

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Erin Taylor
Acting Cabinet Secretary

Ben Shelton
Deputy Secretary

Albert C.S. Chang
Division Director
Oil Conservation Division



ADMINISTRATIVE NON-STANDARD SPACING UNIT

Deana M. Bennett
deana.bennett@modrall.com

Administrative Order NSP – 2384

Avant Operating II, LLC [OGRID 322947]
Quail 16 State Com Well No. (201H - 206H) (API No. 30-015-Variou)
Quail 16 State Com Well No. (301H - 305H) (API No. 30-015-Variou)
Quail 16 State Com Well No. (501H - 506H) (API No. 30-015-Variou)
HSU: Section 16, T20S R34E, Lea County

Reference is made to your application received on March 12th, 2026.

You have requested approval of a non-standard horizontal spacing unit to be included in your proposed horizontal spacing unit, as follows:

Proposed Horizontal Spacing Unit:

Description	Acres	Pool	Pool Code
Section 16	640	Lea; Bone Spring, South	37580

You have requested an exception pursuant to Rule 19.15.16.15(A)(3) NMAC, to approve a non-standard horizontal spacing unit consisting of the entire area described above as the horizontal spacing unit. The proposed horizontal spacing unit does not consist of a quarter - quarter section or equivalent in both sections, as required by Rule 19.15.16.15(B)(1) NMAC.

1220 South St. Francis Drive, 3rd Floor • Santa Fe, New Mexico 87505
Phone (505) 476-3441 • www.emnrd.state.nm.us/ocd

NSP - 2384
Avant Operating II, LLC
Page 2 of 2

We understand that you are seeking this exception for an allowance to create a non-standard horizontal spacing unit, comprised of the Proposed Horizontal Spacing Unit referenced above within Lea County, New Mexico.

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in Paragraph (8) Subsection A of 19.15.2.7 NMAC, in all adjoining units which are to be being included.

You have requested this non-standard horizontal spacing unit to reduce surface disturbance and to promote effective well spacing within the Wolfcamp formation underlying the entirety of Section 16 within the referenced Horizontal Spacing Unit. Therefore, protecting correlative rights within the pool/formation.

Pursuant to the authority conferred by Division Rule 19.15.16.15(B)(5) NMAC, the above-described **non-standard horizontal spacing unit is hereby approved**. Further, the Applicant may add additional wells to the non-standard spacing unit, the well(s) must be in the same horizontal spacing unit and pool/formation. The new well's APD shall reference this NSP order number on Form C-102 with an adjacent letter stating this request.

General Provisions

The above approvals are subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 19.15.5.9 NMAC.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.



Albert C.S. Chang
Division Director
AC/lrl

Date: 4/24/26

ID NO. 562602

NSP - 2384

Revised March 23, 2017

RECEIVED: 03/12/26	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Applicant: Avant Operating II, LLC **OGRID Number:** 332947
Well Name: Quail 16 State Com Wells **API:** Various
Pool: Lea; Bone Spring, South **Pool Code:** 37580

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location – Spacing Unit – Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
- [I] Commingling – Storage – Measurement
 DHC CTB PLC PC OLS OLM
- [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY
<input type="checkbox"/> Notice Complete
<input type="checkbox"/> Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Deana M. Bennett

Print or Type Name

Deana M. Bennett

Signature

March 12, 2026
Date

505-848-1834
Phone Number

deana.bennett@modrall.com
e-mail Address



MODRALL SPERLING

L A W Y E R S

VIA ELECTRONIC FILING

March 12, 2026

Deana M. Bennett
505.848.1834
Deana.bennett@modrall.com

Director Albert Chang
And
OCD Engineering Bureau
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Avant Operating II, LLC for administrative approval of a 640-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 16, Township 20 South, Range 34 East, Lea County, NM.

Dear Director Chang /OCD Engineering Bureau:

Avant Operating II, LLC (“Avant”), OGRID Number 332947, respectfully requests administrative approval of a 640-acre, more or less, non-standard (“NSU”) comprised of Section 16, Township 20 South, Range 34 East, Lea County, NM.

Avant requests that the following wells (the “Wells”) be dedicated to this NSU:

<u>Well Name</u>	<u>API Number</u>
Quail 16 State Com #201H	API #30-025-55840
Quail 16 State Com #202H	API #30-025-55841
Quail 16 State Com #203H	API #30-025-55842
Quail 16 State Com #204H	API #30-025-55848
Quail 16 State Com #205H	API #30-025-55849
Quail 16 State Com #206H	API #30-025-55850
Quail 16 State Com #301H	API #30-025-55843
Quail 16 State Com #302H	API #30-025-55844
Quail 16 State Com #303H	API #30-025-55851
Quail 16 State Com #304H	API #30-025-55852
Quail 16 State Com #305H	API #30-025-55853
Quail 16 State Com #501H	API #30-025-55845
Quail 16 State Com #502H	API #30-025-55846
Quail 16 State Com #503H	API #30-025-55847
Quail 16 State Com #504H	API #30-025-55854
Quail 16 State Com #505H	API #30-025-55855
Quail 16 State Com #506H	API #30-025-55856

Modrall Spierling
Roehl Harris & Sisk P.A.
500 Fourth Street NW
Suite 1000
Albuquerque,
New Mexico 87102

PO Box 2168
Albuquerque,
New Mexico 87103-2168

Tel: 505.848.1800
www.modrall.com

Page 2

C-102s for the Wells are attached hereto as **Exhibit A**. The Wells will be in the Lea; Bone Spring, South pool (pool code 37580). Each Well will comply with the statewide setback requirements.

Avant is requesting this NSU for several reasons. Avant has determined that a single 640-acre unit is preferable to two 320-acre units for the following reasons. Approval will allow Avant to reduce surface disturbance by consolidating roads, tank batteries, and pipelines. In addition, approval of Avant's application promotes effective and orderly well spacing. If the unit were divided into two 320-acre units, adjustments to well locations could result in overly tight spacing, creating potential development inefficiencies and operational conflicts. Approval will also allow Avant to commingle production. Further, Avant seeks the NSU to align with the corresponding SLO preliminarily approved Communitization Agreement and the current Operating Agreement.

Without the NSU approval, Avant would have two 320-acre units by virtue of proximity tract wells. For example, the Quail 16 State Com #202H well's completed interval is proposed to be 1210' from the west line, meaning it is closer than 330' to the quarter/quarter section line, which allows for a standard 320-acre W/2 unit and the Quail 16 State Com #205H well's completed interval is proposed to be 1210' from the east line, meaning it is closer than 330' to the quarter/quarter section line, which allows for a standard 320-acre E/2. Without the NSU approval, Avant would need a non-standard location approval for the Quail 16 State Com #303H well, because its completed lateral is proposed at 2640' FWL.

A tract map is attached hereto as **Exhibit B**, which identifies the approximate Well locations. Also included in Exhibit B is a list of the Wells to be initially dedicated to this NSU. Exhibit B includes attachments that compare and contrast the standard versus non-standard unit scenario.

Exhibit C is a letter from reservoir engineer explaining the need for a non-standard unit and the benefits associated with a non-standard, as opposed to a standard, unit.

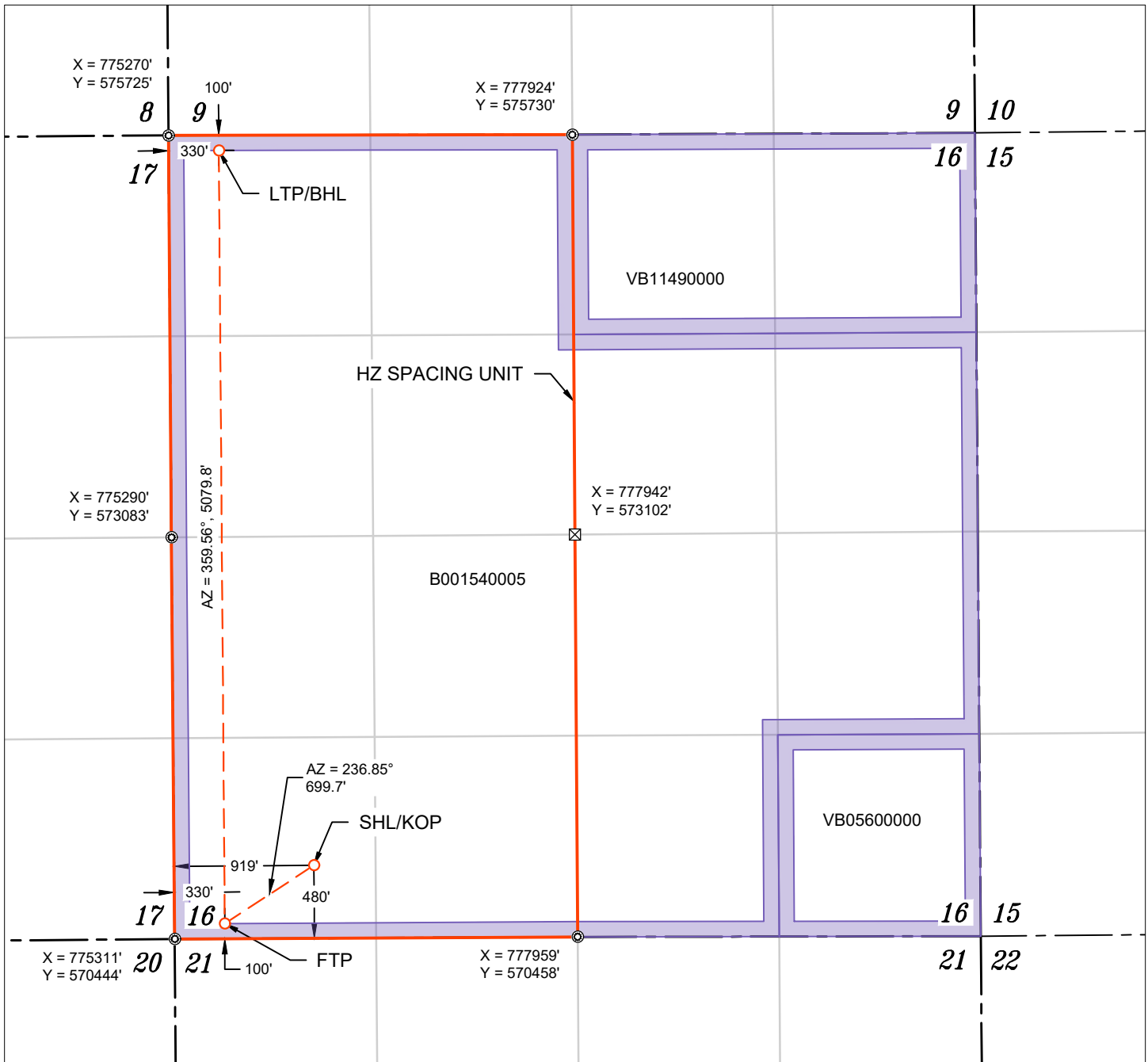
Proof of mailing notice of the application (including a copy of the application) to affected persons entitled to notice is attached hereto as **Exhibit D**. Also included in Exhibit D is a map identifying the affected tracts and ownership for notice purposes. As noted in the attached letter from AO II's landman, Avant is the operator and 100% working interest owner of the tract identified as tract 5 on the attached Exhibit D map.

Your attention to this matter is appreciated.

Sincerely,



Deana M. Bennett
*Attorney for Coterra Energy
Operating Co.*



WELL NAME: QUAIL 16 STATE COM #201H
 ELEVATION: 3637'

NAD 83 (SHL/KOP) 480' FSL & 919' FWL
LATITUDE = 32.567226°
LONGITUDE = -103.570877°
NAD 27 (SHL/KOP)
LATITUDE = 32.567106°
LONGITUDE = -103.570386°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.68' E: 776226.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.42' E: 735045.27'

NAD 83 (FTP) 100' FSL & 330' FWL
LATITUDE = 32.566185°
LONGITUDE = -103.572787°
NAD 27 (FTP)
LATITUDE = 32.566066°
LONGITUDE = -103.572296°
STATE PLANE NAD 83 (N.M. EAST)
N: 570546.03' E: 775640.36'
STATE PLANE NAD 27 (N.M. EAST)
N: 570484.77' E: 734459.46'

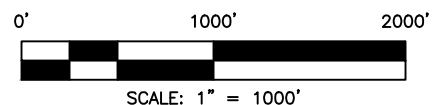
NAD 83 (LTP/BHL) 100' FNL & 330' FWL
LATITUDE = 32.580148°
LONGITUDE = -103.572797°
NAD 27 (LTP/BHL)
LATITUDE = 32.580028°
LONGITUDE = -103.572305°
STATE PLANE NAD 83 (N.M. EAST)
N: 575625.72' E: 775601.11'
STATE PLANE NAD 27 (N.M. EAST)
N: 575564.35' E: 734420.38'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5079.84'
TOTAL	5079.84'

NOTES

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

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 30-025-55841	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #202H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3637'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		479' FSL	979' FWL	32.567225°	-103.570682°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	1210' FWL	32.580135°	-103.569940°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers. Pending	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
M	16	20 S	34 E		479' FSL	979' FWL	32.567225°	-103.570682°	LEA




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		100' FSL	1210' FWL	32.566181°	-103.569931°	LEA

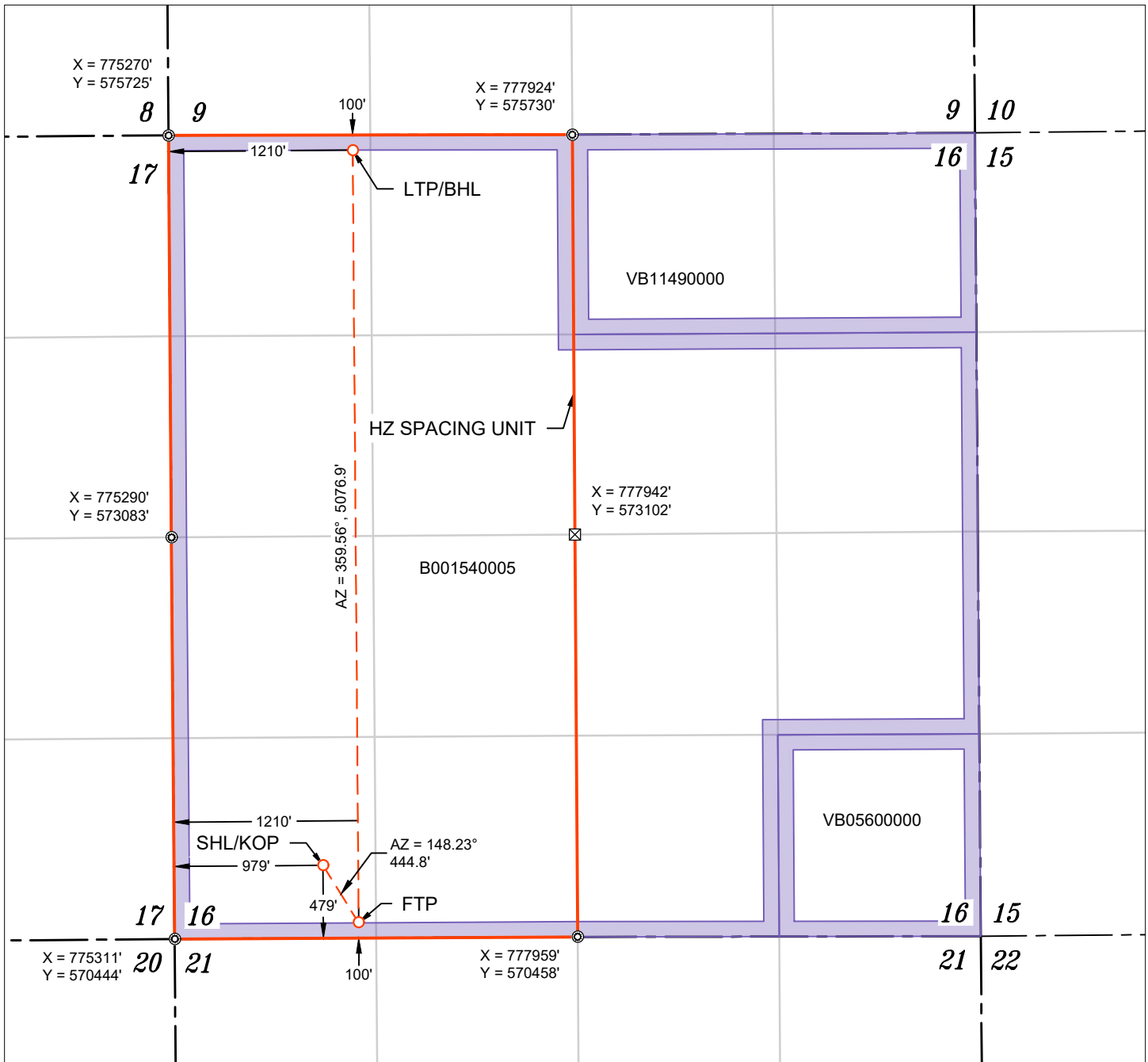
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	1210' FWL	32.580135°	-103.569940°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3637'
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<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;">  1/5/2025 </p>	<p>SURVEYOR CERTIFICATIONS</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: center;">   </div>
Signature Sarah Ferreyros	Signature and Seal of Professional Surveyor 23203 DECEMBER 18, 2025
Printed Name sarah@avantnr.com	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: QUAIL 16 STATE COM #202H
 ELEVATION: 3637'

