

ID NO. 326558

NSP - 2194

Revised March 23, 2017

RECEIVED: 03/26/24	REVIEWER:	TYPE:	APP NO: pLEL2408659649
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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

**ADMINISTRATIVE APPLICATION CHECKLIST**

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

Applicant: Avant Operating, LLC**OGRID Number:** 330396**Well Name:** Little Betty 20 Bone Spring wells**API:** Pending**Pool:** Fenton; Bone Spring pool**Pool Code:** 24300

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 holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application
Content
Complete

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

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

Deana M. Bennett

Print or Type Name

Signature

March 25, 2024

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 25, 2024

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

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

Re: Application of Avant Operating, LLC for administrative approval of a 480-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of the N/2 and the N/2S/2 of Section 20, Township 21 South, Range 28 East, Eddy County, New Mexico.

Dear Director Fuge/OCD Engineering Bureau:

Avant Operating, LLC ("Avant"), OGRID Number 330396, respectfully requests administrative approval of a 480-acre, more or less, non-standard unit ("NSU") comprised of the N/2 and the N/2S/2 of Section 20, Township 21 South, Range 28 East, Eddy County, New Mexico. Avant owns 100% of the interests within the proposed NSU, which is comprised entirely of fee leases. The Wells will be completed within the Fenton; Bone Spring pool (Pool Code: 24300). This pool is an oil pool and it follows the statewide spacing rules.

The NSU would be dedicated to the following wells (the "Wells"):

- Little Betty 20 301H well (API pending)
- Little Betty 20 302H well (API pending)
- Little Betty 20 303H well (API pending)
- Little Betty 20 304H well (API pending)
- Little Betty 20 501H well (API pending)
- Little Betty 20 502H well (API pending)
- Little Betty 20 503H well (API pending)
- Little Betty 20 504H well (API pending)
- Little Betty 20 651H well (API pending)
- Little Betty 20 652H well (API pending)
- Little Betty 20 653H well (API pending)

C-102s for each well are attached hereto as **Exhibit A**. Each well will comply with the statewide setback requirements.

In this NSU application, Avant seeks approval of a single 480-acre unit. Without the NSU approval, Avant would have three separate 160-acre units. Avant has determined

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

Page 2

that a single 480-acre unit is preferable to three 160-acre units. Avant's drilling program for this area will develop the Bone Spring formation underlying each of the 40-acre tracts comprising the proposed non-standard spacing unit area. Avant seeks administrative approval of this non-standard spacing unit to allow for efficient development and to minimize surface disturbance by consolidating facilities and commingling production from existing and future wells in the proposed non-standard spacing unit. Approval of this administrative application will allow for full development of the acreage, promote efficiently located surface facilities, reduce surface disturbance, consolidate roads, tanks and pipelines; and promote effective well spacing. Avant is also submitting an application for a NSU for its Little Betty Wolfcamp wells.

A tract map is attached hereto as **Exhibit B**. Exhibit B also compares and contrasts the standard versus non-standard unit scenario and includes the approximate Well locations. Exhibit B also includes a list of the Wells.

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 standard, unit. Exhibit C includes two attachments that compare and contrast the standard versus non-standard unit scenario.

Section 20 is surrounded on all sides by the Big Eddy Unit. Avant is providing notice to XTO Energy, Inc., as the designated unit operator of the Big Eddy Unit. Avant is also providing notice to the Bureau of Land Management and the New Mexico State Land Office. 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 offsetting tracts for notice purposes.

Your attention to this matter is appreciated.

Sincerely,

A handwritten signature in blue ink that reads "Deana M. Bennett". The signature is written in a cursive style and is positioned above a horizontal line.

Deana M. Bennett
Attorneys for Avant Operating, LLC

DISTRICT I
1626 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

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

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

¹ API Number	² Pool Code 24300	³ Pool Name FENTON;BONE SPRING
⁴ Property Code	⁵ Property Name LITTLE BETTY 20	⁶ Well Number 301H
⁷ OGRI No. 330396	⁸ Operator Name AVANT OPERATING, LLC	⁹ Elevation 3222

¹⁰ Surface Location

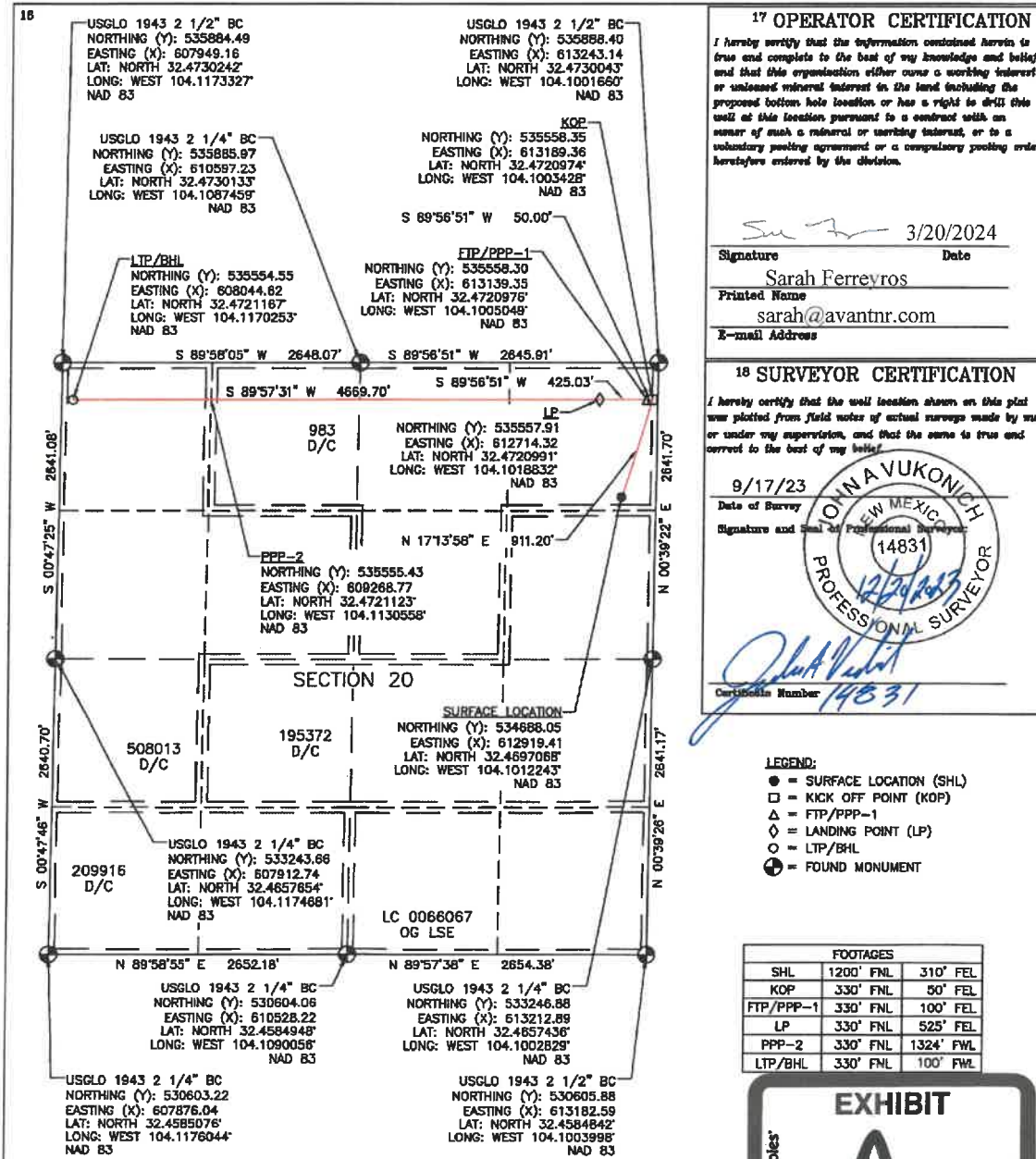
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	21 S	28 E		1200	NORTH	310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	21 S	28 E		330	NORTH	100	WEST	EDDY

¹² Dedicated Acres 480 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6181 Fax: (575) 593-0720

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

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 478-3460 Fax: (505) 478-3482

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

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

*API Number		*Pool Code 24300	*Pool Name FENTON BONE SPRING
*Property Code	*Property Name LITTLE BETTY 20		*Well Number 302H
*OGRID No. 330396	*Operator Name AVANT OPERATING, LLC		*Elevation 3218

