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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: <u>Coterra Energy Operating Co.</u>	OGRID Number: <u>252846</u>
Well Name: <u>Little Betty 20 - Various</u>	API: <u>Various - See Attached C-102s</u>
Pool: <u>Fenton; Bone Spring & Lone Tree; Wolfcamp</u>	Pool Code: <u>24300 and 97208</u>

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

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

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

FOR OCD ONLY

- ☐ Notice Complete
- ☐ Application
Content
Complete

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

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

Phillip G. Levasseur

Print or Type Name

Signature

6/19/2025

Date

(432) 630 - 1642

Phone Number

phillip.levasseur@coterra.com

e-mail Address

BEATTY & WOZNIAK, P.C.

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500 DON GASPAR AVENUE
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ALSO ADMITTED IN ND, UT

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JEVERHART@BWENERGYLAW.COM

August 12, 2025

VIA ONLINE FILING

Albert Chang, Division Director
Oil Conservation Division
New Mexico Department of Energy, Minerals and Natural Resource
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Attention: Sarah Clelland

Re: Application of Coterra Energy Operating Co. for administrative approval to surface commingle (pool and lease) oil and gas production from spacing units underlying the N/2 and N/2 S/2 of Section 20 of T21S, R28E, N.M.P.M., Eddy County, New Mexico (the "Lands")

Dear Mr. Razatos:

Coterra Energy Operating Co. (OGRID No. 252846) ("Coterra"), pursuant to 19.15.12.10 NMAC, seeks administrative approval to surface commingle (pool and lease) oil and gas production at the **Little Betty 20 Central Tank Battery ("CTB")** *insofar as all existing and future wells drilled in the following spacing units:*

- (1) The 480-acre spacing unit comprised of the N2 and N2S2 of Section 20, Township 21 South, Range 28 East, NMNM Eddy County, NM, currently dedicated to the following wells:
- a. **Little Betty 20 501H** (API 30-015-55329)
 - i. Pool: Fenton, Bone Spring (24300)
 - ii. Lease No.:
 - 1. Fee (multiple leases)
 - b. **Little Betty 20 502H** (API 30-015-55346)
 - i. Pool: Fenton, Bone Spring (24300)
 - ii. Lease No.:
 - 1. Fee (multiple leases)

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August 12, 2025

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- c. **Little Betty 20 503H** (API 30-015-55347)
 - i. Pool: Fenton, Bone Spring (24300)
 - ii. Lease No.:
 - 1. Fee (multiple leases)
 - d. **Little Betty 20 504H** (API 30-015-55348)
 - i. Pool: Fenton, Bone Spring (24300)
 - ii. Lease No.:
 - 1. Fee (multiple leases)
- (2) The 480-acre spacing unit comprised of the N2 and N2S2 of Section 20, Township 21 South, Range 28 East, NMNM Eddy County, NM, currently dedicated to the following wells:
- a. **Little Betty 20 701H** (API 30-015-54871)
 - i. Pool: Lone Tree Draw, Wolfcamp (97208)
 - ii. Lease No.:
 - 1. Fee (multiple leases)
 - b. **Little Betty 20 702H** (API 30-015-54872)
 - i. Pool: Lone Tree Draw, Wolfcamp (97208)
 - ii. Lease No.:
 - 1. Fee (multiple leases)
 - c. **Little Betty 20 703H** (API 30-015-54870)
 - i. Pool: Lone Tree Draw, Wolfcamp (97208)
 - ii. Lease No.:
 - 1. Fee (multiple leases)
 - d. **Little Betty 20 704H** (API 30-015-54873)
 - i. Pool: Lone Tree Draw, Wolfcamp (97208)
 - ii. Lease No.:
 - 1. Fee (multiple leases)

Oil and gas production from these spacing units will be commingled and sold on-lease at the **Little Betty 20 Central Tank Battery** located in the SE/4NE/4 of Section 20, Township 21 South, Range 28 East, N.M.P.M. Eddy County, NM. Each well has a Coriolis meter to measure the volume of oil produced by the well for allocation purposes. Each well will also have gas allocation meters. Production from the wellbores will flow into a wellhead test separator, which will separate oil, gas, and water. Gas production from the separators will be individually metered with a calibrated orifice meter that is manufactured to AGA specifications and meets API 14.3.2 standard.