NAD 83 (SHL/KOP) 479' FSL & 979' FWL
LATITUDE = 32.567225°
LONGITUDE = -103.570682°
NAD 27 (SHL/KOP)
LATITUDE = 32.567105°
LONGITUDE = -103.570191°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.79' E: 776286.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.53' E: 735105.27'

NAD 83 (FTP) 100' FSL & 1210' FWL
LATITUDE = 32.566181°
LONGITUDE = -103.569931°
NAD 27 (FTP)
LATITUDE = 32.566061°
LONGITUDE = -103.569440°
STATE PLANE NAD 83 (N.M. EAST)
N: 570550.65' E: 776520.38'
STATE PLANE NAD 27 (N.M. EAST)
N: 570489.40' E: 735339.46'

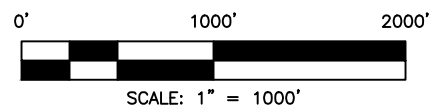
NAD 83 (LTP/BHL) 100' FNL & 1210' FWL
LATITUDE = 32.580135°
LONGITUDE = -103.569940°
NAD 27 (LTP/BHL)
LATITUDE = 32.580015°
LONGITUDE = -103.569449°
STATE PLANE NAD 83 (N.M. EAST)
N: 575627.35' E: 776481.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 575565.99' E: 735300.37'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5076.85'
TOTAL	5076.85'

NOTES

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

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 30-025-55842	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #203H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3639'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		479' FSL	1039' FWL	32.567224°	-103.570488°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	2090' FWL	32.580122°	-103.567083°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
Order Numbers. Pending			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
M	16	20 S	34 E		479' FSL	1039' FWL	32.567224°	-103.570488°	LEA




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	16	20 S	34 E		100' FSL	2090' FWL	32.566176°	-103.567075°	LEA

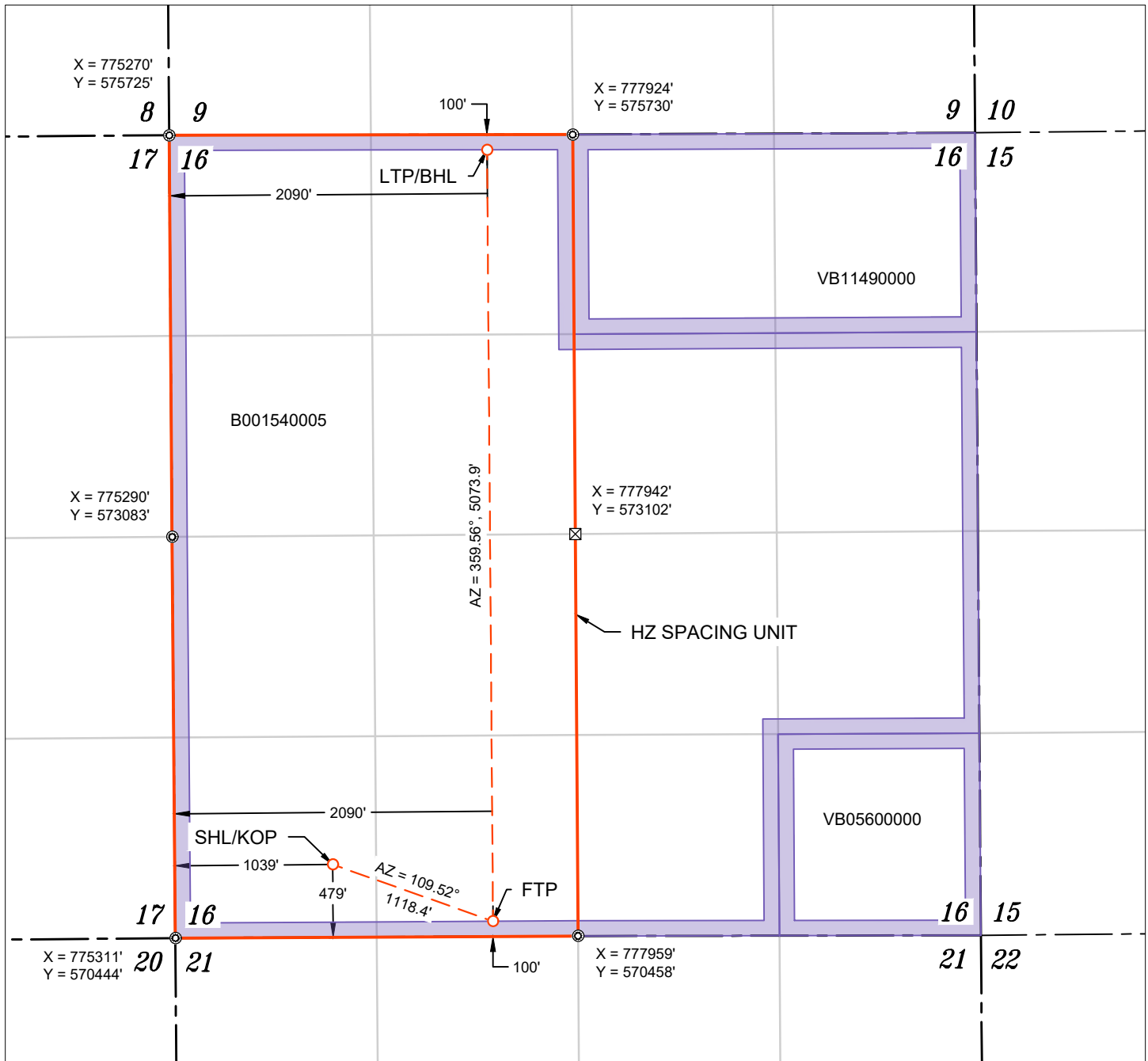
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	2090' FWL	32.580122°	-103.567083°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3639'
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<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;">  2/12/2026 </p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p style="text-align: right;">  11 February 2026 </p>
Signature Sarah Ferreyros	Signature and Seal of Professional Surveyor 
Printed Name sarah@avantnr.com	21209 FEBRUARY 11, 2026
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: QUAIL 16 STATE COM #203H
 ELEVATION: 3639'

NAD 83 (SHL/KOP) 479' FSL & 1039' FWL
LATITUDE = 32.567224°
LONGITUDE = -103.570488°
NAD 27 (SHL/KOP)
LATITUDE = 32.567104°
LONGITUDE = -103.569997°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.90' E: 776346.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.64' E: 735165.27'

NAD 83 (FTP) 100' FSL & 2090' FWL
LATITUDE = 32.566176°
LONGITUDE = -103.567075°
NAD 27 (FTP)
LATITUDE = 32.566056°
LONGITUDE = -103.566584°
STATE PLANE NAD 83 (N.M. EAST)
N: 570555.27' E: 777400.34'
STATE PLANE NAD 27 (N.M. EAST)
N: 570494.02' E: 736219.40'

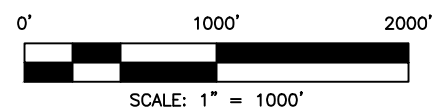
NAD 83 (LTP/BHL) 100' FNL & 2090' FWL
LATITUDE = 32.580122°
LONGITUDE = -103.567083°
NAD 27 (LTP/BHL)
LATITUDE = 32.580002°
LONGITUDE = -103.566592°
STATE PLANE NAD 83 (N.M. EAST)
N: 575628.98' E: 777361.13'
STATE PLANE NAD 27 (N.M. EAST)
N: 575567.63' E: 736180.37'

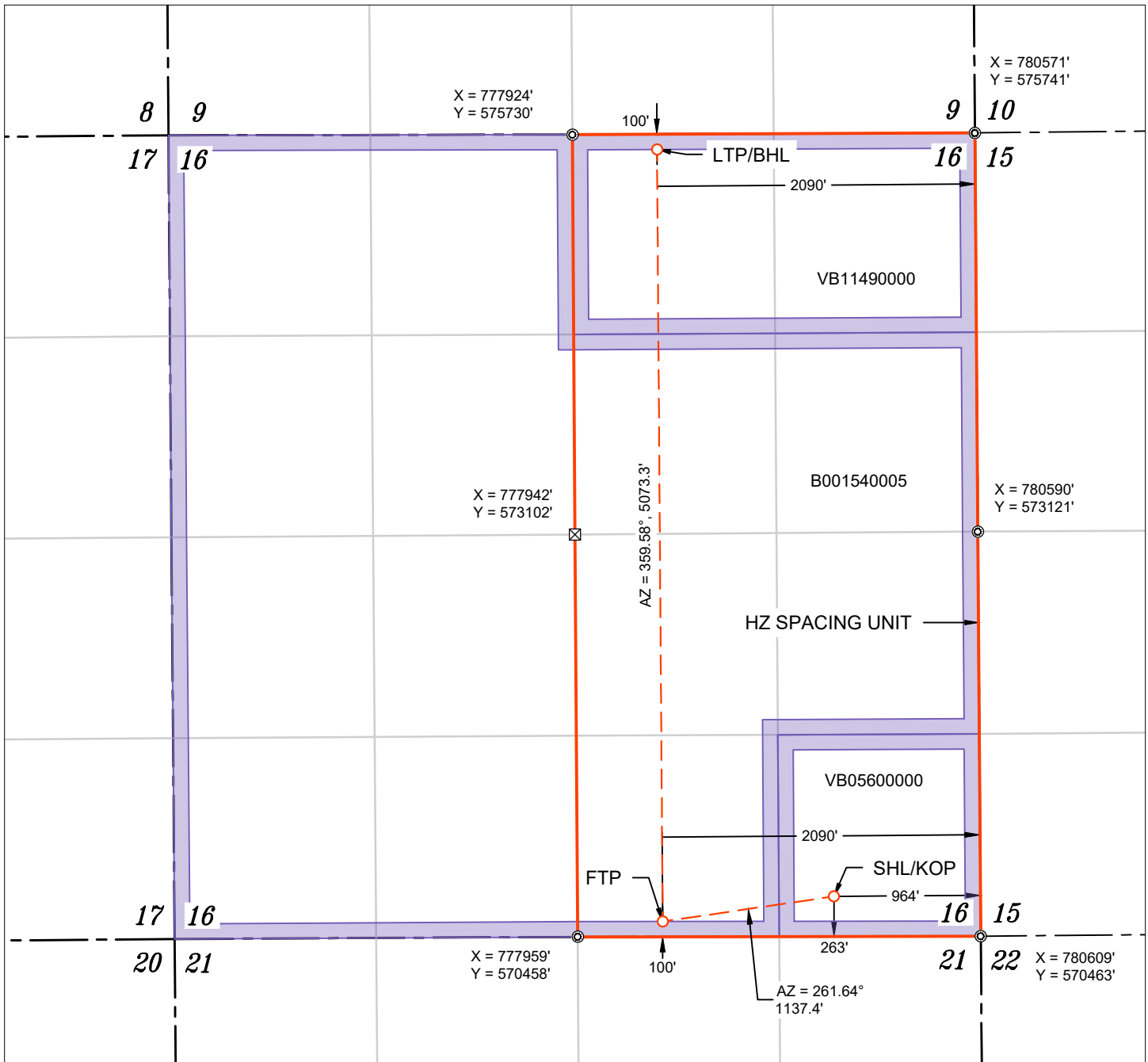
APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5073.86'
TOTAL	5073.86'

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





WELL NAME: QUAIL 16 STATE COM #204H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 263' FSL & 964' FEL
LATITUDE = 32.566596°
LONGITUDE = -103.559788°
NAD 27 (SHL/KOP)
LATITUDE = 32.566477°
LONGITUDE = -103.559298°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.41' E: 779643.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.18' E: 738463.00'

NAD 83 (FTP) 100' FSL & 2090' FEL
LATITUDE = 32.566165°
LONGITUDE = -103.563445°
NAD 27 (FTP)
LATITUDE = 32.566045°
LONGITUDE = -103.562954°
STATE PLANE NAD 83 (N.M. EAST)
N: 570559.12' E: 778518.67'
STATE PLANE NAD 27 (N.M. EAST)
N: 570497.89' E: 737337.71'

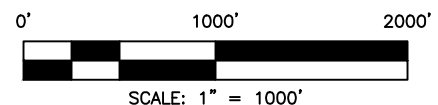
NAD 83 (LTP/BHL) 100' FNL & 2090' FEL
LATITUDE = 32.580109°
LONGITUDE = -103.563447°
NAD 27 (LTP/BHL)
LATITUDE = 32.579989°
LONGITUDE = -103.562956°
STATE PLANE NAD 83 (N.M. EAST)
N: 575632.33' E: 778481.25'
STATE PLANE NAD 27 (N.M. EAST)
N: 575570.99' E: 737300.47'

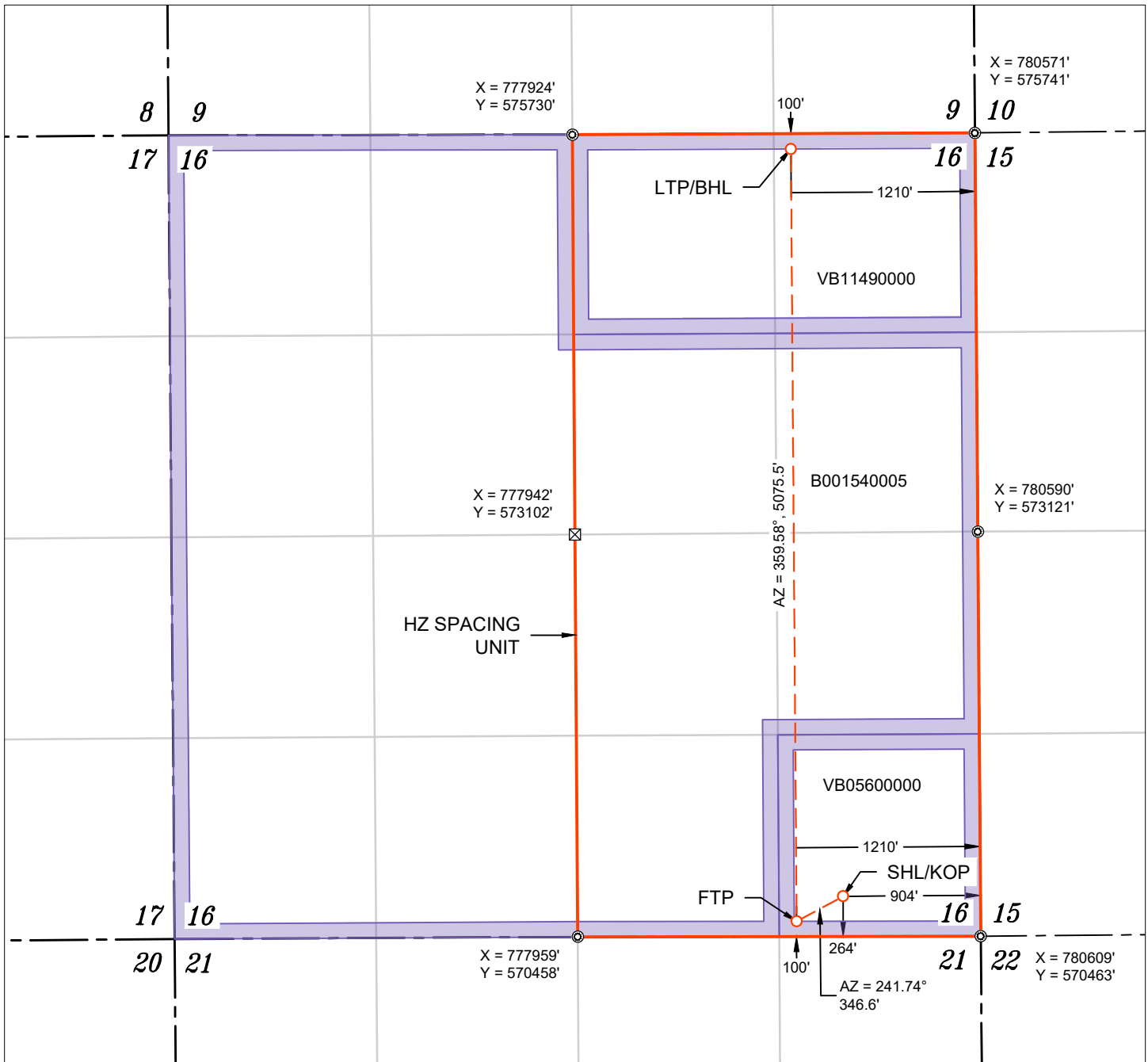
APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	3860.27'
VB11490000	1213.07'
TOTAL	5073.34'

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

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 DECEMBER, 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.