10 Surface Location

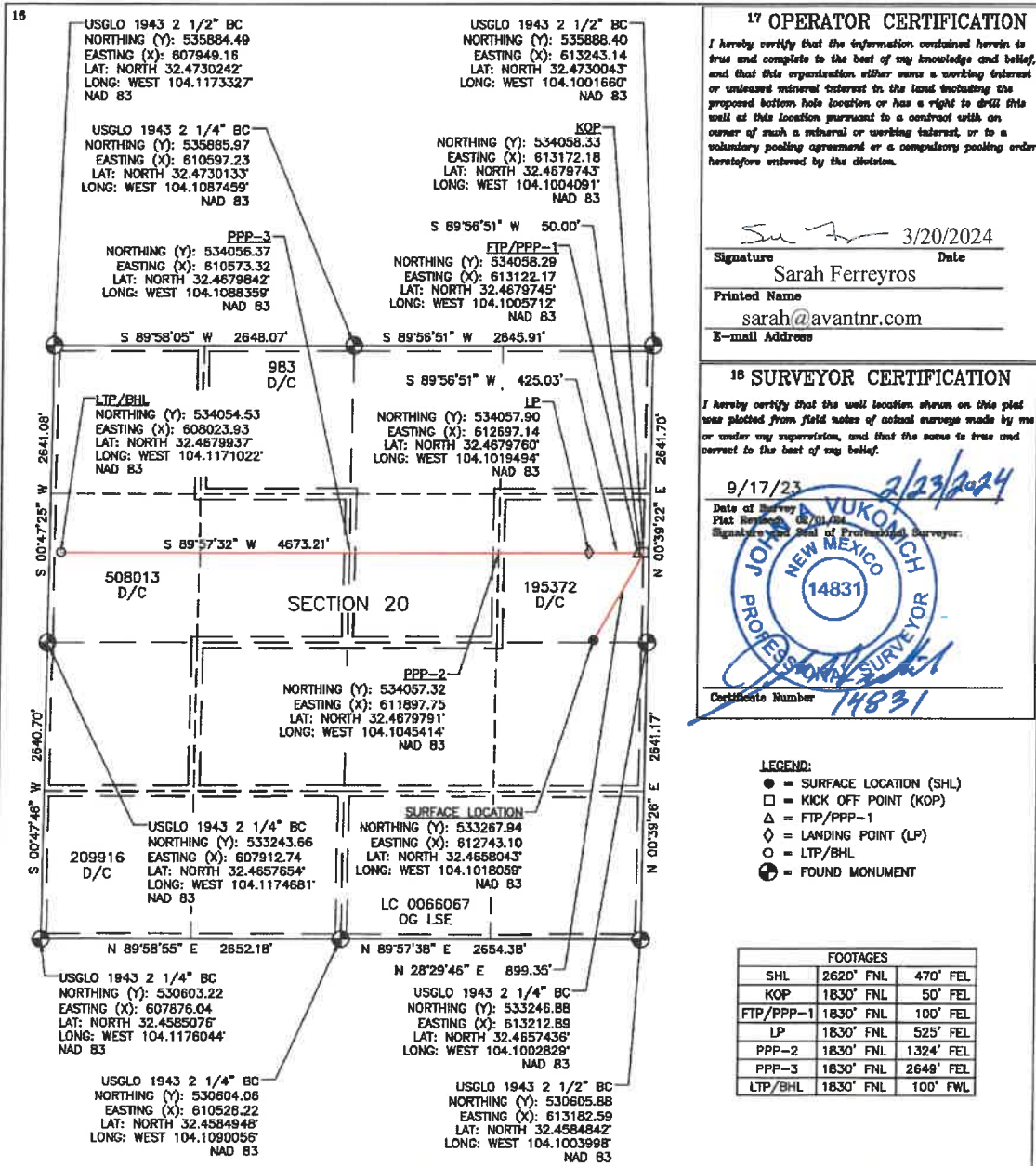
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	20	21 S	28 E		2620	NORTH	470	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	21 S	28 E		1830	NORTH	100	WEST	EDDY

*Dedicated Acres 4.80 ACRES	*Joint or Infill	*Consolidation Code	*Order No.
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DISTRICT I
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DISTRICT IV
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Santa Fe, N.M. 87505

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 24300	*Pool Name FENTON;BONE SPRING
*Property Code	*Property Name LITTLE BETTY 20		*Well Number 303H
*OGRID No. 330396	*Operator Name AVANT OPERATING, LLC		*Elevation 3218

¹⁰ Surface Location

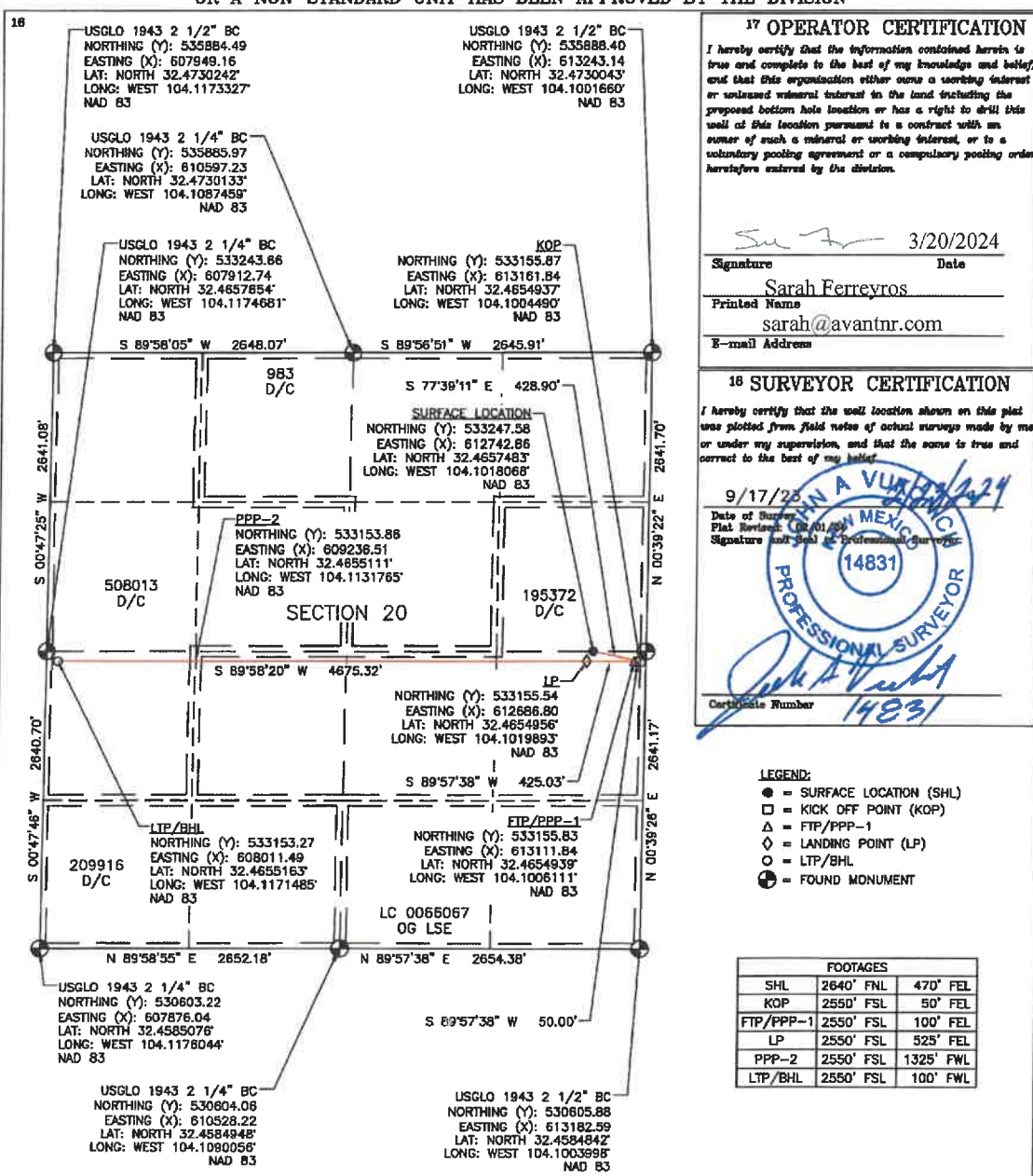
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	20	21 S	28 E		2640	NORTH	470	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	21 S	28 E		2550	SOUTH	100	WEST	EDDY

