma 28 21 Fed Com #206H well, Paloma 28 21 Fed Com #305H well, Paloma 28 21 Fed Com #505H well, and Paloma 28 21 Fed Com #506H well, with proposed surface hole locations in the SE/4 NE/4 (Unit H) of Section 28, and proposed last take points in the NE/4 NE/4 (Unit A) of Section 21. The wells will be drilled at orthodox locations. Also to be considered will be the cost of drilling and completing said wells, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Avant Operating II, LLC as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 24.3 miles southeast of Hobbs, New Mexico. #00310970</p>			

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