WELL NAME: QUAIL 16 STATE COM #205H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 264' FSL & 904' FEL
LATITUDE = 32.566596°
LONGITUDE = -103.559594°
NAD 27 (SHL/KOP)
LATITUDE = 32.566476°
LONGITUDE = -103.559103°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.66' E: 779703.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.42' E: 738523.00'

NAD 83 (FTP) 100' FSL & 1210' FEL
LATITUDE = 32.566151°
LONGITUDE = -103.560588°
NAD 27 (FTP)
LATITUDE = 32.566031°
LONGITUDE = -103.560098°
STATE PLANE NAD 83 (N.M. EAST)
N: 570560.56' E: 779398.68'
STATE PLANE NAD 27 (N.M. EAST)
N: 570499.33' E: 738217.70'

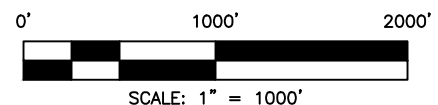
NAD 83 (LTP/BHL) 100' FSL & 1210' FEL
LATITUDE = 32.580102°
LONGITUDE = -103.560590°
NAD 27 (LTP/BHL)
LATITUDE = 32.579982°
LONGITUDE = -103.560099°
STATE PLANE NAD 83 (N.M. EAST)
N: 575635.97' E: 779361.25'
STATE PLANE NAD 27 (N.M. EAST)
N: 575574.64' E: 738180.45'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
VB05600000	1226.01'
B001540005	2637.77'
VB11490000	1211.77'
TOTAL	5075.55'

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

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.



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: <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 30-025-55850	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #206H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3639'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		264' FSL	844' FEL	32.566595°	-103.559399°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	16	20 S	34 E		100' FNL	330' FEL	32.580094°	-103.557734°	LEA

Dedicated Acres 640.00	Infill or Defining Well Infill	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers.	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
P	16	20 S	34 E		264' FSL	844' FEL	32.566595°	-103.559399°	LEA




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		100' FSL	330' FEL	32.566137°	-103.557732°	LEA

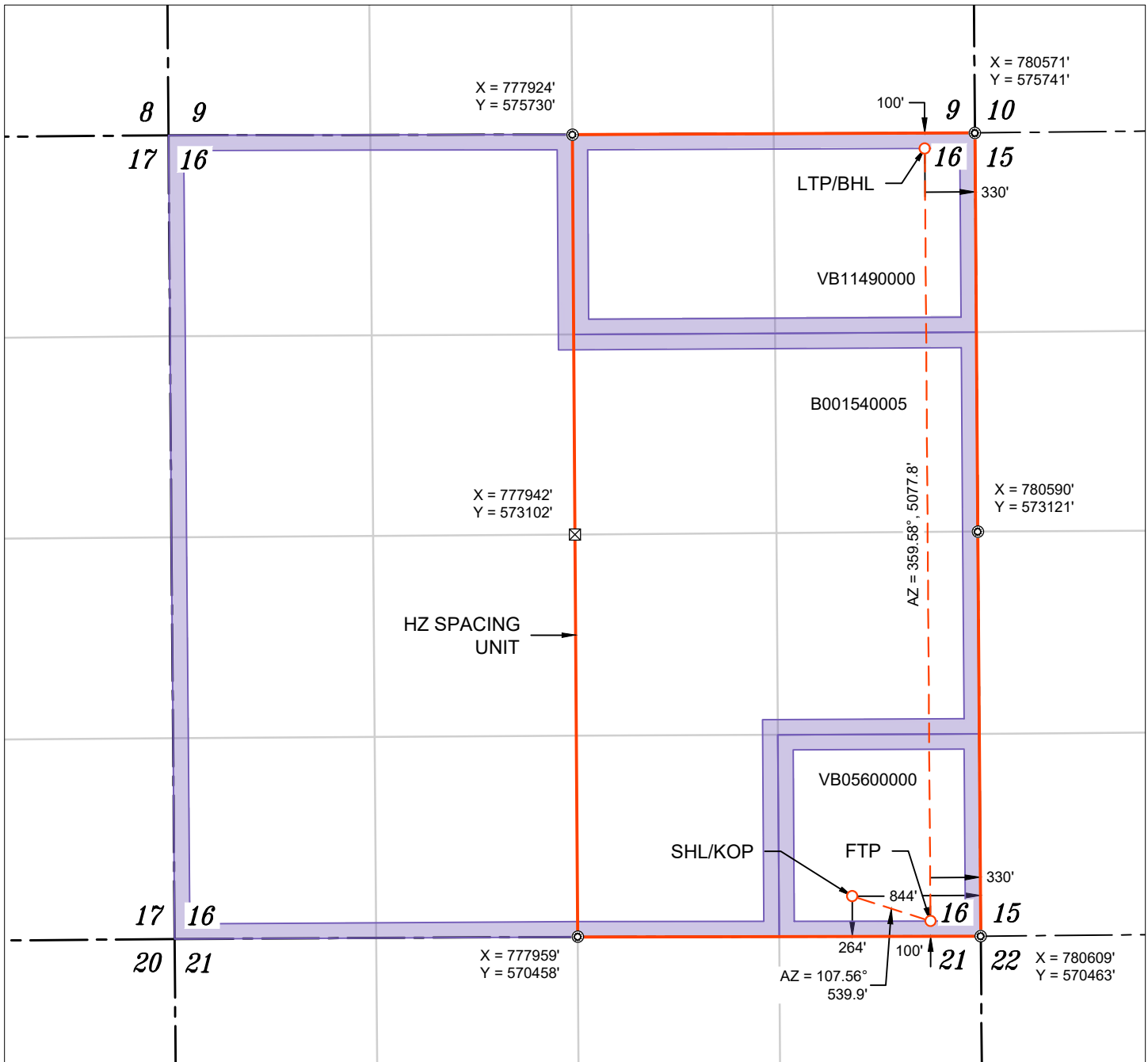
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	16	20 S	34 E		100' FNL	330' FEL	32.580094°	-103.557734°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3639'
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<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;">  Date: 1/5/2026 </p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p style="text-align: center;">   </p>	
Signature	Date	Signature and Seal of Professional Surveyor
Sarah Ferreyros		23203 DECEMBER 18, 2025
Printed Name	Email Address	Certificate Number
sarah@avantnr.com		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: QUAIL 16 STATE COM #206H
 ELEVATION: 3639'

NAD 83 (SHL/KOP) 264' FSL & 844' FEL
LATITUDE = 32.566595°
LONGITUDE = -103.559399°
NAD 27 (SHL/KOP)
LATITUDE = 32.566476°
LONGITUDE = -103.558909°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.90' E: 779763.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.67' E: 738583.00'

NAD 83 (FTP) 100' FSL & 330' FEL
LATITUDE = 32.566137°
LONGITUDE = -103.557732°
NAD 27 (FTP)
LATITUDE = 32.566017°
LONGITUDE = -103.557242°
STATE PLANE NAD 83 (N.M. EAST)
N: 570562.00' E: 780278.69'
STATE PLANE NAD 27 (N.M. EAST)
N: 570500.78' E: 739097.70'

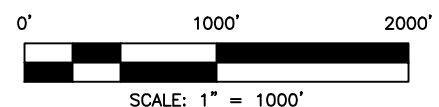
NAD 83 (LTP/BHL) 100' FNL & 330' FEL
LATITUDE = 32.580094°
LONGITUDE = -103.557734°
NAD 27 (LTP/BHL)
LATITUDE = 32.579974°
LONGITUDE = -103.557243°
STATE PLANE NAD 83 (N.M. EAST)
N: 575639.62' E: 780241.24'
STATE PLANE NAD 27 (N.M. EAST)
N: 575578.29' E: 739060.43'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
VB05600000	1228.42'
B001540005	2638.88'
VB11490000	1210.46'
TOTAL	5077.76'

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



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 30-025-55843	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #301H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3637'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		480' FSL	939' FWL	32.567225°	-103.570812°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	330' FWL	32.580148°	-103.572797°	LEA

Dedicated Acres 640.00	Infill or Defining Well Infill	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers.	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
M	16	20 S	34 E		480' FSL	939' FWL	32.567225°	-103.570812°	LEA

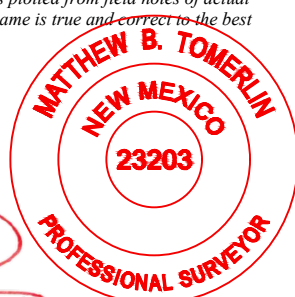
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		100' FSL	330' FWL	32.566185°	-103.572787°	LEA

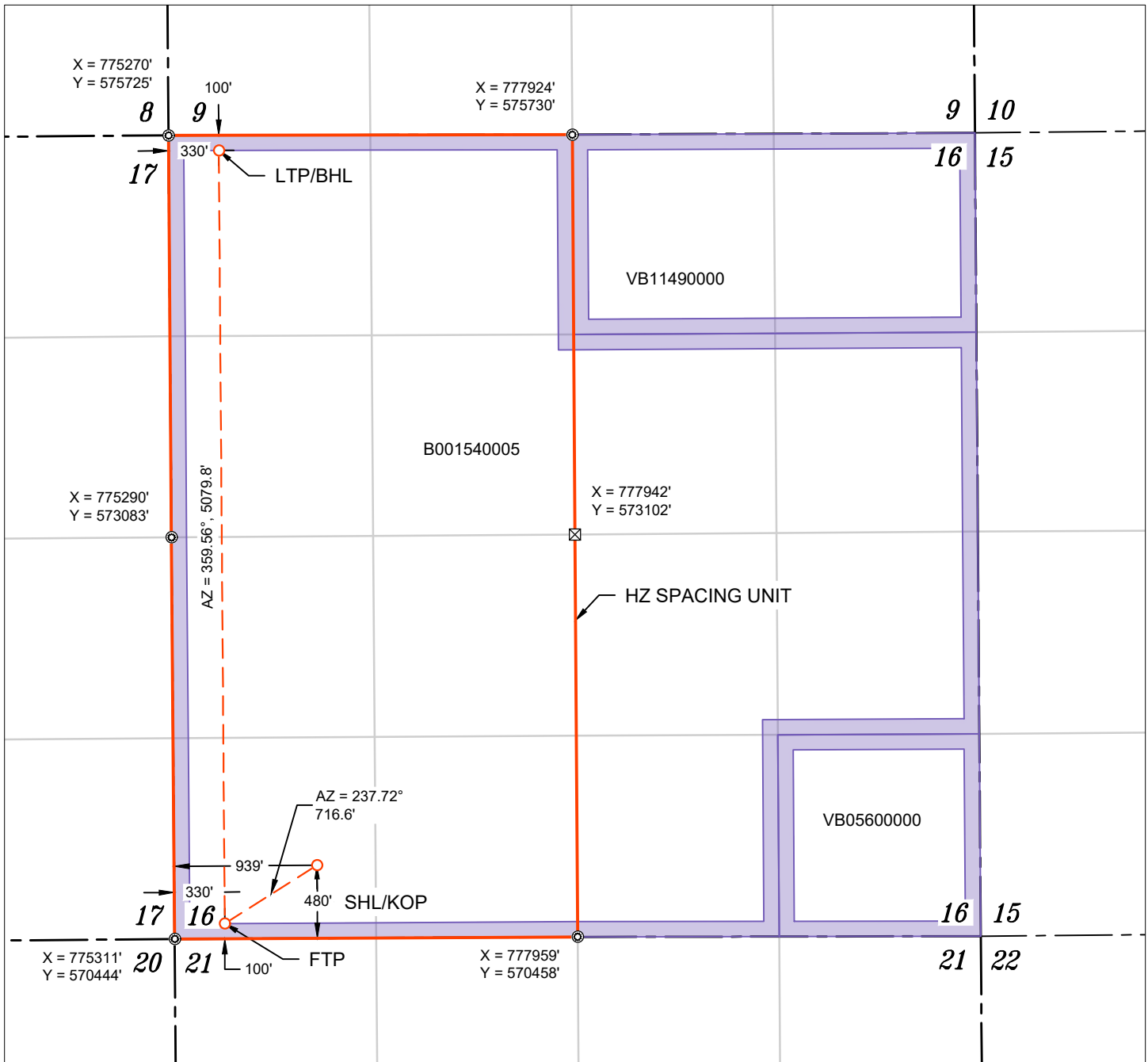
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	330' FWL	32.580148°	-103.572797°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3637'
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<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;"><i>Sarah Ferreyros</i> 1/5/2026</p>	<p>SURVEYOR CERTIFICATIONS</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: center;">  </div>
Signature Date Sarah Ferreyros	Signature and Seal of Professional Surveyor 23203 DECEMBER 18, 2025
Printed Name sarah@avantnr.com	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: QUAIL 16 STATE COM #301H
 ELEVATION: 3637'

NAD 83 (SHL/KOP) 480' FSL & 939' FWL
LATITUDE = 32.567225°
LONGITUDE = -103.570812°
NAD 27 (SHL/KOP)
LATITUDE = 32.567105°
LONGITUDE = -103.570321°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.72' E: 776246.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.46' E: 735065.27'

NAD 83 (FTP) 100' FSL & 330' FWL
LATITUDE = 32.566185°
LONGITUDE = -103.572787°
NAD 27 (FTP)
LATITUDE = 32.566066°
LONGITUDE = -103.572296°
STATE PLANE NAD 83 (N.M. EAST)
N: 570546.03' E: 775640.36'
STATE PLANE NAD 27 (N.M. EAST)
N: 570484.77' E: 734459.46'

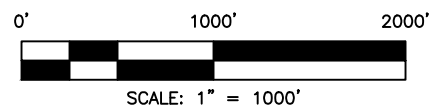
NAD 83 (LTP/BHL) 100' FNL & 330' FWL
LATITUDE = 32.580148°
LONGITUDE = -103.572797°
NAD 27 (LTP/BHL)
LATITUDE = 32.580028°
LONGITUDE = -103.572305°
STATE PLANE NAD 83 (N.M. EAST)
N: 575625.72' E: 775601.11'
STATE PLANE NAD 27 (N.M. EAST)
N: 575564.35' E: 734420.38'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5079.84'
TOTAL	5079.84'

NOTES

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

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 30-025-55844	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #302H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3638'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		479' FSL	1019' FWL	32.567224°	-103.570552°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	1485' FWL	32.580131°	-103.569047°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers. Pending	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
M	16	20 S	34 E		479' FSL	1019' FWL	32.567224°	-103.570552°	LEA




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	16	20 S	34 E		100' FSL	1485' FWL	32.566179°	-103.569038°	LEA