¹² Dedicated Acres 480 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
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DISTRICT II
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DISTRICT III
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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

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Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number		*Pool Code 24300	*Pool Name FENTON;BONE SPRING
*Property Code	*Property Name LITTLE BETTY 20		*Well Number 304H
*OGRID No. 330396	*Operator Name AVANT OPERATING, LLC		*Elevation 3218

10 Surface Location

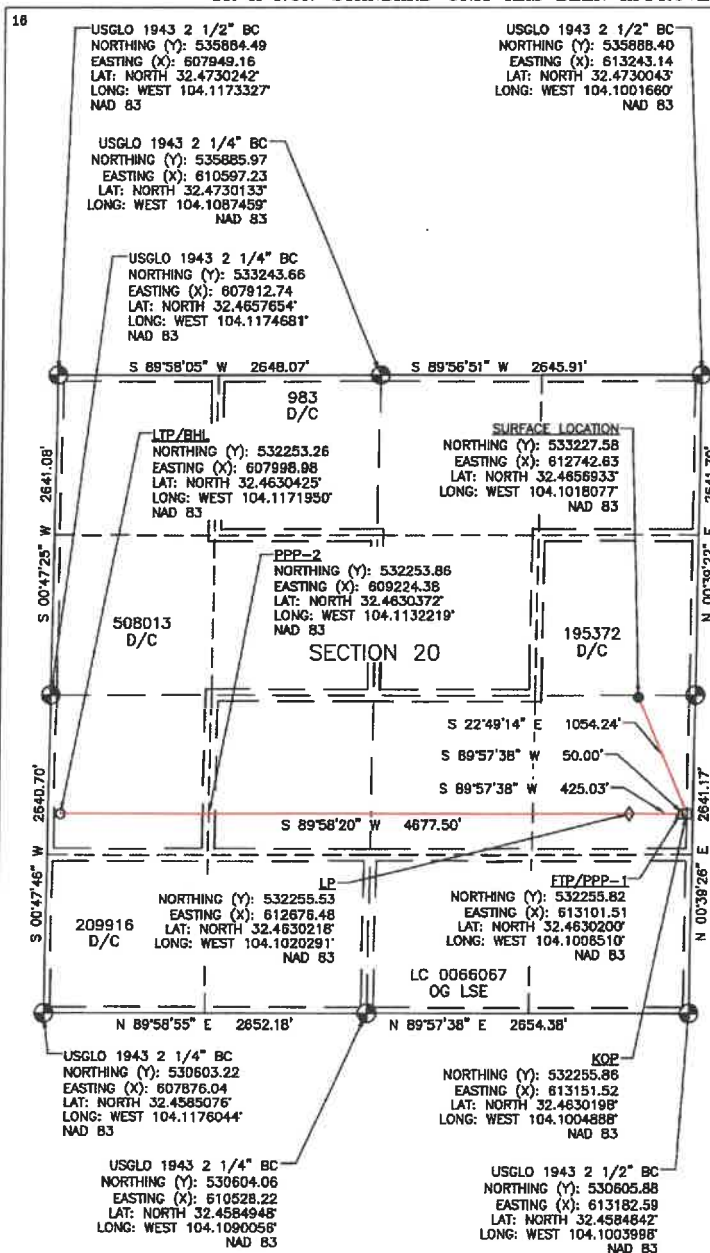
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	20	21 S	28 E		2622	SOUTH	470	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	21 S	28 E		1650	SOUTH	100	WEST	EDDY

*Dedicated Acres 480 ACRES	*Joint or Infill	*Consolidation Code	*Order No.
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17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Date
3/20/2024

Sarah Ferreyros
Printed Name
sarah@avantnr.com
E-mail Address

18 SURVEYOR CERTIFICATION

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

9/17/23

Date of Survey
Flat Number
Signature of Professional Surveyor

JOHN B. VUKOBICH
NEW MEXICO
14831
PROFESSIONAL SURVEYOR
Certificate Number 14831

LEGEND:

- = SURFACE LOCATION (SHL)
- = KICK OFF POINT (KOP)
- △ = FTP/PPP-1
- ◇ = LANDING POINT (LP)
- = LTP/BHL
- ⊙ = FOUND MONUMENT

	FOOTAGES
SHL	2622' FSL 470' FEL
KOP	1650' FSL 50' FEL
FTP/PPP-1	1650' FSL 100' FEL
LP	1650' FSL 525' FEL
PPP-2	1650' FSL 1325' FWL
LTP/BHL	1650' FSL 100' FWL

DISTRICT I
1825 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
511 S. First St., Artesia, N.M. 88210
Phone: (575) 746-1263 Fax: (575) 746-9720

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

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Submit one copy to appropriate
District Office

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

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

¹ API Number	² Pool Code 24300	³ Pool Name FENTON;BONE SPRING
⁴ Property Code	⁵ Property Name LITTLE BETTY 20	⁶ Well Number 50IH
⁷ OGRD No. 330396	⁸ Operator Name AVANT OPERATING, LLC	⁹ Elevation 3224

¹⁰ Surface Location

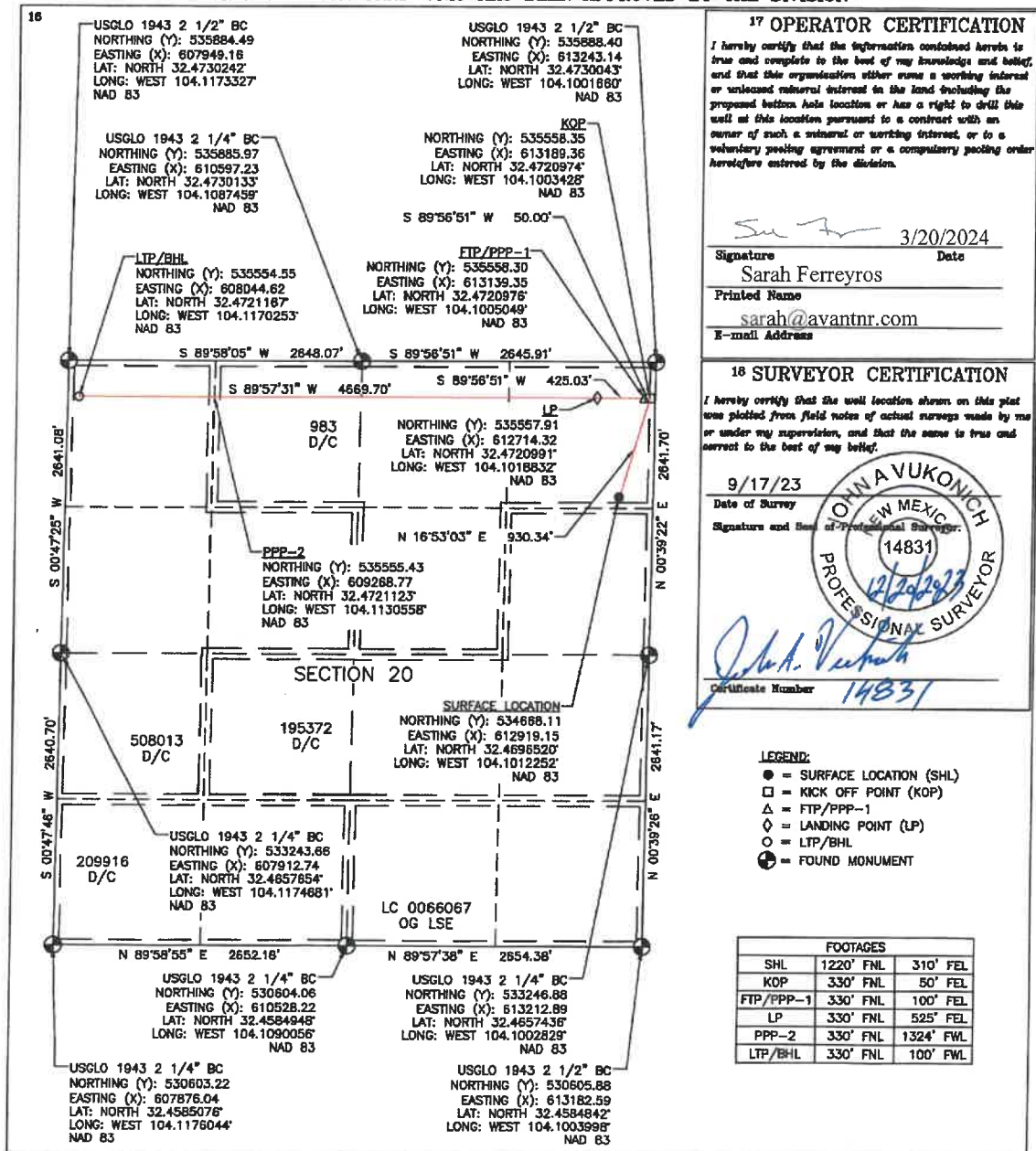
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	21 S	28 E		1220	NORTH	310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	21 S	28 E		330	NORTH	100	WEST	EDDY