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August 12, 2025

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Exhibit 1 is a land plat, lease table, and lease map showing Coterra's current development plan, well pads, and the facility measurement point. The plat also identifies the wellbores and lease/spacing unit boundaries.

Exhibit 2 is a completed Form C-107B, the proposed allocation and measurement procedures, a statement from *Shane Brannan, Production Engineer*, with Coterra, identifying the facilities and the measurement devices to be utilized, an impacted lease map (Attachment A to the statement) a detailed schematic of the surface facilities (Exhibit B to the statement), and an example gas analysis (Exhibit C to the statement).

Exhibit 3 is a statement from Dylan Park, *Land Advisor*, with Coterra certifying that the ownership in the pools and leases to be commingled are identical.

Exhibit 4 is a C-102 for each of the wells currently permitted or drilled within the existing spacing units.

Exhibit 5 is a list of interest owners (including any owners of royalty or overriding royalty interests) affected by this application, an example of the letters sent by certified mail advising the interest that any objections must be filed in writing with the Division within 20 days from the date the Division receives this application, and proof of mailing.

Thank you for your time and attention to this matter. Please let me know if you require additional information.

Very truly yours,

BEATTY & WOZNIAK, P.C.

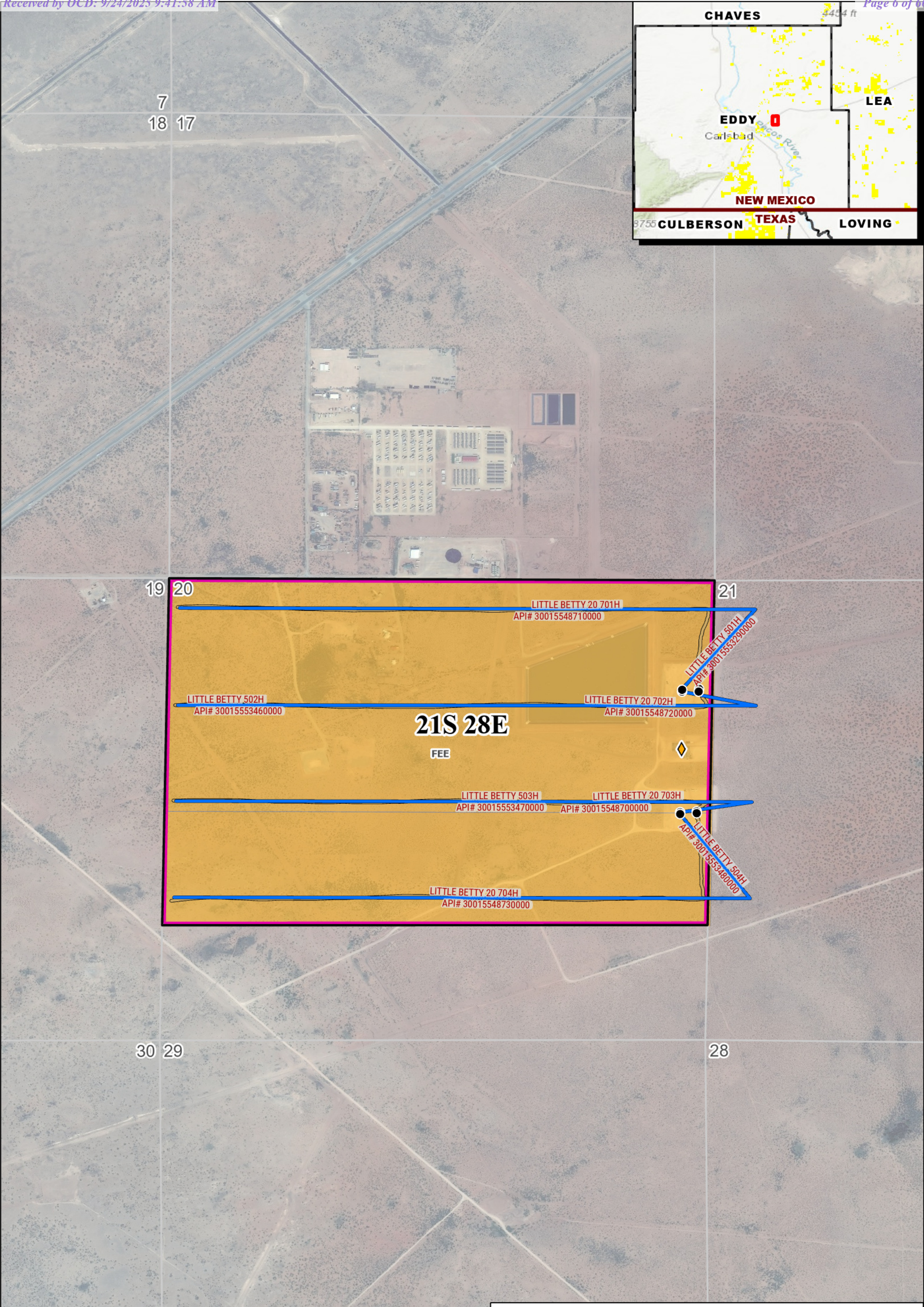


Miguel Suazo

Jacob L. Everhart

Attorney(s) for Coterra Energy Operating Co.

Exhibit 1



Little Betty 20
501H, 502H, 503H, 504H, 701H, 702H, 703H, 704H
EDDY COUNTY, NM

Scale: 1:12,000

CRS: NAD 1983 StatePlane New Mexico East

Date: 8/2/2025

Author: Holland-LR

●	OPERATED WELLS - SL	METER LOCATIONS	LEASEHOLD
	BONE SPRING	FMP	FEE
	WOLFCAMP		
	C-102		

Exhibit 2

Santa Fe Main Office
Phone: (505) 476-3441
General Information
Phone: (505) 629-6116

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

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

OIL CONSERVATION DIVISION

1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Coterra Energy Operating Co.

OPERATOR ADDRESS: 6001 Deauville Blvd 300N Midland, TX 79706

APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingling)

LEASE TYPE: ☒ Fee ☐ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

☐ Yes ☒ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes