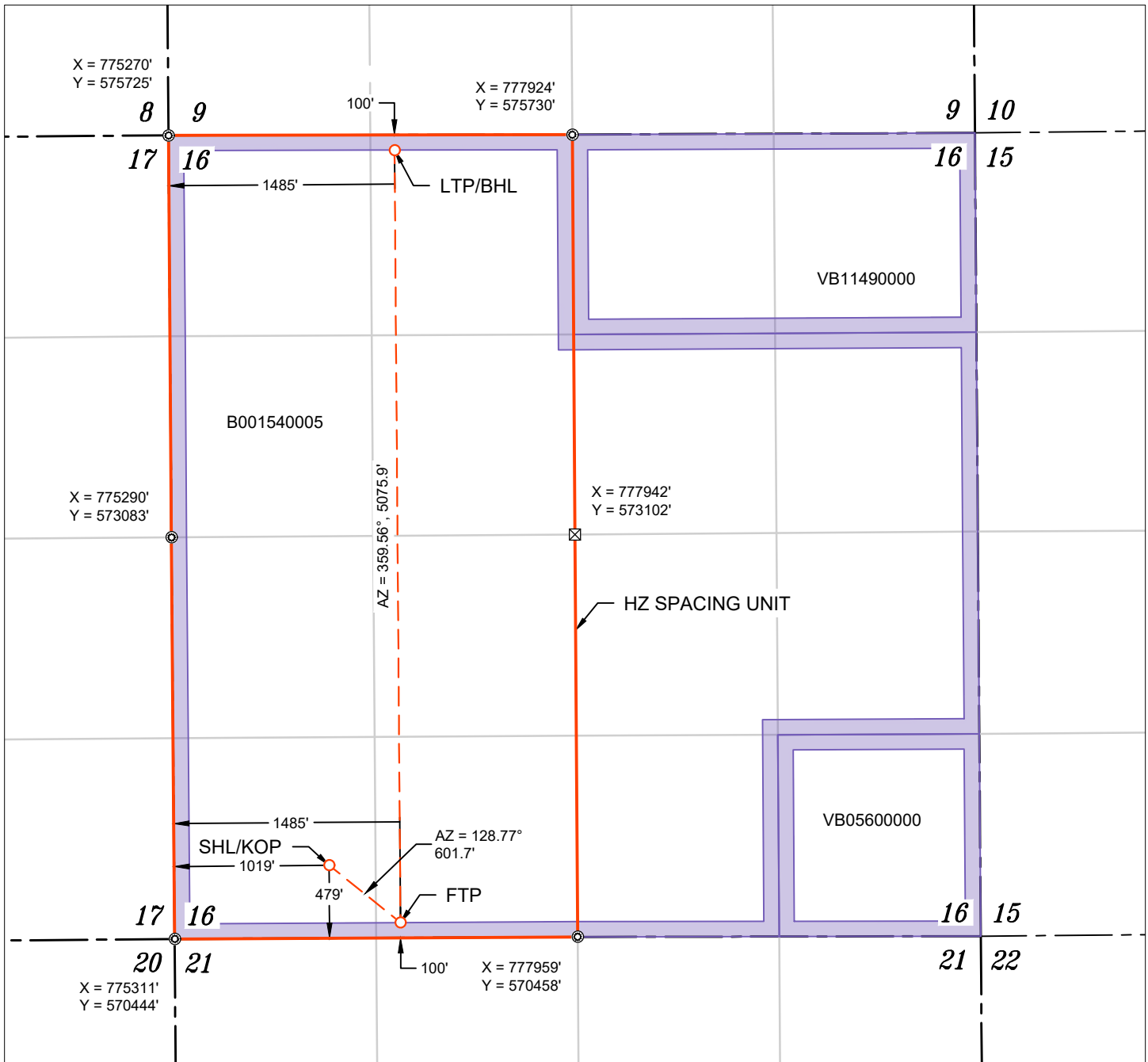
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	1485' FWL	32.580131°	-103.569047°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3638'
---	--	---

<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;">  1/5/2026 </p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p style="text-align: center;">   </p>
Signature Sarah Ferreyros	Signature and Seal of Professional Surveyor 23203 DECEMBER 18, 2025
Printed Name sarah@avantnr.com	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: QUAIL 16 STATE COM #302H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 479' FSL & 1019' FWL
LATITUDE = 32.567224°
LONGITUDE = -103.570552°
NAD 27 (SHL/KOP)
LATITUDE = 32.567104°
LONGITUDE = -103.570062°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.87' E: 776326.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.60' E: 735145.27'

NAD 83 (FTP) 100' FSL & 1485' FWL
LATITUDE = 32.566179°
LONGITUDE = -103.569038°
NAD 27 (FTP)
LATITUDE = 32.566059°
LONGITUDE = -103.568548°
STATE PLANE NAD 83 (N.M. EAST)
N: 570552.10' E: 776795.34'
STATE PLANE NAD 27 (N.M. EAST)
N: 570490.84' E: 735614.42'

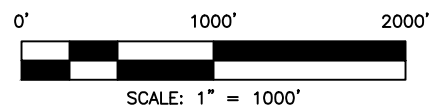
NAD 83 (LTP/BHL) 100' FNL & 1485' FWL
LATITUDE = 32.580131°
LONGITUDE = -103.569047°
NAD 27 (LTP/BHL)
LATITUDE = 32.580011°
LONGITUDE = -103.568556°
STATE PLANE NAD 83 (N.M. EAST)
N: 575627.86' E: 776756.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 575566.50' E: 735575.37'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5075.92
TOTAL	5075.92

NOTES

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- THIS DOCUMENT IS BASED UPON AN ON THE GROUND SURVEY PERFORMED DURING DECEMBER, 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.

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 30-025-55851	Pool Code 337580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #303H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3638'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		263' FSL	1004' FEL	32.566597°	-103.559918°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	2640' FWL	32.580114°	-103.565298°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers. Pending	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
P	16	20 S	34 E		263' FSL	1004' FEL	32.566597°	-103.559918°	LEA




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	16	20 S	34 E		100' FSL	2640' FWL	32.566173°	-103.565289°	LEA

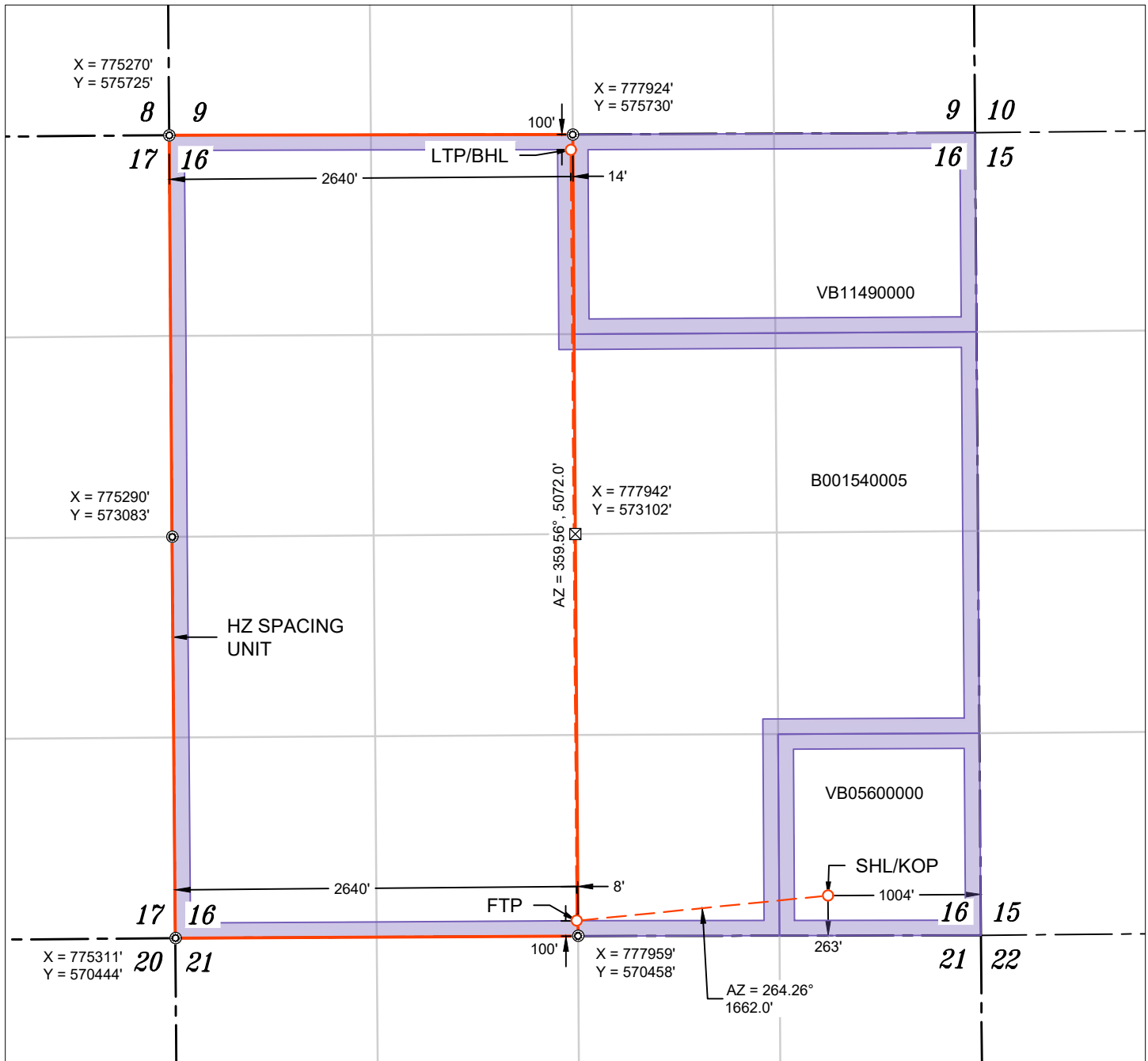
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	2640' FWL	32.580114°	-103.565298°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3638'
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<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;">  1/5/2026 </p>	<p>SURVEYOR CERTIFICATIONS</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: center;">  </div> <p style="text-align: center;">  </p>
Signature Date <p style="text-align: center;">Sarah Ferreyros</p>	Signature and Seal of Professional Surveyor <p style="text-align: center;">23203 DECEMBER 18, 2025</p>
Printed Name <p style="text-align: center;">sarah@avantnr.com</p>	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: QUAIL 16 STATE COM #303H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 263' FSL & 1004' FEL
LATITUDE = 32.566597°
LONGITUDE = -103.559918°
NAD 27 (SHL/KOP)
LATITUDE = 32.566477°
LONGITUDE = -103.559428°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.24' E: 779603.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.01' E: 738423.00'

NAD 83 (FTP) 100' FSL & 2640' FWL
LATITUDE = 32.566173°
LONGITUDE = -103.565289°
NAD 27 (FTP)
LATITUDE = 32.566053°
LONGITUDE = -103.564799°
STATE PLANE NAD 83 (N.M. EAST)
N: 570558.16' E: 777950.33'
STATE PLANE NAD 27 (N.M. EAST)
N: 570496.92' E: 736769.39'

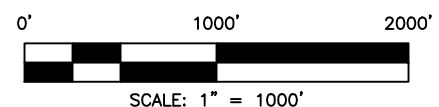
NAD 83 (LTP/BHL) 100' FNL & 2640' FWL
LATITUDE = 32.580114°
LONGITUDE = -103.565298°
NAD 27 (LTP/BHL)
LATITUDE = 32.579994°
LONGITUDE = -103.564807°
STATE PLANE NAD 83 (N.M. EAST)
N: 575630.00' E: 777911.14'
STATE PLANE NAD 27 (N.M. EAST)
N: 575568.66' E: 736730.37'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5071.99'
TOTAL	5071.99'

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



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 30-025-55852	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #304H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3638'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		263' FSL	944' FEL	32.566596°	-103.559723°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	16	20 S	34 E		100' FNL	1485' FEL	32.580104°	-103.561483°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers. Pending	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
P	16	20 S	34 E		263' FSL	944' FEL	32.566596°	-103.559723°	LEA

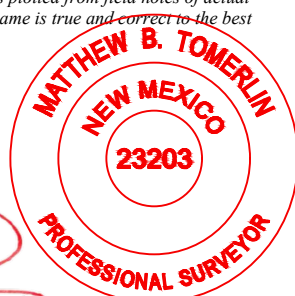
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
O	16	20 S	34 E		100' FSL	1485' FEL	32.566155°	-103.561481°	LEA

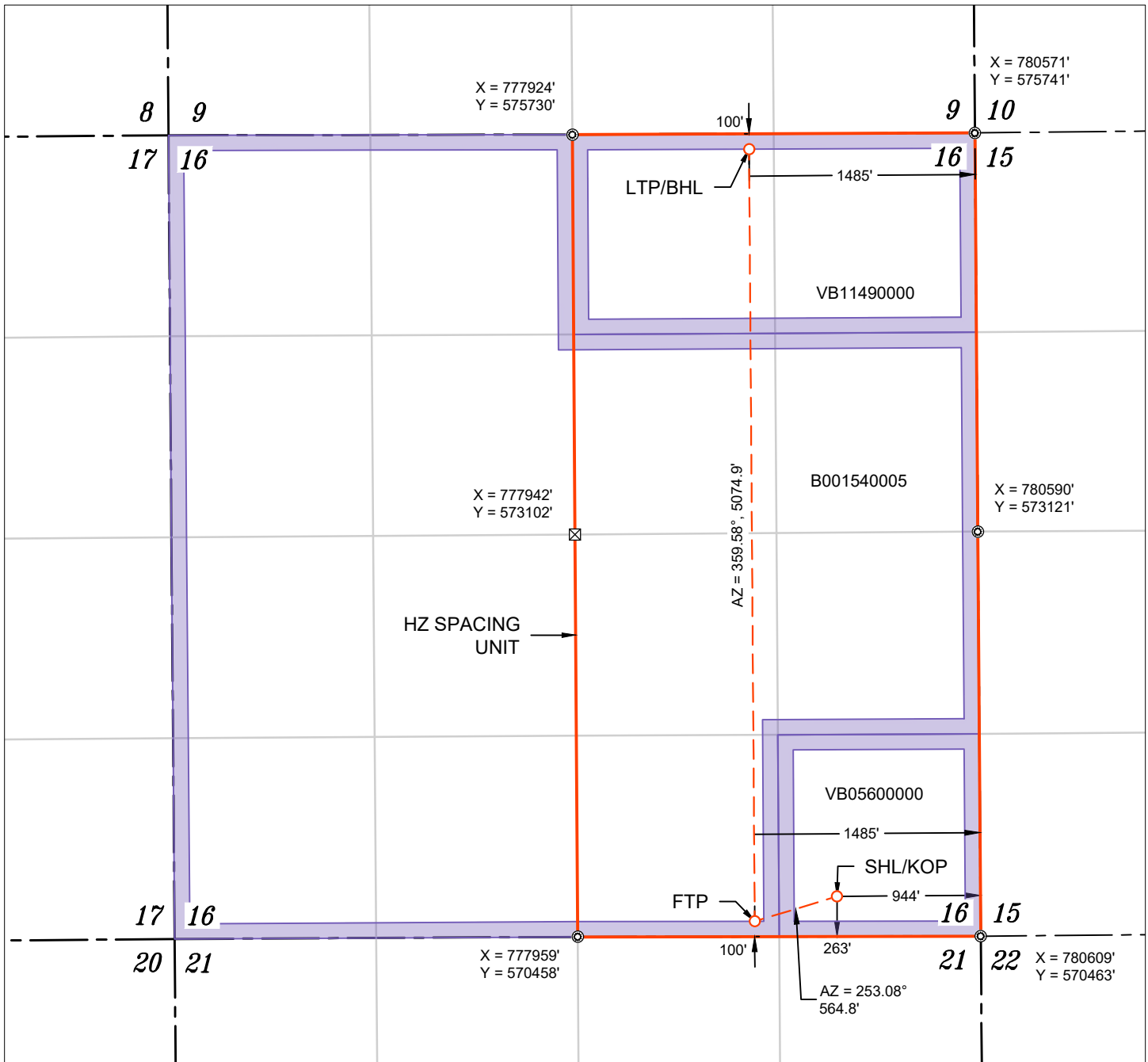
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	16	20 S	34 E		100' FNL	1485' FEL	32.580104°	-103.561483°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3638'
---	--	---

<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;"><i>Sarah Ferreyros</i> 1/5/2026</p>	<p>SURVEYOR CERTIFICATIONS</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: center;">  </div>	
Signature	Date	Signature and Seal of Professional Surveyor
Sarah Ferreyros		23203 DECEMBER 18, 2025
Printed Name	Email Address	Certificate Number
sarah@avantnr.com		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: QUAIL 16 STATE COM #304H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 263' FSL & 944' FEL
LATITUDE = 32.566596°
LONGITUDE = -103.559723°
NAD 27 (SHL/KOP)
LATITUDE = 32.566476°
LONGITUDE = -103.559233°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.49' E: 779663.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.26' E: 738483.00'

NAD 83 (FTP) 100' FSL & 1485' FEL
LATITUDE = 32.566155°
LONGITUDE = -103.561481°
NAD 27 (FTP)
LATITUDE = 32.566035°
LONGITUDE = -103.560991°
STATE PLANE NAD 83 (N.M. EAST)
N: 570560.11' E: 779123.67'
STATE PLANE NAD 27 (N.M. EAST)
N: 570498.88' E: 737942.70'

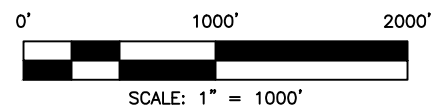
NAD 83 (LTP/BHL) 100' FNL & 1485' FEL
LATITUDE = 32.580104°
LONGITUDE = -103.561483°
NAD 27 (LTP/BHL)
LATITUDE = 32.579984°
LONGITUDE = -103.560992°
STATE PLANE NAD 83 (N.M. EAST)
N: 575634.83' E: 779086.25'
STATE PLANE NAD 27 (N.M. EAST)
N: 575573.50' E: 737905.45'