¹² Dedicated Acres 480 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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DISTRICT III
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DISTRICT IV
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State of New Mexico
Energy, Minerals & Natural Resources Department

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

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Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number	*Pool Code 24300	*Pool Name FENTON,BONE SPRING
*Property Code	*Property Name LITTLE BETTY 20	*Well Number 502H
*OGRD No. 330396	*Operator Name AVANT OPERATING, LLC	*Elevation 3221

10 Surface Location

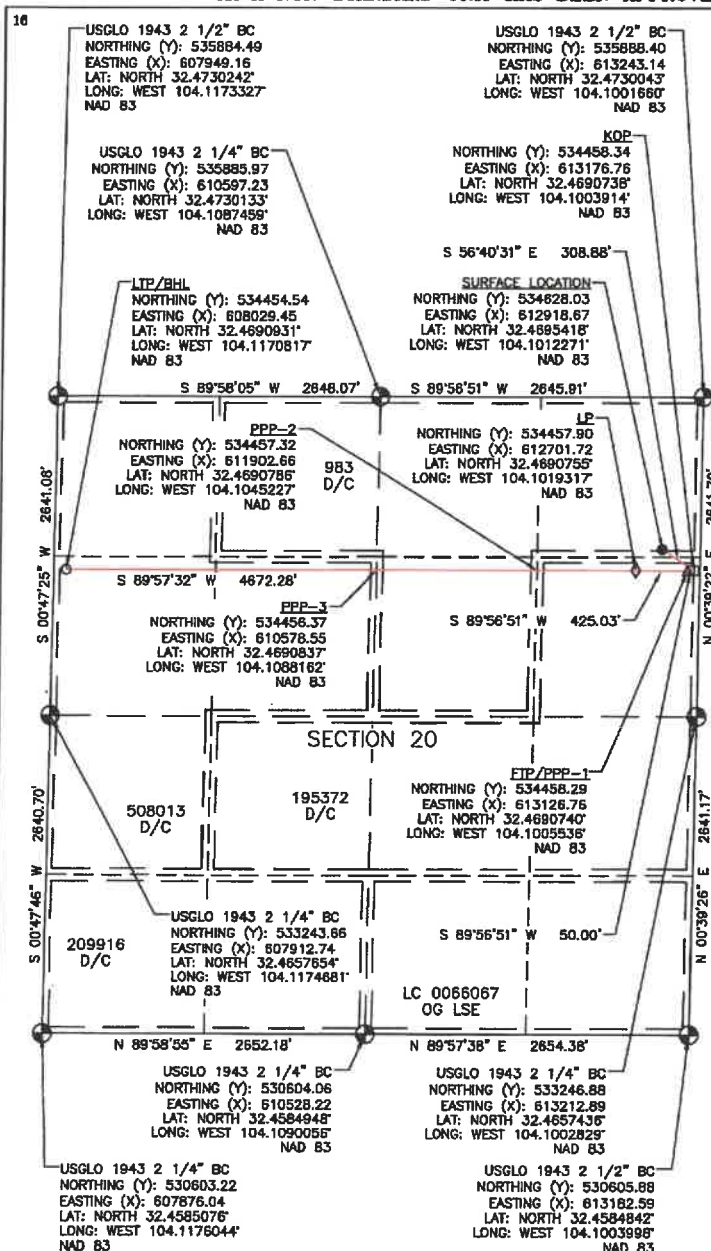
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	21 S	28 E		1260	NORTH	310	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	21 S	28 E		1430	NORTH	100	WEST	EDDY

*Dedicated Acres 480 ACRES	*Joint or Infill	*Consolidation Code	*Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Sarah Ferreiros Date: 3/20/2024
Printed Name: Sarah Ferreiros
E-mail Address: sarah@avantnr.com

18 SURVEYOR CERTIFICATION

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

Date of Survey: 9/17/23

Signature and Seal of Professional Surveyor

14831

12/24/2023

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LEGEND:

- = SURFACE LOCATION (SHL)
- = KICK OFF POINT (KOP)
- △ = FTP/PPP-1
- ◇ = LANDING POINT (LP)
- = LTP/BHL
- ⊕ = FOUND MONUMENT

FOOTAGES		
SHL	1260' FNL	310' FEL
KOP	1430' FNL	50' FEL
FTP/PPP-1	1430' FNL	100' FEL
LP	1430' FNL	525' FEL
PPP-2	1430' FNL	1324' FEL
PPP-3	1430' FNL	2848' FEL
LTP/BHL	1430' FNL	100' FNL

DISTRICT I
1635 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-8101 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
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DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
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DISTRICT IV
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Phone: (505) 476-3400 Fax: (505) 476-3402

State of New Mexico
Energy, Minerals & Natural Resources Department

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

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

¹ API Number	² Pool Code 24300	³ Pool Name FENTON;BONE SPRING
⁴ Property Code	⁵ Property Name LITTLE BETTY 20	⁶ Well Number 503H
⁷ OGRID No. 330396	⁸ Operator Name AVANT OPERATING, LLC	⁹ Elevation 3221

¹⁰ Surface Location

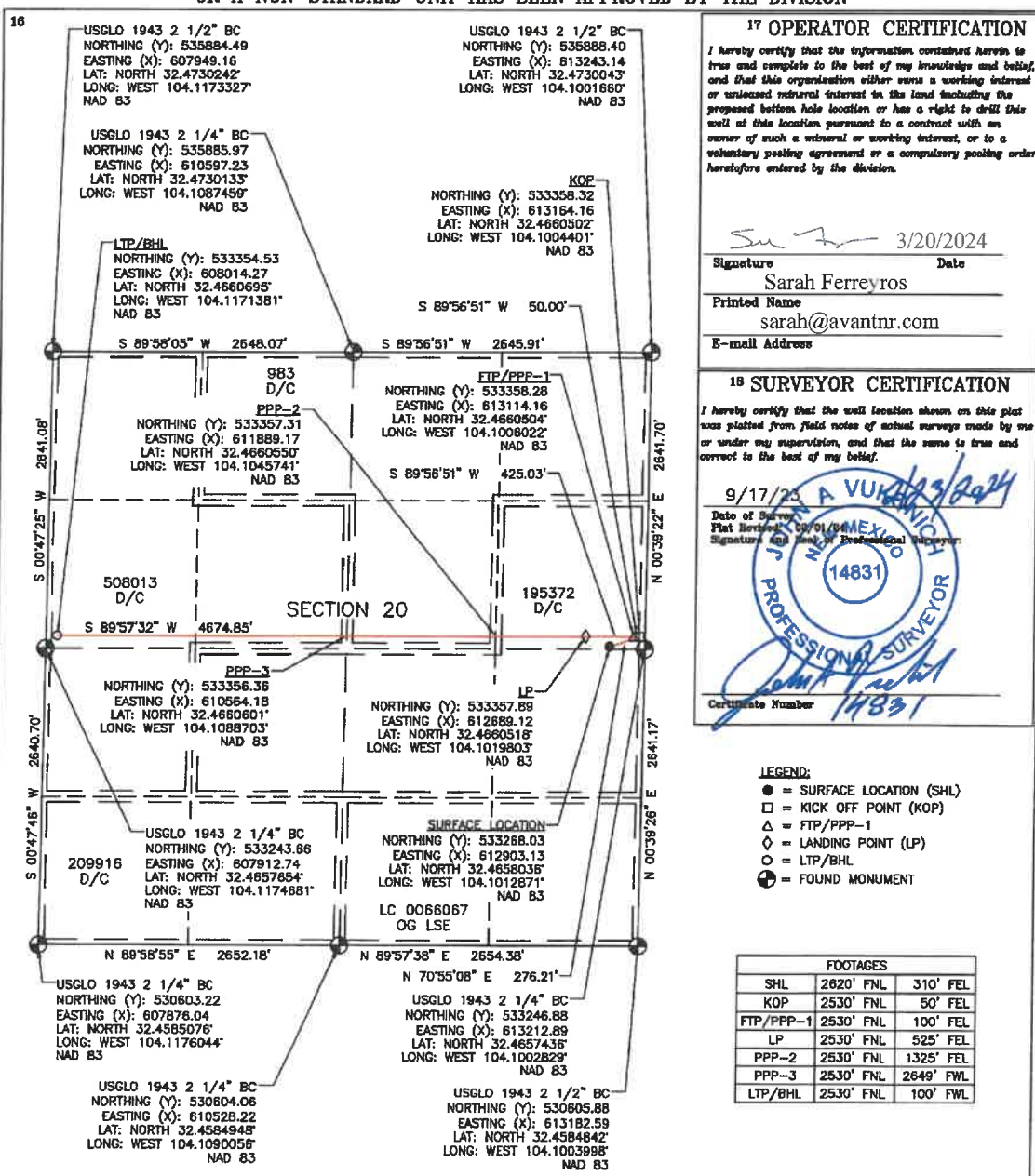
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	20	21 S	28 E		2620	NORTH	310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	21 S	28 E		2530	NORTH	100	WEST	EDDY