Fenton; Bone Spring [24300]	45 deg	45 deg / 1320 btu/cf	\$61.91 / bbl	2,100 bopd
Fenton; Bone Spring [24300]	1,310 btu/cf		(Q2 2025 strip price)	5,600 mcf
Lone tree Draw; Wolfcamp [97208]	45 deg		\$1.58 / mcf	570 bopd
Lone tree Draw; Wolfcamp [97208]	1,330 btu/cf		(Q2 2025 strip price)	2,600 mcf

(2) Are any wells producing at top allowables? ☐ Yes ☒ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code.

(2) Is all production from same source of supply? ☐ Yes ☒ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attach sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☒ No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE: Regulatory Compliance Manager

DATE: June 19, 2025

TYPE OR PRINT NAME Phillip G. Levasseur

TELEPHONE NO.: (432) 620-1642

E-MAIL ADDRESS: phillip.levasseur@coterra.com

										
Application for Commingling and Allocation Approval										
Exhibit 1										
Lease Table										
LITTLE BETTY 20 Wells										
Section 20, Township 21 South, Range 28 East										
Well Name	Well Number	API	Field; Formation	Legal Description	Interest Type	Lease(s)	Royalty Rate	Acres	% of Interest	Product(s) Commingled
LITTLE BETTY 20	501H	30-015-55329	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	502H	30-015-55346	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	503H	30-015-55347	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	504H	30-015-55348	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	701H	30-015-54871	LONETREE DRAW, WOLFCAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	702H	30-015-54872	LONETREE DRAW, WOLFCAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	703H	30-015-54870	LONETREE DRAW, WOLFCAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	704H	30-015-54873	LONETREE DRAW, WOLFCAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 480 ACRES	FEE	MULTIPLE	MULTIPLE	480.00	100.0000%	Oil, Gas, Water
Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.										



Coterra Energy Inc.
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Midland, TX 79706

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coterra.com

Little Betty 20 Central Tank Battery
Allocation Details – Oil – Gas – Water
Prorated Allocation
Gas Allocation Details – Exhibit 4

This CTB has a FMP meter that measures gas leaving the CTB for final sales and production volumes. Each well has allocation meters, separator meter and a GL meter that measure produced volumes and injected volumes at the wellhead.