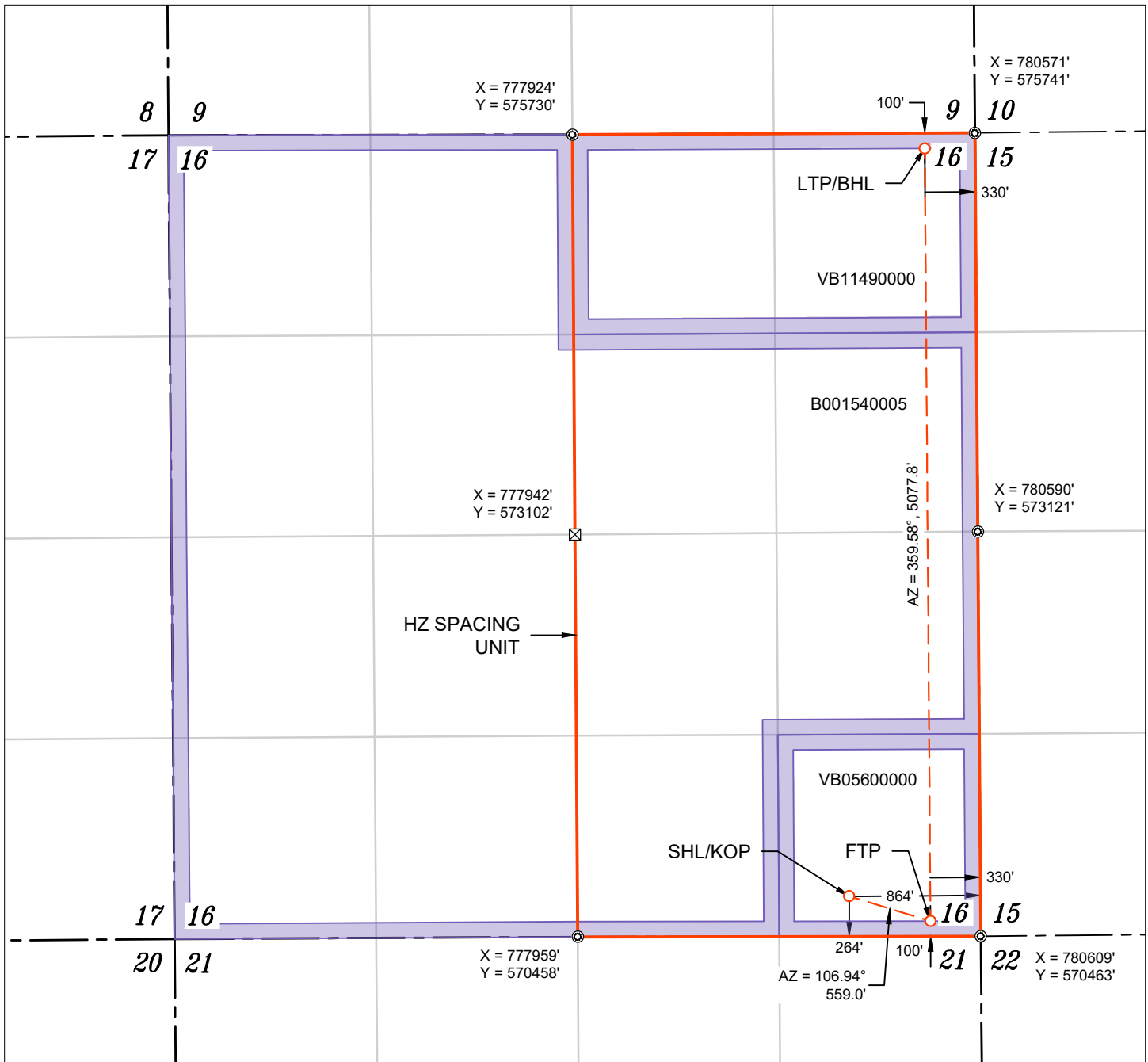
APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	3862.69'
VB11490000	1212.17'
TOTAL	5074.86'

- ⊙ 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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WELL NAME: QUAIL 16 STATE COM #305H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 264' FSL & 864' FEL
LATITUDE = 32.566596°
LONGITUDE = -103.559464°
NAD 27 (SHL/KOP)
LATITUDE = 32.566476°
LONGITUDE = -103.558973°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.82' E: 779743.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.59' E: 738563.00'

NAD 83 (FTP) 100' FSL & 330' FEL
LATITUDE = 32.566137°
LONGITUDE = -103.557732°
NAD 27 (FTP)
LATITUDE = 32.566017°
LONGITUDE = -103.557242°
STATE PLANE NAD 83 (N.M. EAST)
N: 570562.00' E: 780278.69'
STATE PLANE NAD 27 (N.M. EAST)
N: 570500.78' E: 739097.70'

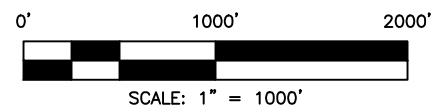
NAD 83 (LTP/BHL) 100' FNL & 330' FEL
LATITUDE = 32.580094°
LONGITUDE = -103.557734°
NAD 27 (LTP/BHL)
LATITUDE = 32.579974°
LONGITUDE = -103.557243°
STATE PLANE NAD 83 (N.M. EAST)
N: 575639.62' E: 780241.24'
STATE PLANE NAD 27 (N.M. EAST)
N: 575578.29' E: 739060.43'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
VB05600000	1228.42'
B001540005	2638.88'
VB11490000	1210.46'
TOTAL	5077.76'

- ⊙ 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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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 30-025-55845	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #501H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3639'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		479' FSL	959' FWL	32.567225°	-103.570747°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	330' FWL	32.580148°	-103.572797°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers. Pending	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
M	16	20 S	34 E		479' FSL	959' FWL	32.567225°	-103.570747°	LEA

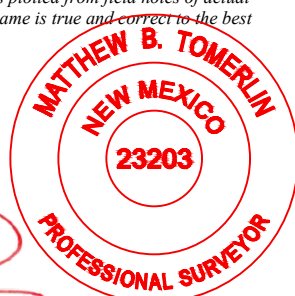
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		100' FSL	330' FWL	32.566185°	-103.572787°	LEA

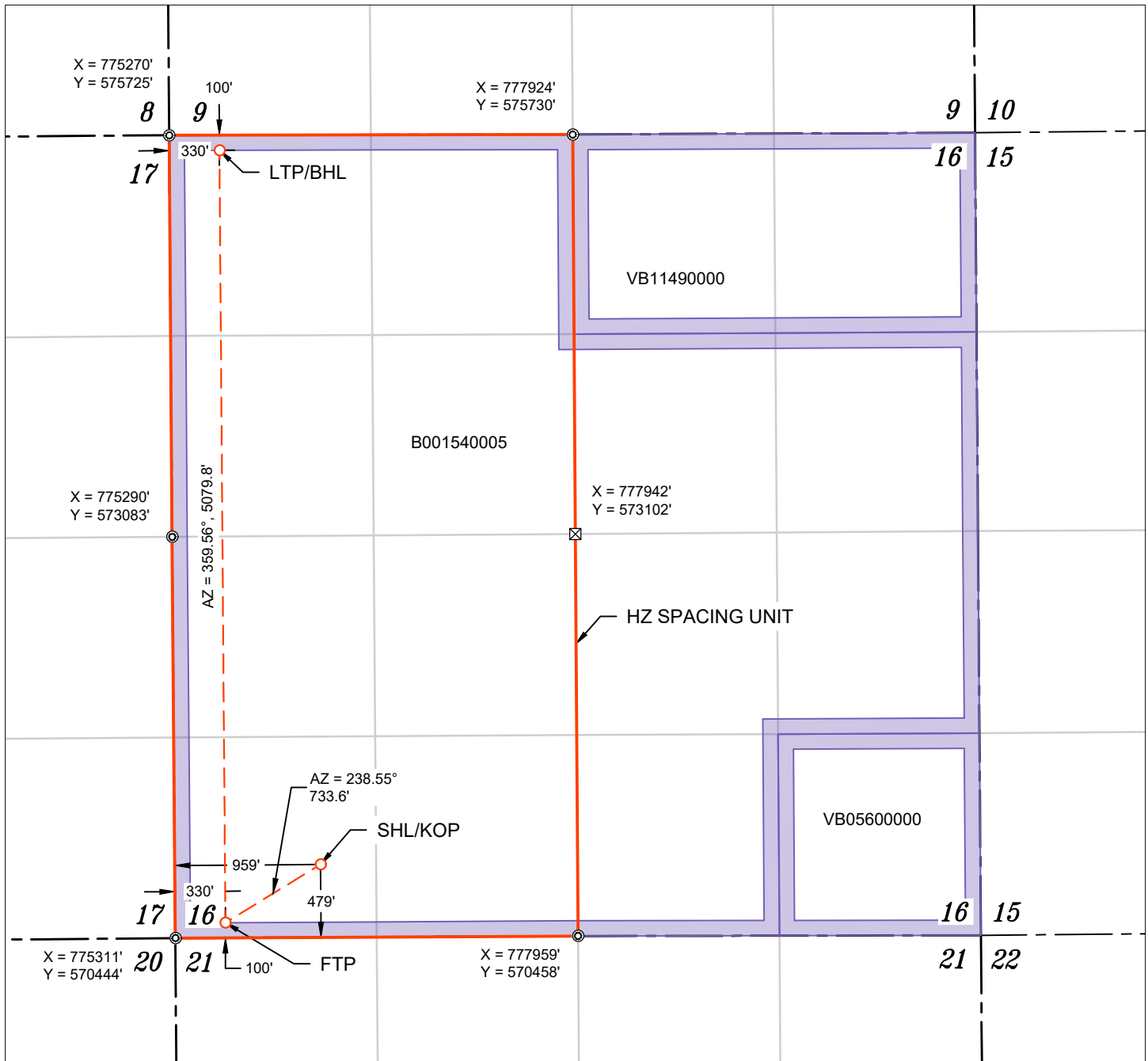
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	330' FWL	32.580148°	-103.572797°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3639'
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<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;"><i>Sarah Ferreyros</i> 1/5/2026</p>	<p>SURVEYOR CERTIFICATIONS</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: center;">  </div>
Signature Date Sarah Ferreyros	Signature and Seal of Professional Surveyor 23203 DECEMBER 18, 2025
Printed Name sarah@avantnr.com	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: QUAIL 16 STATE COM #501H
 ELEVATION: 3639'

NAD 83 (SHL/KOP) 479' FSL & 959' FWL
LATITUDE = 32.567225°
LONGITUDE = -103.570747°
NAD 27 (SHL/KOP)
LATITUDE = 32.567105°
LONGITUDE = -103.570256°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.76' E: 776266.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.49' E: 735085.27'

NAD 83 (FTP) 100' FSL & 330' FWL
LATITUDE = 32.566185°
LONGITUDE = -103.572787°
NAD 27 (FTP)
LATITUDE = 32.566066°
LONGITUDE = -103.572296°
STATE PLANE NAD 83 (N.M. EAST)
N: 570546.03' E: 775640.36'
STATE PLANE NAD 27 (N.M. EAST)
N: 570484.77' E: 734459.46'

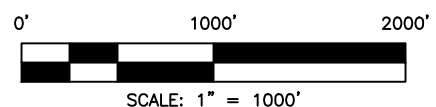
NAD 83 (LTP/BHL) 100' FNL & 330' FWL
LATITUDE = 32.580148°
LONGITUDE = -103.572797°
NAD 27 (LTP/BHL)
LATITUDE = 32.580028°
LONGITUDE = -103.572305°
STATE PLANE NAD 83 (N.M. EAST)
N: 575625.72' E: 775601.11'
STATE PLANE NAD 27 (N.M. EAST)
N: 575564.35' E: 734420.38'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5079.84'
TOTAL	5079.84'

NOTES

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

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 30-025-55846	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #502H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3640'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		479' FSL	999' FWL	32.567224°	-103.570617°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	1254' FWL	32.580134°	-103.569797°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers. Pending	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
M	16	20 S	34 E		479' FSL	999' FWL	32.567224°	-103.570617°	LEA




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		100' FSL	1254' FWL	32.566181°	-103.569788°	LEA

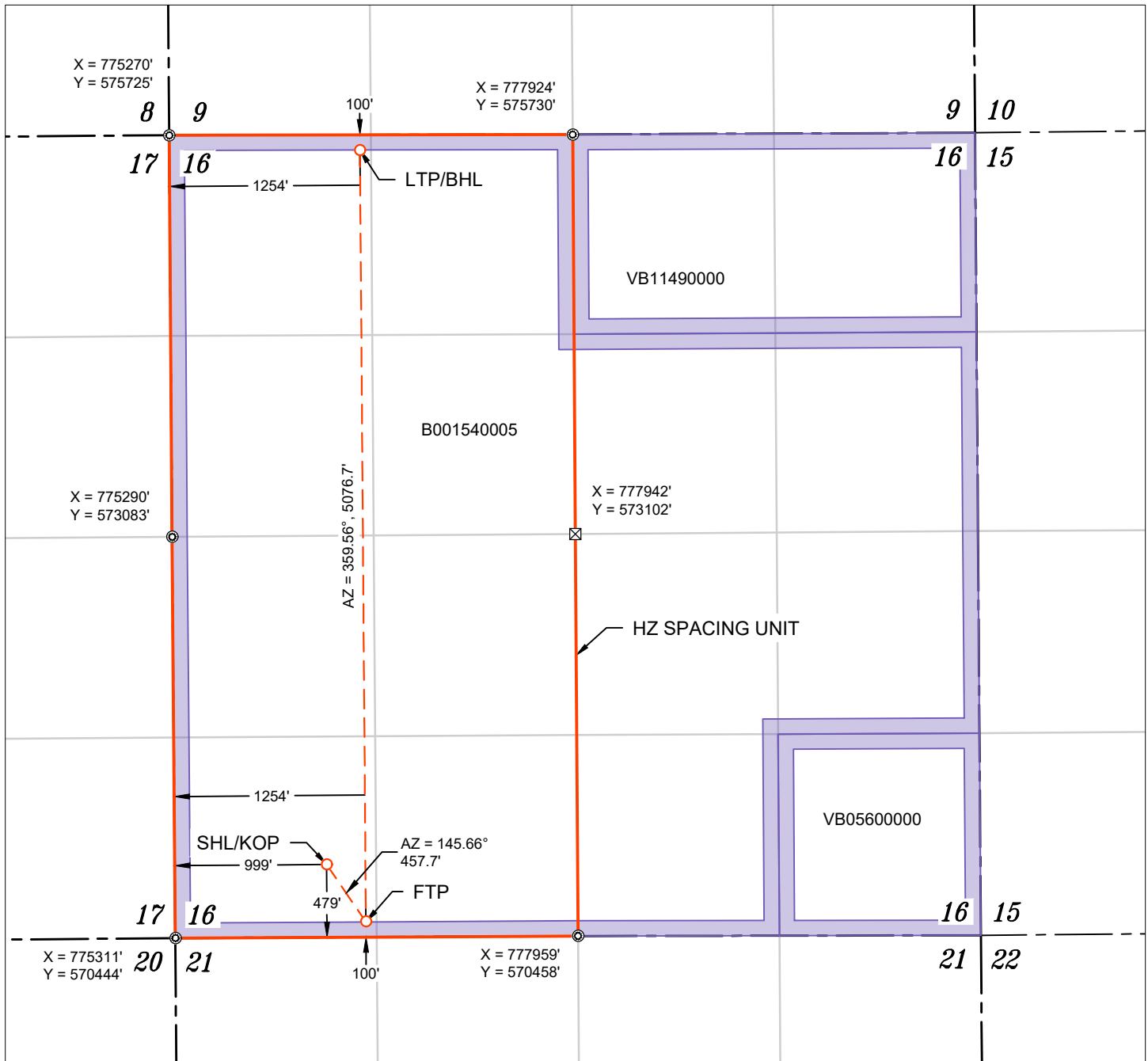
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	16	20 S	34 E		100' FNL	1254' FWL	32.580134°	-103.569797°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3640'
---	--	---

<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;"> 1/5/2026</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p style="text-align: center;"></p> <p style="text-align: right;"></p>
Signature _____ Date _____ <p style="text-align: center;">Sarah Ferreyros</p>	Signature and Seal of Professional Surveyor <p style="text-align: center;">23203 DECEMBER 18, 2025</p>
Printed Name <p style="text-align: center;">sarah@avantnr.com</p>	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: QUAIL 16 STATE COM #502H
 ELEVATION: 3640'

NAD 83 (SHL/KOP) 479' FSL & 999' FWL
LATITUDE = 32.567224°
LONGITUDE = -103.570617°
NAD 27 (SHL/KOP)
LATITUDE = 32.567105°
LONGITUDE = -103.570127°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.83' E: 776306.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.57' E: 735125.27'

NAD 83 (FTP) 100' FSL & 1254' FWL
LATITUDE = 32.566181°
LONGITUDE = -103.569788°
NAD 27 (FTP)
LATITUDE = 32.566061°
LONGITUDE = -103.569297°
STATE PLANE NAD 83 (N.M. EAST)
N: 570550.88' E: 776564.35'
STATE PLANE NAD 27 (N.M. EAST)
N: 570489.63' E: 735383.43'

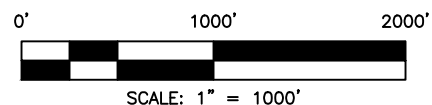
NAD 83 (LTP/BHL) 100' FNL & 1254' FWL
LATITUDE = 32.580134°
LONGITUDE = -103.569797°
NAD 27 (LTP/BHL)
LATITUDE = 32.580015°
LONGITUDE = -103.569306°
STATE PLANE NAD 83 (N.M. EAST)
N: 575627.43' E: 776525.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 575566.07' E: 735344.37'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5076.70'
TOTAL	5076.70'

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 DECEMBER, 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.