¹² Dedicated Acres 480 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
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DISTRICT II
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DISTRICT III
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	⁸ Pool Code 24300	⁹ Pool Name FENTON, BONE SPRING
⁴ Property Code	⁵ Property Name LITTLE BETTY 20	⁷ Well Number 504H
⁶ GRID No. 330396	³ Operator Name AVANT OPERATING, LLC	² Elevation 3220

¹⁰ Surface Location

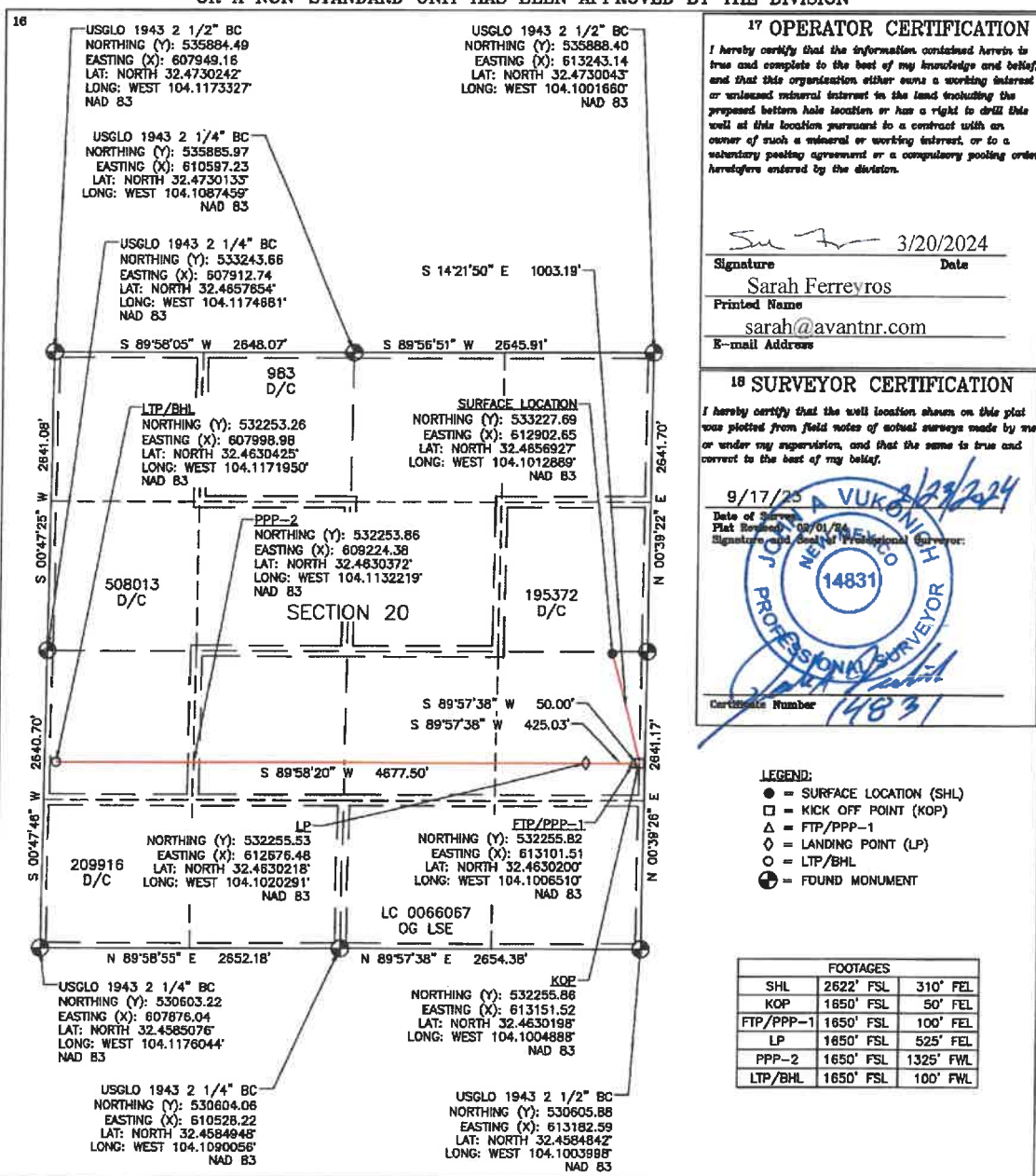
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	20	21 S	28 E		2622	SOUTH	310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	21 S	28 E		1650	SOUTH	100	WEST	EDDY

¹² Dedicated Acres 480 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--	-------------------------------	----------------------------------	-------------------------

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DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 383-6161 Fax: (575) 383-0720

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

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

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505
Phone: (505) 478-3480 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102

Revised August 1, 2011

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

Submit one copy to appropriate
District Office

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

¹ API Number	² Pool Code 24300	³ Pool Name FENTON;BONE SPRING
⁴ Property Code	⁵ Property Name LITTLE BETTY 20	⁶ Well Number 65IH
⁷ OGRID No. 330396	⁸ Operator Name AVANT OPERATING, LLC	⁹ Elevation 3222

¹⁰ Surface Location

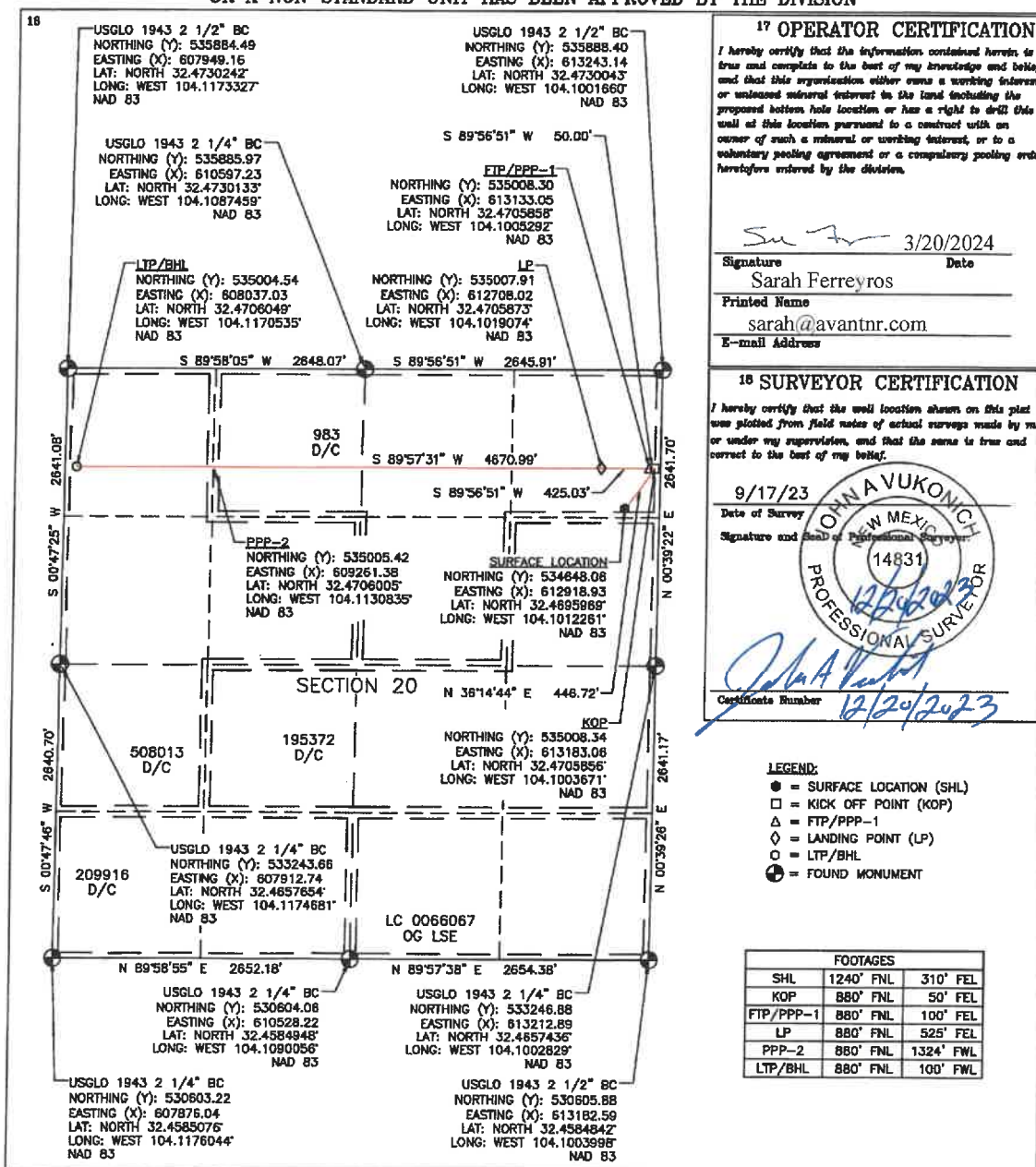
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	21 S	28 E		1240	NORTH	310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	21 S	28 E		880	NORTH	100	WEST	EDDY