- Facility Measurement Point Meters (FMP)
 - CTB Gas Sales - Sales meter that measures the volume of gas that leaves the CTB.
 - HP Flare meter measures the volume of HP gas that is flared at the CTB.
 - LP Flare meter measures the volume of LP gas that is flared at the CTB.
- Allocation Meters
 - Separator (Sep) meters measures the volumes of oil, gas, and water coming off the separators.
 - Gas Lift (GL) meter measures the volume of gas that was injected into the well for gas lift.

Allocation process:

- Separate meters measure the well production.
- Theoretical % is used for the allocation of sales. Allocation % calculated by Sep meter for each well/total Sep meter for all wells (CTB).
- Net CTB Gas Sales is volume of gas for royalty purposes, off lease gas is netted out of FMP meter volume. . This gives you the volume of gas for royalty purposes that was sold from the CTB.
- Net Well Gas Sales - Theoretical % for each well is multiplied by the Net CTB Gas Sales.
- GL Meter - Measures the volume of gas that was injected into the well for gas lift.
- GL Theoretical % used for the allocation of gas lift. Allocation % calculated by GL meter for each well/total GL meters.
- HP Flare is volume of high-pressure gas flared from the CTB, allocated to wells by Theoretical % for each well multiplied by the HP Flare Meter volume.
- LP Flare is volume of low-pressure gas flared from the CTB. LP Meter: VRU measured gas from the oil and water tanks.
 - LP Flare volumes are allocated based on allocated oil production for each well, such that LP Flare = Meter multiplied by the theoretical % of oil produced.
 - Each well's Coriolis meter (CM, for oil) measured volume/by sum of all CM measured volumes = Theoretical % oil volume.
- Well Allocated Production is all gas produced by the well and is calculated by adding Net Well Gas sales volume + HP Flare + LP Flare.
- CTB Allocated Production is gas produced by adding CTB gas sales + HP Flare meter + LP Flare meter.
- Total Net FMP Volumes is Net CTB Gas Sales + HP Flare meter + LP Flare meter.



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Little Betty 20 Central Tank Battery
Commingle Details – Oil – Gas – Water
Prorated Allocation
Oil Allocation Details – Exhibit 4

Each well has a Coriolis oil meter (CM) measuring the volume of oil produced by the well. This volume is used as the allocation point to prorate Allocated Production back to each well. The Theoretical % Available Sales volume is used as the allocation point to prorate CTB oil Sales (FMP) back to each well.

- Beginning Inventory comes from the previous accounting periods Ending Inventory for each well.
- Ending Inventory for each well is calculated by adding Beginning Inventory + Allocated Production – Total Sales volume.
- Beginning Tank Inventory – Wells Ending Inventory from previous accounting period.
- Ending Tank Inventory - CTB Ending Inventory multiplied by Theoretical %.
- CTB Beginning Inventory – CTB Ending Inventory from previous accounting period.
- CTB Ending Inventory – oil inventory not sold at accounting month close.
- CTB Oil Sales is the volume of oil sold through the FMP meter calculated by adding available for sale to the Beginning Inventory for each well.
- CTB Allocated production is volume of oil produced by the CTB and is calculated by Ending Tank Inventory + CTB Oil Sales (FMP) – Beginning Tank Inventory.
- CTB Available Oil for Sale is calculated by CTB Oil Sale (FMP) + Beginning Tank Inventory.
- CM measures the wells oil production.
- Theoretical % is calculated by dividing each oil meter volume into the sum of oil meters.
- Well Allocated Production is the Theoretical % for each well multiplied by CTB Allocated Production.
- Well Available Sales is calculated by Well Allocated Production + Beginning Tank Inventory.
- Theoretical % Available Sales is calculated by dividing Well Available Sales/CTB Available Sales.



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Little Betty 20 Central Tank Battery
Commingle Details – Oil – Gas – Water
Prorated Allocation
Water Allocation Details – Exhibit 4

Each well has a water meter (WM) measuring the volume of water produced by the well. This volume is used as the allocation point to determine each wells allocated SW transferred off lease and Ending Inventory. There is also a meter on the SWD transfer pumps to measure volume sent to the water disposal system through the gathering system.