- ⊙ 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 30-025-55847	Pool Code 37580	Pool Name Lea; Bone Spring, South
Property Code 37745	Property Name QUAIL 16 STATE COM	Well Number #503H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3637'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	16	20 S	34 E		479' FSL	1059' FWL	32.567224°	-103.570423°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	2178' FWL	32.580121°	-103.566798°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
Order Numbers. Pending			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
M	16	20 S	34 E		479' FSL	1059' FWL	32.567224°	-103.570423°	LEA


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	16	20 S	34 E		100' FSL	2178' FWL	32.566176°	-103.566789°	LEA

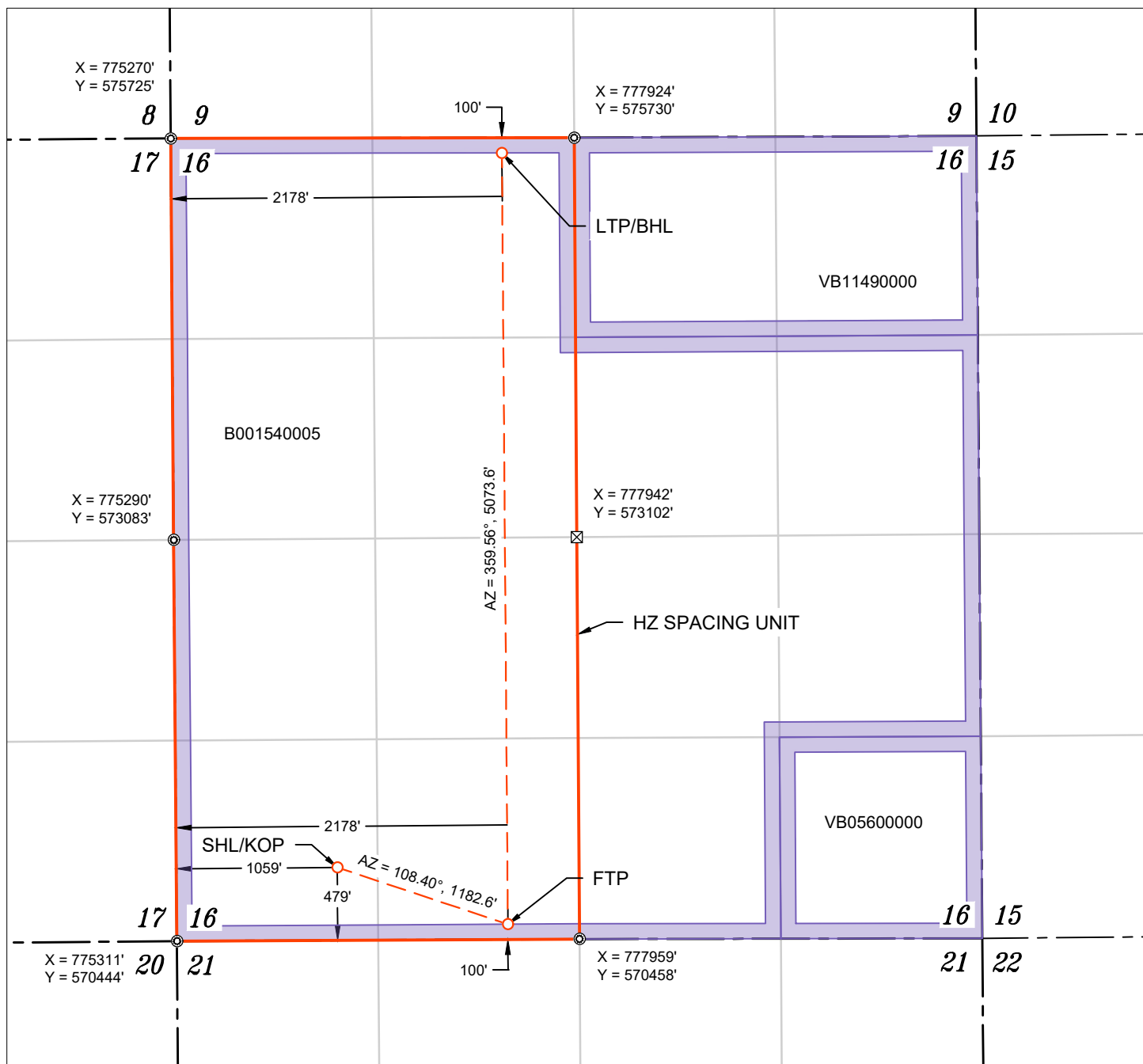
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	16	20 S	34 E		100' FNL	2178' FWL	32.580121°	-103.566798°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3637'
---	--	---

<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;"><i>Sarah Ferreyros</i> 2/12/2026</p>	<p>SURVEYOR CERTIFICATIONS</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>Tim C. Pappas</i> 11 February 2026</p> </div>	
Signature Sarah Ferreyros	Signature and Seal of Professional Surveyor	
Printed Name sarah@avantnr.com	21209	FEBRUARY 11, 2026
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: QUAIL 16 STATE COM #503H
 ELEVATION: 3637'

NAD 83 (SHL/KOP) 479' FSL & 1059' FWL
LATITUDE = 32.567224°
LONGITUDE = -103.570423°
NAD 27 (SHL/KOP)
LATITUDE = 32.567104°
LONGITUDE = -103.569932°
STATE PLANE NAD 83 (N.M. EAST)
N: 570928.94' E: 776366.17'
STATE PLANE NAD 27 (N.M. EAST)
N: 570867.68' E: 735185.27'

NAD 83 (FTP) 100' FSL & 2178' FWL
LATITUDE = 32.566176°
LONGITUDE = -103.566789°
NAD 27 (FTP)
LATITUDE = 32.566056°
LONGITUDE = -103.566298°
STATE PLANE NAD 83 (N.M. EAST)
N: 570555.74' E: 777488.34'
STATE PLANE NAD 27 (N.M. EAST)
N: 570494.50' E: 736307.40'

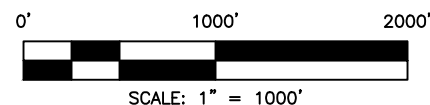
NAD 83 (LTP/BHL) 100' FNL & 2178' FWL
LATITUDE = 32.580121°
LONGITUDE = -103.566798°
NAD 27 (LTP/BHL)
LATITUDE = 32.580001°
LONGITUDE = -103.566306°
STATE PLANE NAD 83 (N.M. EAST)
N: 575629.15' E: 777449.13'
STATE PLANE NAD 27 (N.M. EAST)
N: 575567.80' E: 736268.37'

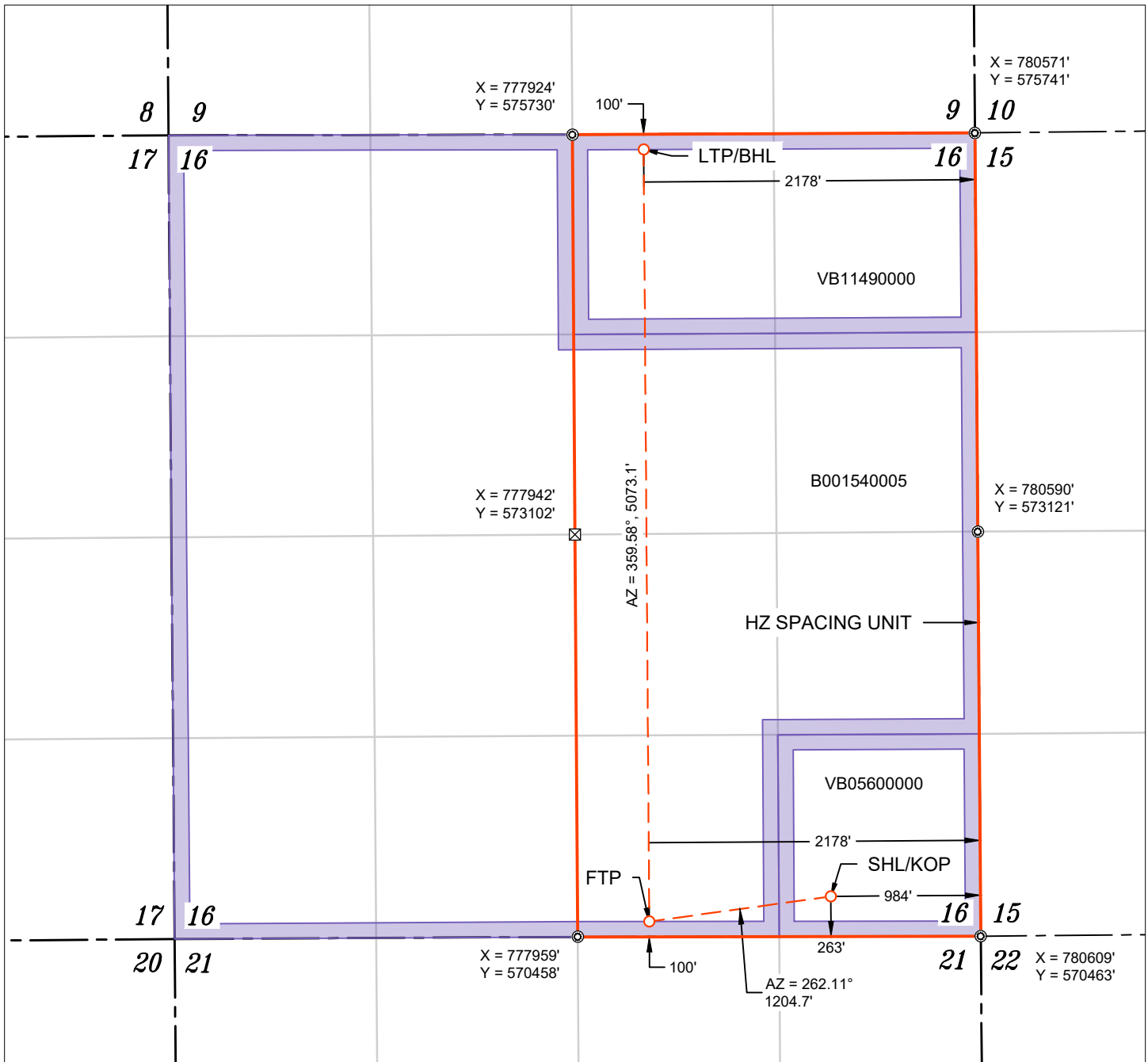
APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	5073.56'
TOTAL	5073.56'

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





WELL NAME: QUAIL 16 STATE COM #504H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 263' FSL & 984' FEL
LATITUDE = 32.566597°
LONGITUDE = -103.559853°
NAD 27 (SHL/KOP)
LATITUDE = 32.566477°
LONGITUDE = -103.559363°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.32' E: 779623.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.09' E: 738443.00'

NAD 83 (FTP) 100' FSL & 2178' FEL
LATITUDE = 32.566166°
LONGITUDE = -103.563730°
NAD 27 (FTP)
LATITUDE = 32.566046°
LONGITUDE = -103.563240°
STATE PLANE NAD 83 (N.M. EAST)
N: 570558.98' E: 778430.66'
STATE PLANE NAD 27 (N.M. EAST)
N: 570497.74' E: 737249.71'

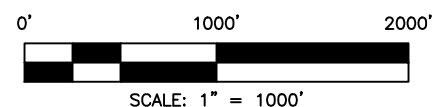
NAD 83 (LTP/BHL) 100' FNL & 2178' FEL
LATITUDE = 32.580110°
LONGITUDE = -103.563733°
NAD 27 (LTP/BHL)
LATITUDE = 32.579990°
LONGITUDE = -103.563242°
STATE PLANE NAD 83 (N.M. EAST)
N: 575631.97' E: 778393.25'
STATE PLANE NAD 27 (N.M. EAST)
N: 575570.62' E: 737212.47'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
B001540005	3859.92'
VB11490000	1213.20'
TOTAL	5073.12'

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



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 30-025-55855	Pool Code 37580	Pool Name LEA;BONE SPRING, SOUTH
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #505H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3638'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		264' FSL	924' FEL	32.566596°	-103.559659°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	16	20 S	34 E		100' FNL	1254' FEL	32.580102°	-103.560733°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
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Order Numbers. Pending	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
P	16	20 S	34 E		264' FSL	924' FEL	32.566596°	-103.559659°	LEA


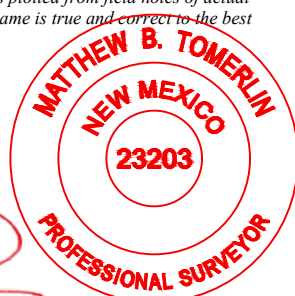

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		100' FSL	1254' FEL	32.566152°	-103.560731°	LEA

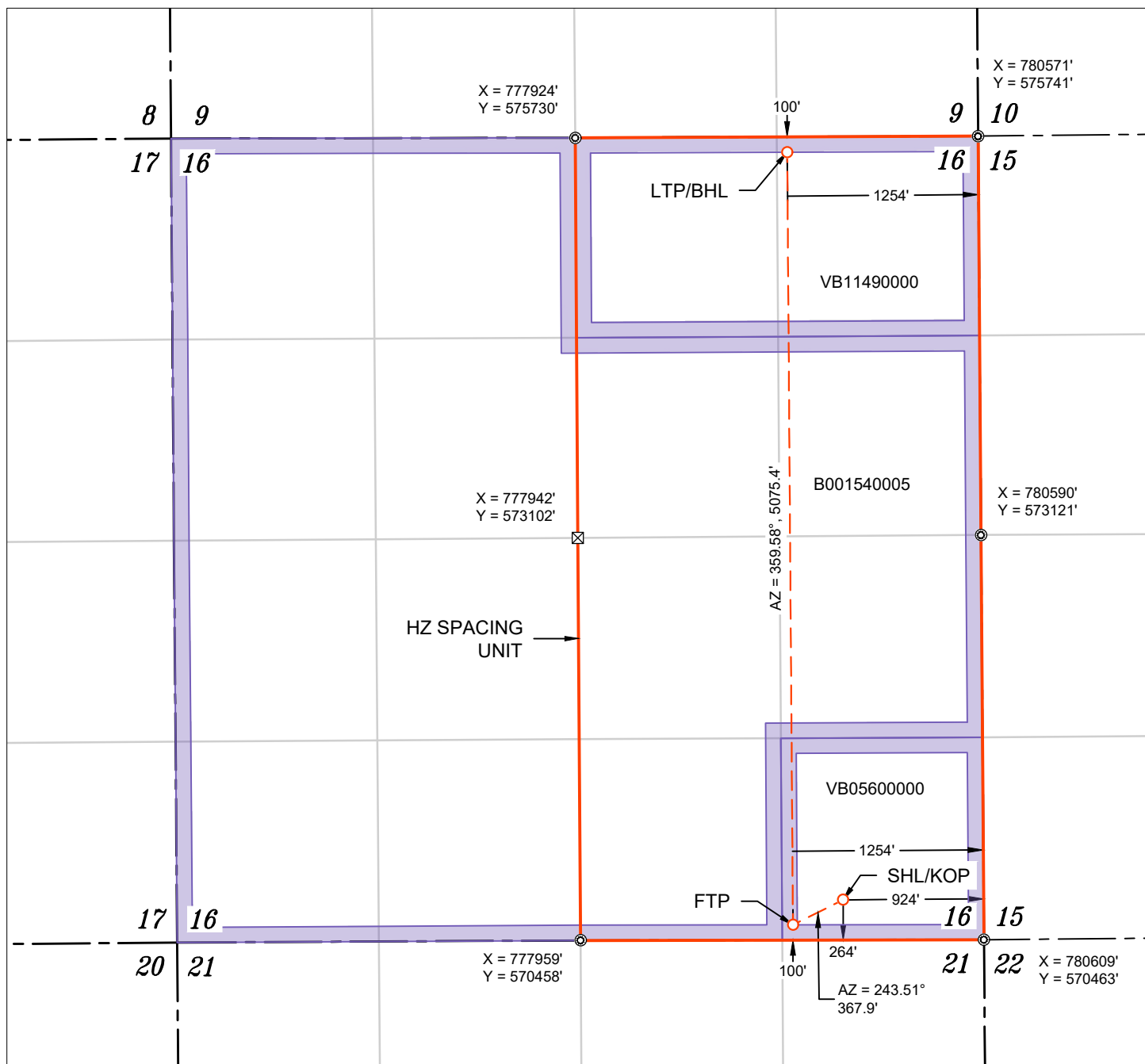
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	16	20 S	34 E		100' FNL	1254' FEL	32.580102°	-103.560733°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3638'
---	--	---