¹² Dedicated Acres 480 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
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Energy, Minerals & Natural Resources Department

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

Form C-102

Revised August 1, 2011

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

¹ API Number	² Pool Code 24300	³ Pool Name FENTON;BONE SPRING
⁴ Property Code	⁵ Property Name LITTLE BETTY 20	⁶ Well Number 652H
⁷ OGRID No. 330396	⁸ Operator Name AVANT OPERATING, LLC	⁹ Elevation 3221

¹⁰ Surface Location

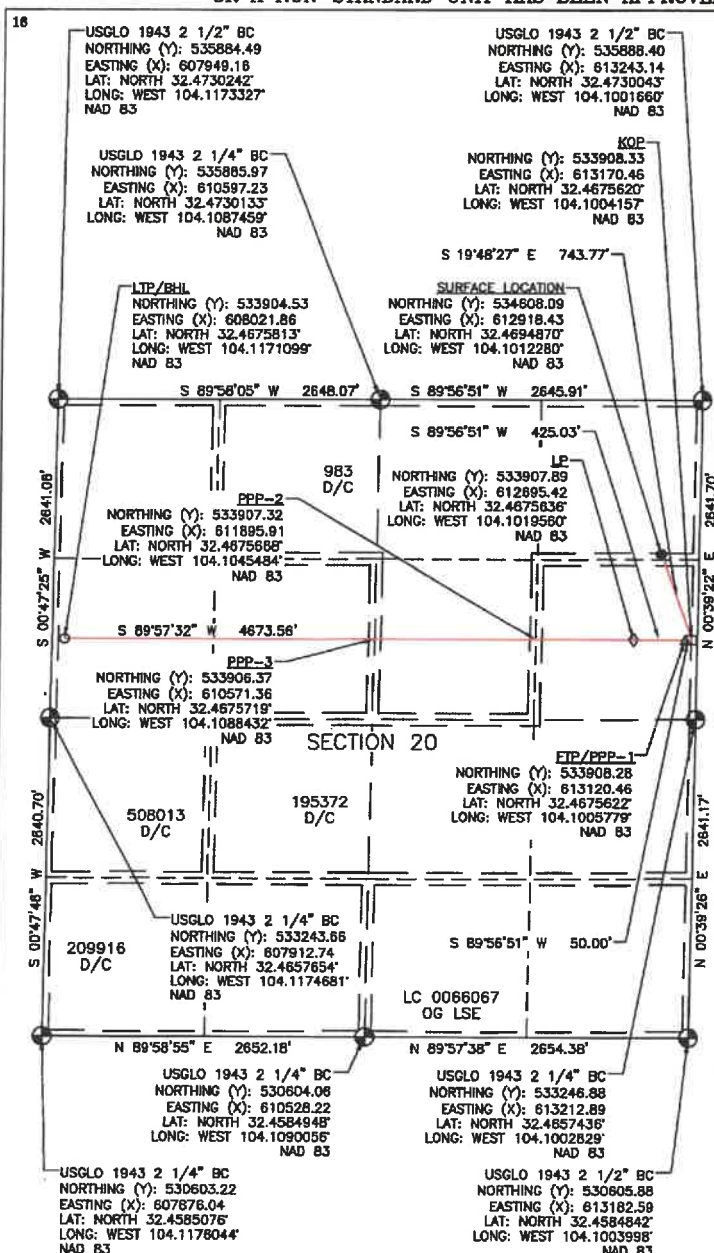
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	21 S	28 E		1280	NORTH	310	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	20	21 S	28 E		1980	NORTH	100	WEST	EDDY

¹² Dedicated Acres 480 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *Sarah Ferrevros* Date: 3/20/2024
Printed Name: Sarah Ferrevros
E-mail Address: sarah@avantnr.com

¹⁸ SURVEYOR CERTIFICATION

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

Date of Survey: 9/17/23
Signature and Seal of Professional Surveyor: *John A. Vukonich*
Certificate Number: 14831

LEGEND:

- = SURFACE LOCATION (SHL)
- = KICK OFF POINT (KOP)
- △ = FTP/PPP-1
- ◇ = LANDING POINT (LP)
- = LTP/BHL
- ⊙ = FOUND MONUMENT

FOOTAGES		
SHL	1280' FNL	310' FEL
KOP	1980' FNL	50' FEL
FTP/PPP-1	1980' FNL	100' FEL
LP	1980' FNL	525' FEL
PPP-2	1980' FNL	1324' FEL
PPP-3	1980' FNL	2849' FEL
LTP/BHL	1980' FNL	100' FWL

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1220 S. St. Francis Dr., Santa Fe, N.M. 87505
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State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 24300		3 Pool Name FENTON;BONE SPRING	
4 Property Code		5 Property Name LITTLE BETTY 20			6 Well Number 653H
7 GRID No. 33396		8 Operator Name AVANT OPERATING, LLC			9 Elevation 3220