- CTB Beginning Inventory comes from previous accounting period's Ending Inventory.
- CTB Ending Inventory is calculated by adding CTB beginning inventory + Allocated Production – Total SW Transfer Volume.
- CTB SW Transfer meter – measures the volume of produced water that leaves the CTB.
- CTB Allocated Production is volume of water produced by the CTB and is calculated by CTB Ending Tank Inventory + CTB SWD Transfer – CTB Beginning Tank Inventory.
- WM measures the wells water production.
- Theoretical % is calculated WM volume / Sum of WM volume.
- Well Allocated Production is the calculated by Ending Tank Inventory + Well Allocated SW – Beginning Tank Inventory.
- Well Allocated SW is calculated by Theoretical % multiplied by CTB SW Transfer.
- Beginning Inventory comes from previous accounting period's allocated Ending Inventory for each well.
- Ending Inventory for each well is CTB Ending Inventory multiplied by Theoretical %.

NAME:		Little Betty 20 Central Tank Battery			
Well Name:		Number:			
LITTLE BETTY 20 501H		501H			
LITTLE BETTY 20 502H		502H			
LITTLE BETTY 20 503H		503H			
LITTLE BETTY 20 504H		504H			
LITTLE BETTY 20 701H		701H			
LITTLE BETTY 20 702H		702H			
LITTLE BETTY 20 703H		703H			
LITTLE BETTY 20 704H		704H			



Little Betty 20 Central Tank Battery

Allocated Gas Volumes for OGOR		Allocation Methodology Example	Exhibit 3
Meter ID		Unique ID number	
FMP	Facility Measurement Point	BLM approved point of royalty measurement	
CTB	Central Tank Battery	Group of wells producing into the same FMP	
WH Meter	Wellhead Meter	Volume from the orifice meter measuring the gas produced from each individual well	
Net Wellhead		WH meter - GL Meter/Well Gas Injection volume	
Theoretical %		Allocation % calculated by Well Meter for each well/total wellhead production for CTB	
Net Well Gas Sales		Theoretical % * Net CTB Gas Sales	
Well HP Flare	High Pressure Flare	Measures high pressure flare volume, allocation based on Theoretical % *HP Flare Meter volume (FMP)	
Well LP Flare	Low Pressure Flare	Measures the gas from the VRT - oil tanks, allocation based on theoretical % from oil allocation *LP Flare Meter volume (FMP)	
Well Allocated Production		Net Well Gas Sales + HP flare + LP Flare	
CTB Gas Sales		Gas Sales, meter that measures the gas volume that leaves the CTB	
HP Flare Meter		Measures high pressure flare volume	
LP Flare Meter		Measures low pressure flare volume	
CTB Allocated Production		CTB Gas Sales + HP flare + LP Flare	
Total Net FMP Volumes		Total Volume sold by Net CTB Gas Sales + HP Flare + LP Flare	

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Well Name	Meter ID	WH Meter	GL Meter/Well Gas Injection	Net Wellhead	Theoretical %	Net Well Gas Sales	Well HP Flare	Well LP Flare	Well Allocated Production
LITTLE BETTY 20 501H	501HXXXXG	1090	530	560	0.17	378.52	3.46	0.00	381.98
LITTLE BETTY 20 502H	502HXXXXG	1080	790	290	0.09	196.02	1.79	0.00	197.81
LITTLE BETTY 20 503H	503HXXXXG	400	130	270	0.08	182.50	1.67	0.00	184.17
LITTLE BETTY 20 504H	504HXXXXG	930	70	860	0.27	581.30	5.31	0.00	586.60
LITTLE BETTY 20 701H	701HXXXXG	340	90	250	0.08	168.98	1.54	0.00	170.52
LITTLE BETTY 20 702H	702HXXXXG	630	630	0	0.00	0.00	0.00	0.00	0.00
LITTLE BETTY 20 703H	703HXXXXG	1130	130	1000	0.31	675.93	6.17	0.00	682.10
LITTLE BETTY 20 704H	704HXXXXG	550	540	10	0.00	6.76	0.06	0.00	6.82
Well(s) Total		6150	2910	3240	1.00	2190	20	0	2210