<p>OPERATOR CERTIFICATIONS</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 style="text-align: right;">  1/5/2026 </p>	<p>SURVEYOR CERTIFICATIONS</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: center;">   </div>
Signature Sarah Ferreyros	Signature and Seal of Professional Surveyor 23203 DECEMBER 18, 2025
Printed Name sarah@avantnr.com	Certificate Number 23203
Email Address	Date of Survey DECEMBER 18, 2025

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: QUAIL 16 STATE COM #505H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 264' FSL & 924' FEL
LATITUDE = 32.566596°
LONGITUDE = -103.559659°
NAD 27 (SHL/KOP)
LATITUDE = 32.566476°
LONGITUDE = -103.559168°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.57' E: 779683.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.34' E: 738503.00'

NAD 83 (FTP) 100' FSL & 1254' FEL
LATITUDE = 32.566152°
LONGITUDE = -103.560731°
NAD 27 (FTP)
LATITUDE = 32.566032°
LONGITUDE = -103.560241°
STATE PLANE NAD 83 (N.M. EAST)
N: 570560.49' E: 779354.68'
STATE PLANE NAD 27 (N.M. EAST)
N: 570499.26' E: 738173.70'

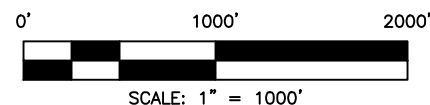
NAD 83 (LTP/BHL) 100' FNL & 1254' FEL
LATITUDE = 32.580102°
LONGITUDE = -103.560733°
NAD 27 (LTP/BHL)
LATITUDE = 32.579982°
LONGITUDE = -103.560242°
STATE PLANE NAD 83 (N.M. EAST)
N: 575635.79' E: 779317.25'
STATE PLANE NAD 27 (N.M. EAST)
N: 575574.46' E: 738136.45'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
VB05600000	1225.89'
B001540005	2637.72'
VB11490000	1211.83'
TOTAL	5075.44'

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



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 30-025-55856	Pool Code 37580	Pool Name LEA;BONE SPRING, SOUTH
Property Code 337745	Property Name QUAIL 16 STATE COM	Well Number #506H
OGRID No. 332947	Operator Name AVANT OPERATING II, LLC	Ground Level Elevation 3638'
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		264' FSL	884' FEL	32.566596°	-103.559529°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	16	20 S	34 E		100' FNL	330' FEL	32.580094°	-103.557734°	LEA

Dedicated Acres 640.00	Infill or Defining Well	Defining Well API n/a	Overlapping Spacing Unit (Y/N) No	Consolidation Code n/a
----------------------------------	-------------------------	---------------------------------	---	----------------------------------

Order Numbers. Pending	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
P	16	20 S	34 E		264' FSL	884' FEL	32.566596°	-103.559529°	LEA




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	16	20 S	34 E		100' FSL	330' FEL	32.566137°	-103.557732°	LEA

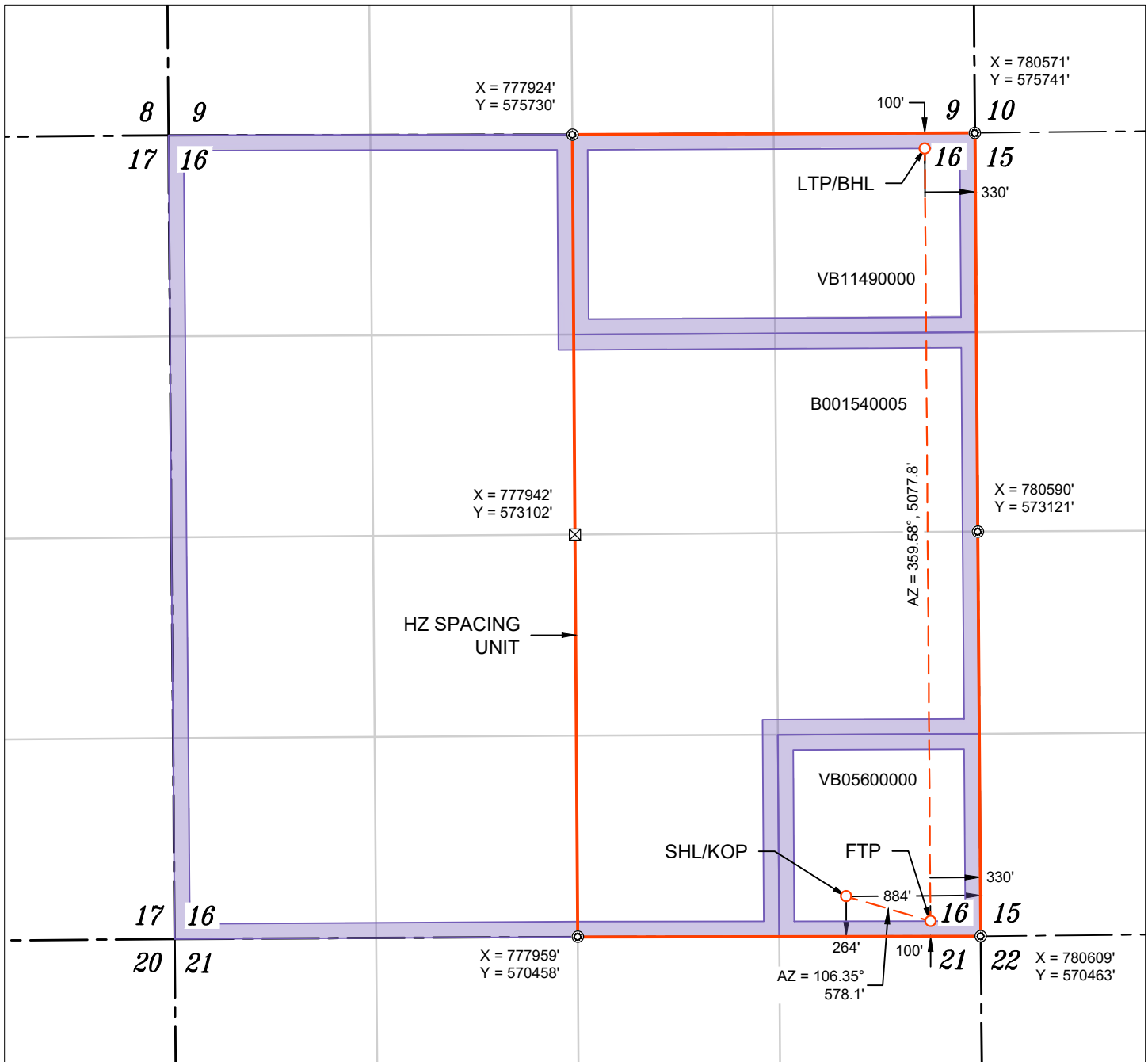
Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	16	20 S	34 E		100' FNL	330' FEL	32.580094°	-103.557734°	LEA

Unitized Area or Area of Uniform Interest Yes	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation: 3638'
---	--	---

<p>OPERATOR CERTIFICATIONS</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 style="text-align: center;"> 1/5/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p style="text-align: center;"></p>
Signature Sarah Ferreyros	Signature and Seal of Professional Surveyor 
Printed Name sarah@avantnr.com	Certificate Number 23203
Email Address	Date of Survey DECEMBER 18, 2025

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: QUAIL 16 STATE COM #506H
 ELEVATION: 3638'

NAD 83 (SHL/KOP) 264' FSL & 884' FEL
LATITUDE = 32.566596°
LONGITUDE = -103.559529°
NAD 27 (SHL/KOP)
LATITUDE = 32.566476°
LONGITUDE = -103.559038°
STATE PLANE NAD 83 (N.M. EAST)
N: 570724.74' E: 779723.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 570663.51' E: 738543.00'

NAD 83 (FTP) 100' FSL & 330' FEL
LATITUDE = 32.566137°
LONGITUDE = -103.557732°
NAD 27 (FTP)
LATITUDE = 32.566017°
LONGITUDE = -103.557242°
STATE PLANE NAD 83 (N.M. EAST)
N: 570562.00' E: 780278.69'
STATE PLANE NAD 27 (N.M. EAST)
N: 570500.78' E: 739097.70'

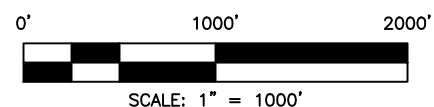
NAD 83 (LTP/BHL) 100' FNL & 330' FEL
LATITUDE = 32.580094°
LONGITUDE = -103.557734°
NAD 27 (LTP/BHL)
LATITUDE = 32.579974°
LONGITUDE = -103.557243°
STATE PLANE NAD 83 (N.M. EAST)
N: 575639.62' E: 780241.24'
STATE PLANE NAD 27 (N.M. EAST)
N: 575578.29' E: 739060.43'

APPROXIMATE WELL BORE DISTANCE FROM FTP TO LTP	
VB05600000	1228.42'
B001540005	2638.88'
VB11490000	1210.46'
TOTAL	5077.76'

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

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 DECEMBER, 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.

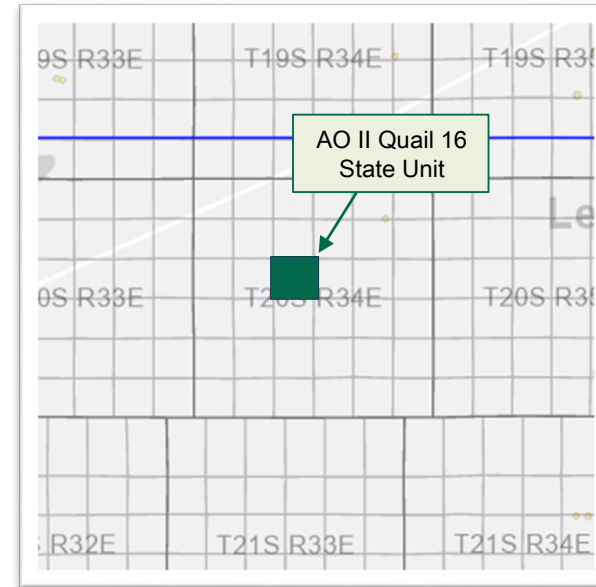
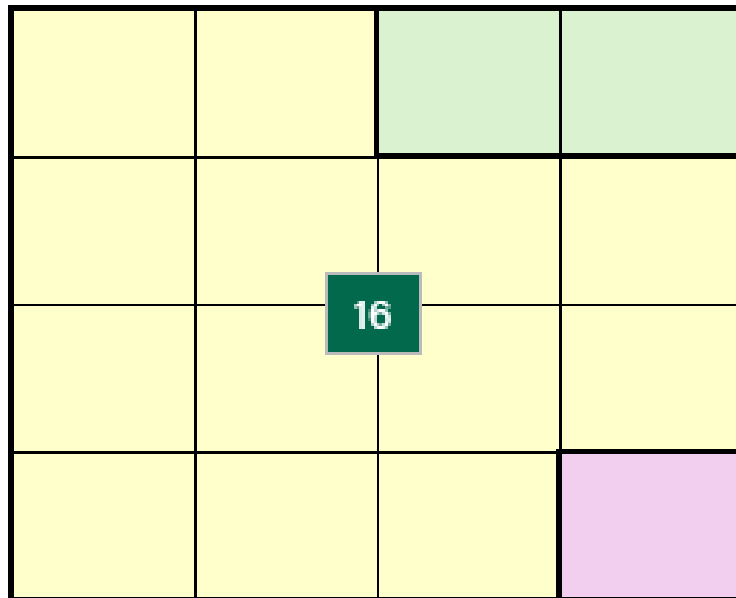


Lease Tract Map
Quail 16 State Com
#201H-#206H, #301H-#305H, #501H-#506H



Proposed Non-Standard Horizontal Spacing Unit

Township 20 South, Range 32 East, Section 16: All Lea County, NM



1		State Leaes VB-1149	80.00
2		State Lease BO-1545	520.00
3		State Lease V-560	40.00

Total Unit Acres: 640.00



Lease Tract Map

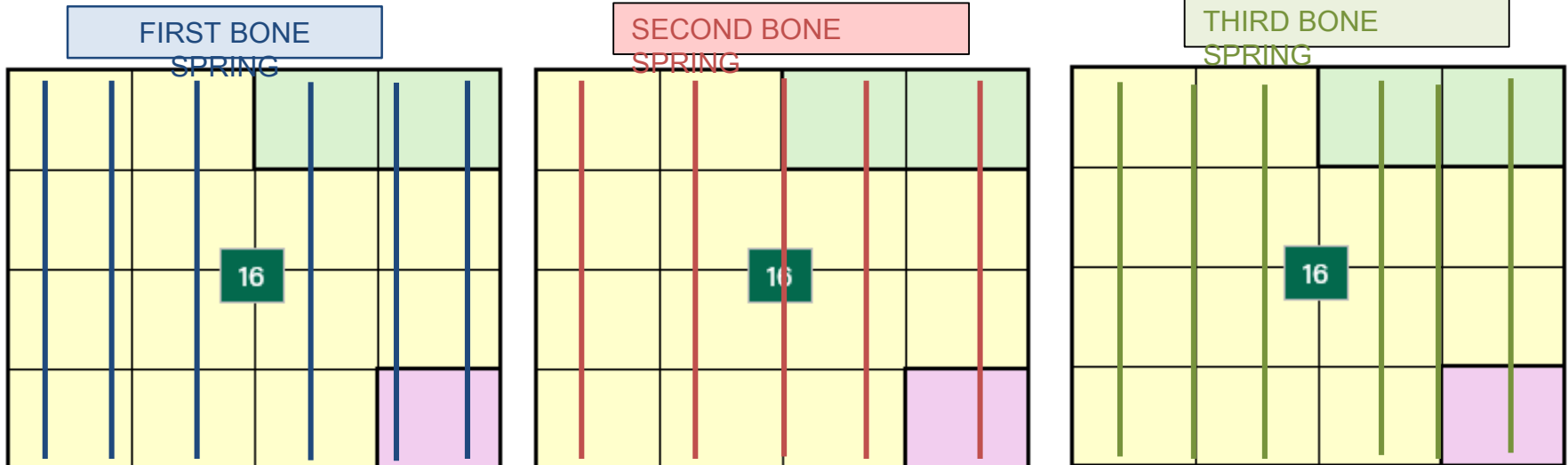
Quail 16 State Com

#201H-#206H, #301H-#305H, #501H-#506H

AO II Exhibit B (Cont)



Tract Map with approx. well locations



WELL NAME	POOL CODE
Quail 16 State Com #201H	37580 / Lea, Bone Spring, South
Quail 16 State Com #202H	37580 / Lea, Bone Spring, South
Quail 16 State Com #203H	37580 / Lea, Bone Spring, South
Quail 16 State Com #204H	37580 / Lea, Bone Spring, South
Quail 16 State Com #205H	37580 / Lea, Bone Spring, South
Quail 16 State Com #205H	37580 / Lea, Bone Spring, South
Quail 16 State Com #206H	37580 / Lea, Bone Spring, South

WELL NAME	POOL CODE
Quail 16 State Com #301H	37580 / Lea, Bone Spring, South
Quail 16 State Com #302H	37580 / Lea, Bone Spring, South
Quail 16 State Com #303H	37580 / Lea, Bone Spring, South
Quail 16 State Com #304H	37580 / Lea, Bone Spring, South
Quail 16 State Com #305H	37580 / Lea, Bone Spring, South