10 Surface Location

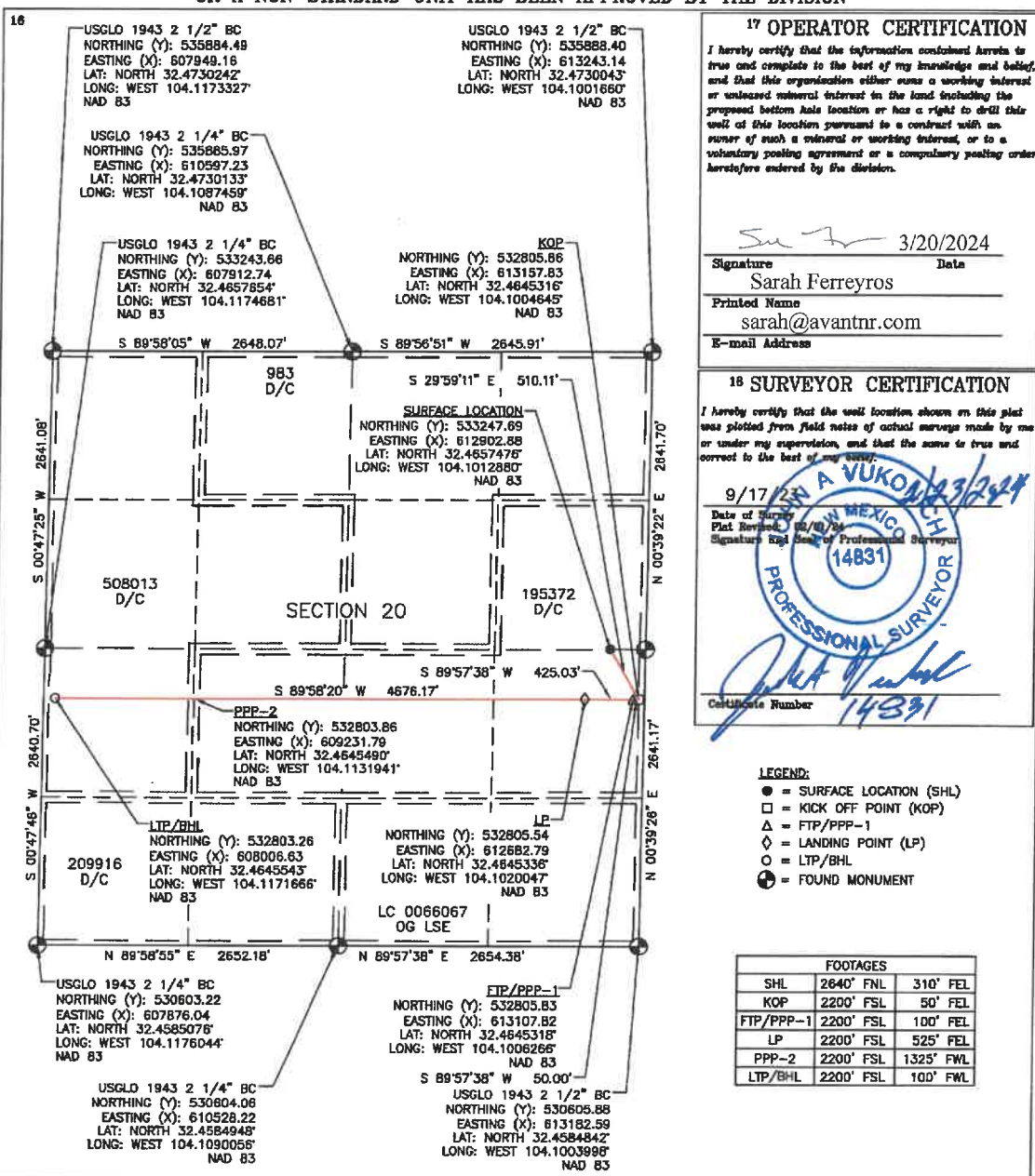
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	20	21 S	28 E		2640	NORTH	310	EAST	EDDY

11 Bottom Hole Location If Different From Surface

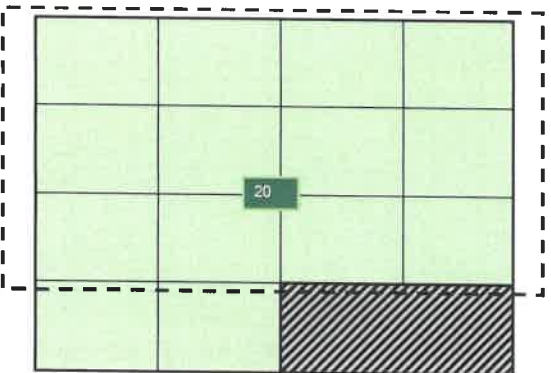
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	21 S	28 E		2200	SOUTH	100	WEST	EDDY


12 Dedicated Acres 480 ACRES					13 Joint or Infill		14 Consolidation Code		15 Order No.	
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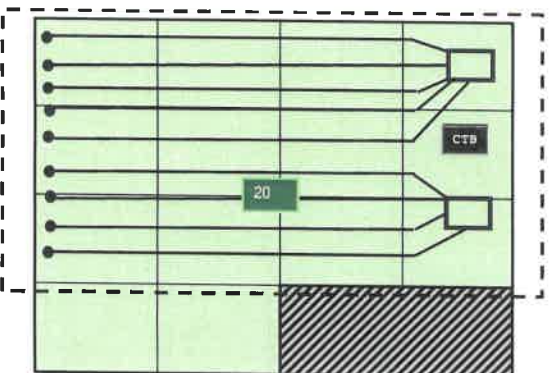



Township 21 South Range 28 East, Section 20: N2, N2SE, N2SW
Eddy County, NM (containing 480-acres)



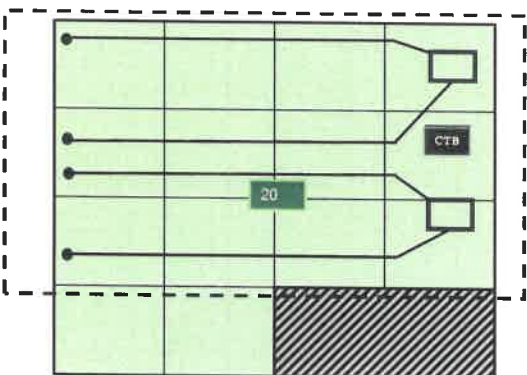
 Proposed NSU

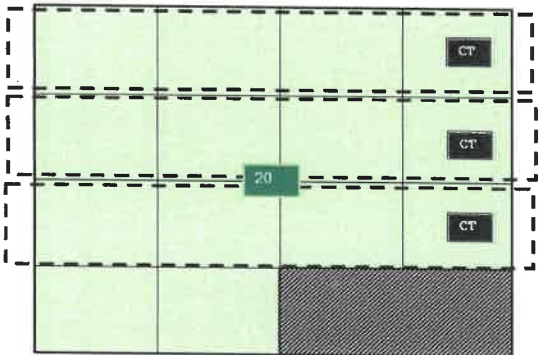
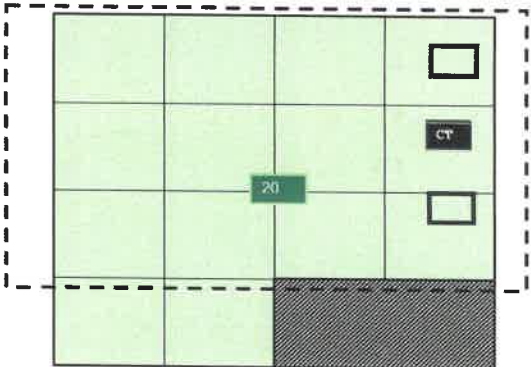
Bone Spring



 Proposed Laterals

Wolfcamp





Little Betty 20 Bone Spring Well List and Pool and Pool Code

Pool & Pool Code: Fenton; Bone Spring pool (Pool Code: 24300)

Wells:

- Little Betty 20 301H well (API pending)
- Little Betty 20 302H well (API pending)
- Little Betty 20 303H well (API pending)
- Little Betty 20 304H well (API pending)
- Little Betty 20 501H well (API pending)
- Little Betty 20 502H well (API pending)
- Little Betty 20 503H well (API pending)
- Little Betty 20 504H well (API pending)
- Little Betty 20 651H well (API pending)
- Little Betty 20 652H well (API pending)
- Little Betty 20 653H well (API pending)



AVANT

NATURAL RESOURCES

March 25th, 2024

VIA E-FILING

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

Re: Application of Avant Operating, LLC for administrative approval of a 480-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised of the N/2 and the N/2S/2 of Section 20, Township 21 South, Range 28 East, Eddy County, New Mexico.

Dear Director Fuge/OCD Engineering Bureau:

Avant Operating, LLC ("Avant"), OGRID Number 330396, respectfully requests administrative approval of a 480-acre, more or less, non-standard unit ("NSU") comprised of the N/2 and the N/2S/2 of Section 20, Township 21 South, Range 28 East, Eddy County, New Mexico. Avant owns 100% of the interests within the proposed NSU, which is comprised entirely of fee leases. The NSU would be dedicated to the following wells (the "Wells"):

- Little Betty 20 301H well (API pending)
- Little Betty 20 302H well (API pending)
- Little Betty 20 303H well (API pending)
- Little Betty 20 304H well (API pending)
- Little Betty 20 501H well (API pending)
- Little Betty 20 502H well (API pending)
- Little Betty 20 503H well (API pending)
- Little Betty 20 504H well (API pending)
- Little Betty 20 651H well (API pending)
- Little Betty 20 652H well (API pending)
- Little Betty 20 653H well (API pending)

The Wells will be completed within the Fenton; Bone Spring pool (Pool Code: 24300). This pool is an oil pool and it follows the statewide spacing rules.