Meter Info	Meter ID	Volume	SUMMARY	
CTB Gas Sales (FMP)	XXX CTBG	6870	6150	WH Meter: sum of the volume from the orifice meter measuring the gas produced from each individual well
Net CTB Gas Sales	XXXNG	2190	3240	Net WH: WH meter less GL Meter/Well Gas Injection volume (calculated number Gross Sales-Buy Back)
HP Flare Meter	XXXHPF	20	1.0	Theoretical%: Allocation % calculated by WH Meter for each well/total WH production for CTB (calculated number)
LP Flare Meter	XXXVRT	0	2190	Net Well Gas Sales: Theoretical % multiplied by Net CTB Gas Sales (calculated number)
CTB Allocated Production		2210	20	Well HP Flare: measures high pressure flare volume (input volume meter reading)
Total Net FMP Volumes		2210	0	Well LP Flare: measures low pressure flare volume (input volume meter reading)
			2210	CTB Allocated Production: CTB Gas Sales plus HP flare plus LP Flare(calculated number)



Little Betty 20 Central Tank Battery

Allocated Oil Volumes for OGOR		Allocation Methodology Example							Exhibit 3
Meter ID		Unique ID number							
CM	Coriolis Meter	Measures the oil from the seperator on each individual well. Used as a basis for prorating CTB Allocated Production.							
CTB	Central Tank Battery	Group of wells producing into the same FMP							
FMP	Facility Measurement Point	BLM approved point of royalty measurement							
Theoretical %		Allocation % calculated by CM volume for each well/total CM volume for all wells							
Well Allocated Production		Ending Inventory + Well Allocated Oil Sales - Beginning Inventory							
Well Allocated Oil Sales	LACT Unit Sales	Theoretical % * CTB Oil Sales							
Beginning Inventory		Emdomg Inventory from previous accounting month							
Ending Inventory		Theoretical % * CTB Ending Inventory							
CTB Beginning Inventory		CTB Ending Inventory from previous accounting month							
CTB Ending Inventory		CTB Oil Inventory on hand at accounting month closing							
CTB Oil Sales (FMP)	LACT Unit Sales	CTB Oil Sales, meter that measures the oil volume that leaves the CTB - FMP							
CTB Oil Production		CTB Ending Inventory + CTB Oil Sales - CTB Beginning Inventory							
Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.									
Well Name	Meter ID	Oil Meter	Theoretical %	Well Allocated Production	Well Allocated Oil Sales	Beginning Tank Inventory	Ending Tank Inventory		
LITTLE BETTY 20 501H	501HXXXXP	760	0.14	650.00	760.00	220	110		
LITTLE BETTY 20 502H	502HXXXXP	680	0.13	670.00	680.00	140	130		
LITTLE BETTY 20 503H	503HXXXXP	550	0.10	530.00	550.00	150	130		
LITTLE BETTY 20 504H	504HXXXXP	560	0.10	480.00	560.00	110	30		
LITTLE BETTY 20 701H	701HXXXXP	660	0.12	660.00	660.00		0		
LITTLE BETTY 20 702H	702HXXXXP	780	0.14	780.00	780.00		0		
LITTLE BETTY 20 703H	703HXXXXP	640	0.12	640.00	640.00		0		
LITTLE BETTY 20 704H	704HXXXXP	790	0.15	790.00	790.00		0		
Well(s) Total		5420	1.00	5200	5420	620	400		
CTB Summary		SUMMARY							
CTB Beginning Inventory	620	5420	Oil Meter: sum of all individual well meters for the commingled facility.						
CTB Ending Inventory	400	1.00	Theoretical %: individual wells percentage of total production for the month this is the basis for allocation (calculated number)						
CTB Oil Sales	5420	5200	Well Allocated Production: sum of Ending Inventory plus Well Allocated Oil Sales less Beginning Inventory						
CTB Oil Production	5200	Ending Inventory: sum of Beginning Inventory plus Well Allocation Production less Well Allocation Oil Sales							
		Well Allocated Oil Sales: Total Sales from the month							
		Beginning Inventory: Ending Inventory from previous accounting month							
		5420	Well Allocated Oil Sales: sum of all final sales for the facility (CTB Oil Sales) this is then allocated to each well based on the Theoretical %.						