WELL NAME	POOL CODE
Quail 16 State Com #501H	37580 / Lea, Bone Spring, South
Quail 16 State Com #502H	37580 / Lea, Bone Spring, South
Quail 16 State Com #503H	37580 / Lea, Bone Spring, South
Quail 16 State Com #504H	37580 / Lea, Bone Spring, South
Quail 16 State Com #505H	37580 / Lea, Bone Spring, South
Quail 16 State Com #505H	37580 / Lea, Bone Spring, South
Quail 16 State Com #506H	37580 / Lea, Bone Spring, South



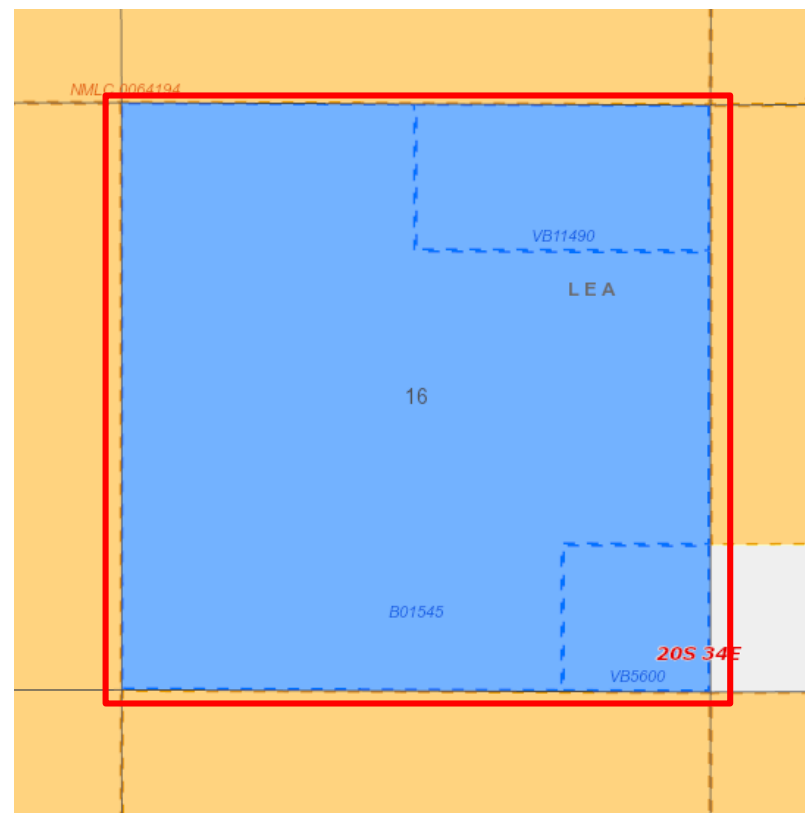
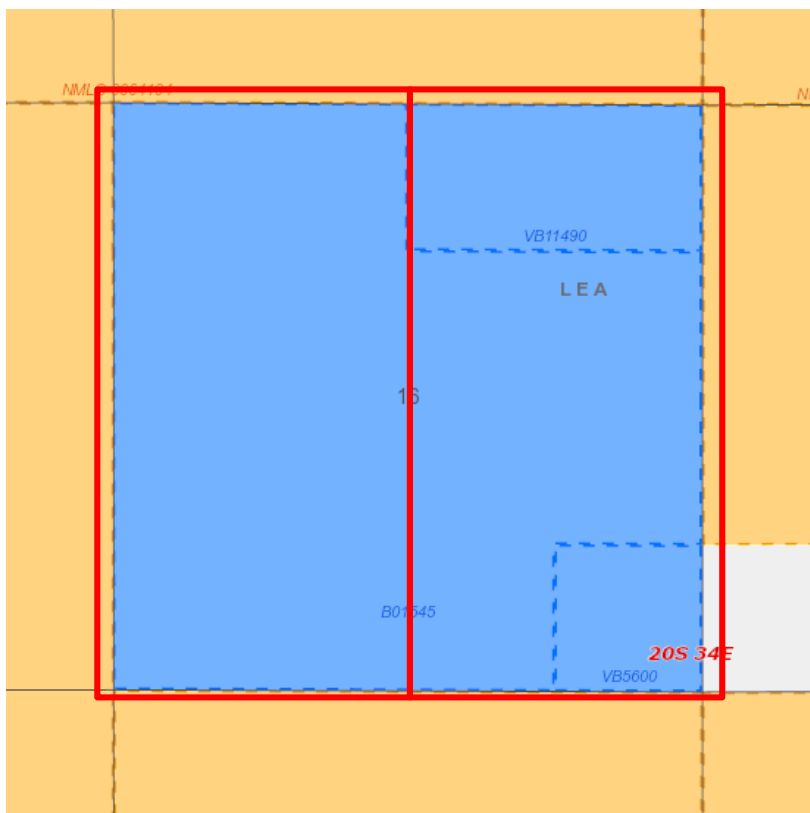
Standard vs. Non-Standard
Quail 16 State Com
#201H-#206H, #301H-#305H, #501H-#506H

AO II
Exhibit B
(cont)



STANDARD UNIT DEVELOPMENT

NON-STANDARD UNIT DEVELOPMENT





March 12, 2026

Director Chang and OCD Engineering Bureau
Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South Saint Francis Drive
Santa Fe, NM 87505

RE: Application of Avant Operating II, LLC for administrative approval of a 640-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 16, Township 20 South, Range 34 East, Lea County, NM.

Dear Director Chang/OCD Engineering Bureau:

Avant Operating II, LLC ("Avant"), OGRID Number 332947, respectfully requests administrative approval of a 640-acre, more or less, non-standard ("NSU") comprised of Section 16, Township 20 South, Range 34 East, Lea County, NM. The NSU would be dedicated to the following wells:

1. Quail 16 State Com #201H, API #30-025-55840
2. Quail 16 State Com #202H, API #30-025-55841
3. Quail 16 State Com #203H, API #30-025-55842
4. Quail 16 State Com #204H, API #30-025-55848
5. Quail 16 State Com #205H, API #30-025-55849
6. Quail 16 State Com #206H, API #30-025-55850
7. Quail 16 State Com #301H, API #30-025-55843
8. Quail 16 State Com #302H, API #30-025-55844
9. Quail 16 State Com #303H, API #30-025-55851
10. Quail 16 State Com #304H, API #30-025-55852
11. Quail 16 State Com #305H, API #30-025-55853
12. Quail 16 State Com #501H, API #30-025-55845
13. Quail 16 State Com #502H, API #30-025-55846
14. Quail 16 State Com #503H, API #30-025-55847
15. Quail 16 State Com #504H, API #30-025-55854
16. Quail 16 State Com #505H, API #30-025-55855
17. Quail 16 State Com #506H, API #30-025-55856

The Wells will be completed within the Lea; Bone Spring, South; (Pool ID: 37580). This pool is an oil pool, and it follows the statewide spacing rules.

In this NSU application, Avant seeks approval of a single 640-acre unit. Without the NSU approval, Avant would have two 320-acre units by virtue of proximity tract wells. For example, the Quail 16 State Com #202H well's completed interval is proposed to be 1210' from the west line, meaning it is closer than 330' to the quarter/ quarter section line, which allows for a standard 320-acre W/2 unit and the Quail 16 State Com #205H well's completed interval is proposed to be 1210' from the east line, meaning it is closer than 330' to the quarter/ quarter section line, which allows for a standard 320-acre E/2.

Avant has determined that a single 640-acre unit is preferable to two 320-acre units for the following reasons. Approval will allow Avant to reduce surface disturbance by consolidating roads, tank batteries, and pipelines. In addition, approval of Avant's application promotes effective and orderly well spacing. If the unit were divided

Avant Operating II, LLC

1515 Wynkoop, Suite #700 Denver, CO 802020

Land Department

Exhibit C



into two 320-acre units, adjustments to well locations could result in overly tight spacing, creating potential development inefficiencies and operational conflicts. Approval will also allow Avant to commingle production. Further, Avant seeks the NSU to align with the corresponding SLO preliminarily approved Communitization Agreement and the current Operating Agreement.

Conversely, if Avant's NSU application is not approved, Avant will need to construct additional flowlines and an additional CTB. Exhibit C-1 compares and contrasts, in table format, the reduced surface acreage and the cost savings that will occur if the NSU is approved. Developing the acreage as a single, non-standard unit will result in less surface disturbance than if Avant has to develop the acreage using standard units. If Avant's NSU application is approved, that would eliminate the need to build an additional central tank battery, which reduces permitted fugitive VOC emissions, spill risk, and flares. In addition, total capital costs would be significantly reduced.

In my opinion, approval of the NSU is in the best interest of conservation, prevention of waste, and protection of correlative rights.

Thank you for your consideration. Should you have any questions please contact me at shane@avantnr.com or 713-992-1701.

Respectfully,

A handwritten signature in blue ink, appearing to read "Alex Zaitsev".

Alex Zaitsev
Senior Reservoir Engineer
alexey@avantnr.com
720-985-9639

Standard vs. Non-Standard

Quail 16 State Com

#201H-#206H, #301H-#305H, #501H-#506H

AO II
Exhibit C-1



Scenario	Design Basis Per CTB (BPOD)	CTB Cost (\$M)	Pipeline/Utilities Cost (\$M)	Total Capital (\$M)	CTB and Pipeline Disturbance (Acres)
Two Separate Facilities	11,000	\$15	\$3	\$19	6.9
Single Pooled Facility	22,000	\$11	\$2	\$14	4.5
SAVINGS		\$4	\$1	\$5	2.4





MODRALL SPERLING
L A W Y E R S

March 12, 2026

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL

TO AFFECTED PARTIES

Re: Application of Avant Operating II, LLC for administrative approval of a 640-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 16, Township 20 South, Range 34 East, Lea County, NM.

Dear Sir or Madam:

Enclosed is a copy of the above referenced application filed with the New Mexico Conservation Division on this date. Any objections that you have to this application must be filed in writing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within twenty (20) days from the date the Division receives the above-referenced applications. If no objection is received within this twenty-day period, the applications may be approved administratively by the Division.

Sincerely,

Deana M. Bennett
*Attorney for Coterra Energy
Operating Co.*

Modrall Sperling
Roehl Harris & Sisk P.A.

500 Fourth Street NW
Suite 1000
Albuquerque,
New Mexico 87102

PO Box 2168
Albuquerque,
New Mexico 87103-2168

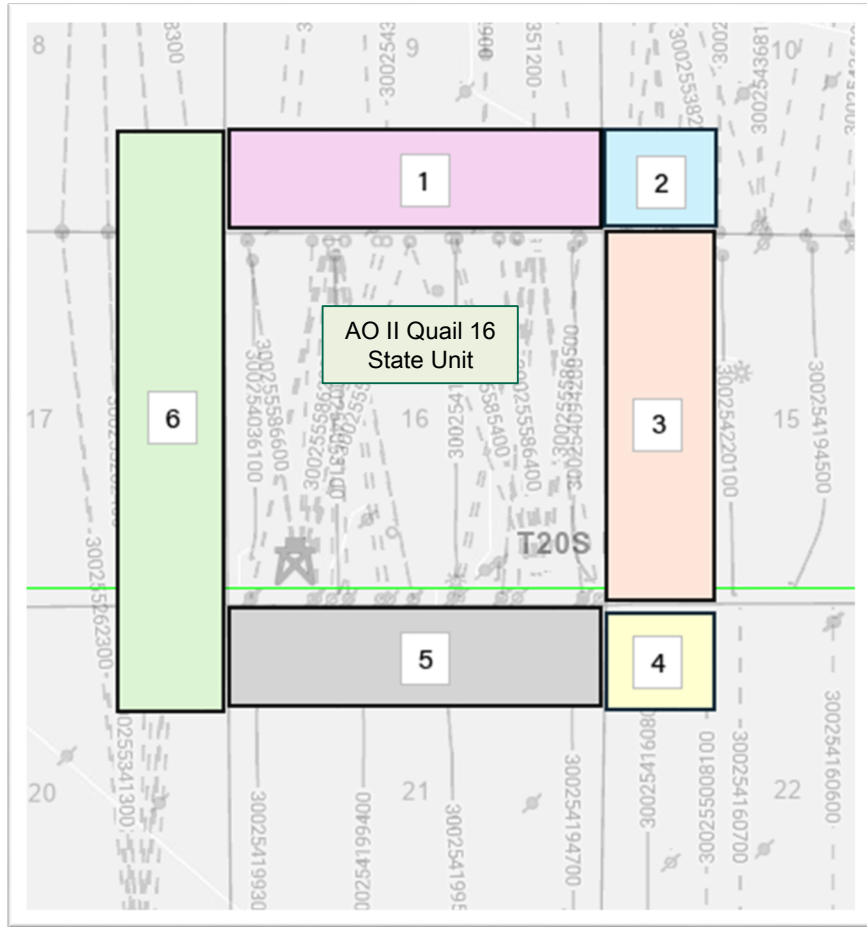
Tel: 505.848.1800
www.modrall.com

Offset Tract Map

Quail 16 State Com

#201H-#206H, #301H-#305H, #501H-#506H

AO II
Exhibit D



Tract	Location	Name	Type
1	S2S2 9-20S-34E	Read & Stevens c/O Permian Resources 300 N. Marienfield Street, #1000 Midland, TX 79701	OPERATOR
1	S2S2 9-20S-34E	Coterra 6001 Deauville Blvd., Suite #300N Midland, TX 79706	OPERATOR
2	SWSW 10-20S-34E	Read & Stevens c/O Permian Resources 300 N. Marienfield Street, #1000 Midland, TX 79701	OPERATOR
3	W2W2 15-20S-34E	Mewbourne Oil Company	OPERATOR
4	NWNW 22-20S-34E	Coterra 6001 Deauville Blvd., Suite #300N Midland, TX 79706	OPERATOR
5	N2N2	AO II Operating, LLC	OPERATOR & WI
6	NENE 20-20S-34E W2W2 17-20S-34E SESE 8-20S-34E	Permian Resources 300 N. Marienfield Street, #1000 Midland, TX 79701	OPERATOR





March 12, 2026

VIA ELECTRONIC FILING

OCD Engineering Bureau
Oil Conservation Division
Energy, Minerals and Natural Resource Department
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Avant Operating II, LLC for administrative approval of a 640-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of Section 16, Township 20 South, Range 34 East, Lea County, NM

Dear OCD Engineering Bureau:

I am a landman for Avant Operating II, LLC ("AOII"). As a landman for Avant, I have knowledge of the ownership of the N/2N/2 of Section 21, Township 20 South, Range 34 East. I confirm that AO II is the operator and owns 100% of the working interest in the N/2N/2 of Section 21, Township 20 South, Range 34 East, which is shown as Tract 5 in Exhibit D submitted with this non-standard unit application.

Thank you for your consideration.

Sincerely,

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

Tiffany Sarantinos

Released to Imaging: 5/8/2026 9:08:13 AM

Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
100 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877
Type of Mailing: CERTIFIED MAIL
03/12/2026

Firm Mailing Book ID: 306732

Received by OCD: 3/12/2026 4:16:14 PM

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0147 1000 32	Read & Stevens c/o Permian Resources 300 N. Marienfield Street, #1000 Midland TX 79701	\$2.17	\$5.30	\$2.82	\$0.00	10375.0015quail Notice
2	9314 8699 0430 0147 1000 49	Coterra 60001 Deauville Blvd., Suite #300N. Midland TX 79706	\$2.17	\$5.30	\$2.82	\$0.00	10375.0015quail Notice
3	9314 8699 0430 0147 1000 56	Mewbourne Oil Company 500 West Texas Avenue, Ste 1020 Midland TX 79701	\$2.17	\$5.30	\$2.82	\$0.00	10375.0015quail Notice
4	9314 8699 0430 0147 1000 63	Permian Resources 300 N. Marienfield Street, #1000 Midland TX 79701	\$2.17	\$5.30	\$2.82	\$0.00	10375.0015quail Notice
5	9314 8699 0430 0147 1000 70	State of New Mexico 310 Old Santa Fe Trail Santa Fe NM 87501	\$2.17	\$5.30	\$2.82	\$0.00	10375.0015quail Notice
6	9314 8699 0430 0147 1000 87	Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$2.17	\$5.30	\$2.82	\$0.00	10375.0015quail Notice
Totals:			\$13.02	\$31.80	\$16.92	\$0.00	
Grand Total:						\$61.74	

List Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster: Name of receiving employee	Dated:
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6

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 562602

CONDITIONS

Operator: Avant Operating II, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 332947
	Action Number: 562602
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	3/17/2026