In this NSU application, Avant seeks approval of a single 480-acre unit. Without the NSU approval, Avant would have three separate 160-acre units. Avant has determined that a single 480-acre unit is preferable to three 160-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 well spacing and will allow Avant to commingle production. Avant is also submitting an application for a NSU for its Little Betty Wolfcamp wells.

Conversely, if Avant's NSU application is not approved, Avant will need to construct additional flowlines and two additional central tank batteries. I have included as Exhibit C-1 a comparison of the facilities needed for a non-standard unit and the additional required infrastructure needed if Avant has to develop the Wells using standard spacing.

Exhibit C-2 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 6.5 acres 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 two additional central tank batteries, which reduces permitted fugitive VOC emissions, spill risk, and flares. In addition, total capital costs would be significantly reduced.

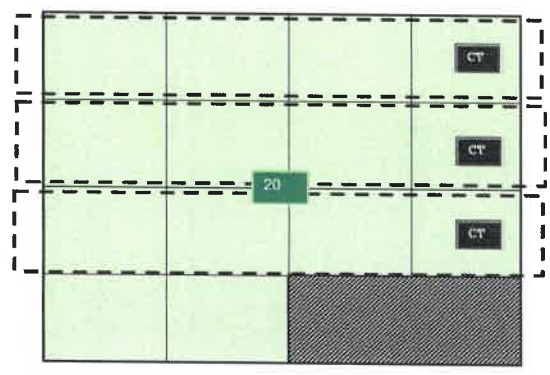
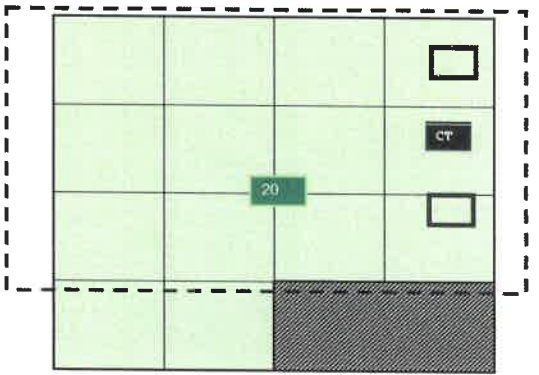
In my opinion, approval of the NSU is in the best interest of conservation, prevention of waste, and protection of correlative rights.

Thank you for your consideration. Should you have any questions please contact me at shane@avantnr.com or 817-915-9336.

Sincerely,



Shane Kelly
Reservoir Engineer
Avant Operating, LLC



Scenario	Design Basis Per CTB (BPOD)	CTB Cost (\$M)	Pipeline/Utilities Cost (\$M)	Total Capital (\$M)	CTB and Pipeline Disturbance (Acres)
Three Separate 3 well Facilities	1,800	\$13,300	\$4,000	\$17,300	10.5
Single Pooled Facility	5,500	\$5,000	\$1,500	\$6,500	4
SAVINGS		\$8,300	\$2,500	\$10,800	6.5





March 25, 2024

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL

TO AFFECTED PARTIES

Re: Applications of Avant Operating, LLC for administrative approval of Bone Spring and Wolfcamp 480-acre, more or less, non-standard spacing units comprised of the N/2 and the N/2S/2 of Section 20, Township 21 South, Range 28 East, Eddy County, New Mexico.


Dear Sir or Madam:

Enclosed is a copy of the above referenced applications filed with the New Mexico Conservation Division on this date. Any objections that you have to this applications 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 application. If no objection is received within this twenty-day period, the application may be approved administratively by the Division.

If you have any questions concerning this application, please contact:

Shane Kelly
Reservoir Engineer
Avant Operating, LLC
shane@avantnr.com
(817) 915-9336

Sincerely,


Deana M. Bennett
Attorney for Avant Operating, LLC

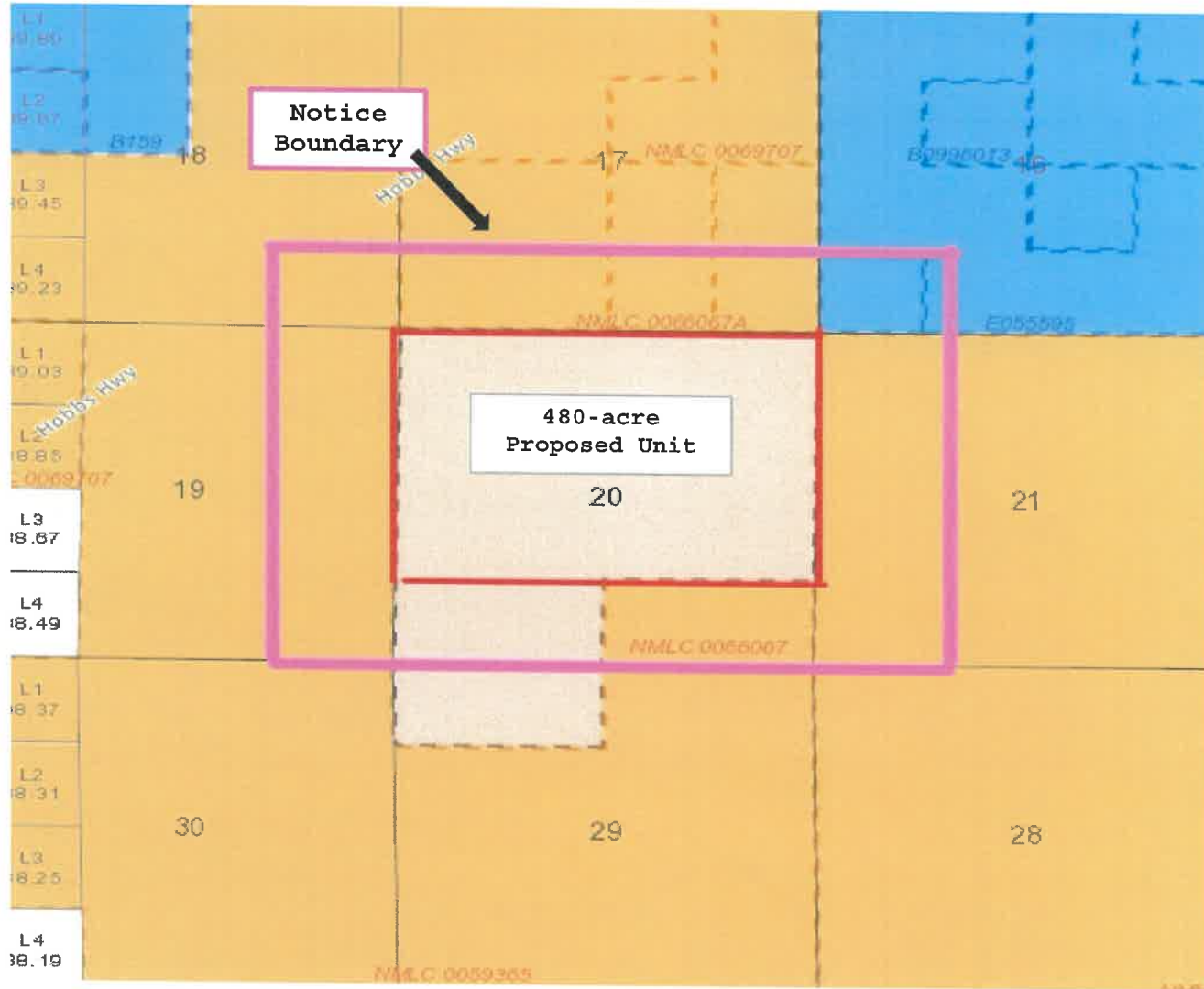
Modrall Sperling
Roehl Harris & Sisk P.A.

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





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

PS Form 3877
Type of Mailing: CERTIFIED MAIL
03/25/2024

Firm Mailing Book ID: 262931

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0119 0188 60	State of New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	\$1.87	\$4.40	\$2.32	\$0.00	10375.0002. Notice
2	9314 8699 0430 0119 0188 77	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$1.87	\$4.40	\$2.32	\$0.00	10375.0002. Notice
3	9314 8699 0430 0119 0188 84	XTO Energy, Inc. 22777 Springwoods Village Pkwy Spring TX 77389	\$1.87	\$4.40	\$2.32	\$0.00	10375.0002. Notice
Totals:			\$5.61	\$13.20	\$6.96	\$0.00	
Grand Total:						\$25.77	

List Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster: Name of receiving employee	Dated:
3			

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 326558

CONDITIONS

Operator: Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 330396
	Action Number: 326558
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	3/26/2024