Little Betty 20 Central Tank Battery

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

Well Name	Meter ID	Water Meter	Theoretical %	Well Allocated Production	Well Allocated SW	Beginning Tank Inventory	Ending Tank Inventory
LITTLE BETTY 20 501H	501HXXXXW	580	0.17	580.00	580.00	40	40
LITTLE BETTY 20 502H	502HXXXXW	330	0.09	300.00	330.00	50	20
LITTLE BETTY 20 503H	503HXXXXW	410	0.12	330.00	410.00	160	80
LITTLE BETTY 20 504H	504HXXXXW	400	0.11	360.00	400.00	90	50
LITTLE BETTY 20 701H	701HXXXXW	380	0.11	250.00	380.00	190	60
LITTLE BETTY 20 702H	702HXXXXW	590	0.17	500.00	590.00	110	20
LITTLE BETTY 20 703H	703HXXXXW	440	0.13	380.00	440.00	140	80
LITTLE BETTY 20 704H	704HXXXXW	360	0.10	350.00	360.00	110	100
Well(s) Total		3490	1.00	3050	3490	890	450
CTB Summary		SUMMARY					
CTB Beginning Inventory	890	3490	Water Meter: measures the water from the separator for each well				
CTB Ending Inventory	450	1.00	Theoretical %: Allocation % calculated by WH volume for each well/total WH volume for all wells				
CTB SW Transfer	3490	3050	Well Allocated Production: sum of Well Allocation SW volume plus Ending Inventory less Beginning Inventory				
CTB Allocated Production	3050		Ending Tank Inventory: Theoretical % multiplied by CTB Ending Inventory				
			Well Allocated SW: Theoretical % multiplied by CTB SW Transfer				
			Beginning Tank Inventory: Ending Inventory from previous accounting month				
		3490	Well Allocated Oil Sales: sum of all final sales for the facility (CTB Oil Sales) this is then allocated to each well based on the Theoretical %.				

June 23, 2025

Shane Brannan
Production Engineer

New Mexico Department of Energy, Minerals and Natural Resource
 1220 South Saint Francis Drive
 Santa Fe, New Mexico 87505

Re: Application of Coterra Energy Operating Co. for administrative approval to surface commingle (pool and lease) oil and gas production from spacing units underlying the N2 and N2S2 of Section 20, Township 21 South, Range 28 East, NMPM, Eddy County, New Mexico (the "Lands")

To Whom This May Concern,

Pursuant to this application, Coterra seeks approval to commingle production from the Fenton; Bone Spring (24300) and Lone Tree Draw; Wolfcamp (97208) formations in the N2 and N2S2 of Section 20, Township 21 South, Range 28 East, NMPM, Eddy County, New Mexico, as set forth herein.

Specifically, Coterra requests approval to commingle oil and gas production from eight (8) wells on the lands listed as follows:

										
Application for Commingling and Allocation Approval										
Exhibit 1										
Lease Table										
LITTLE BETTY 20 Wells										
Section 20, Township 21 South, Range 28 East										
Well Name	Well Number	API	Field/Formation	Legal Description	Interest Type	Lessee(s)	Royalty Rate	Acres	% of Interest	Product(s) Commingled
LITTLE BETTY 20	501H	30-015-33329	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	502H	30-015-33346	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	503H	30-015-33347	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	504H	30-015-33348	FENTON, BONE SPRING (24300)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	701H	30-015-34571	LONETREE DRAW, WOLF CAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	702H	30-015-34572	LONETREE DRAW, WOLF CAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	703H	30-015-34570	LONETREE DRAW, WOLF CAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water
LITTLE BETTY 20	704H	30-015-34573	LONETREE DRAW, WOLF CAMP (97208)	N2 AND N2S2 OF SEC. 20 T21S-R28E BEING 400 ACRES	FEE	MULTIPLE	MULTIPLE	400.00	100.0000%	Oil, Gas, Water

Coterra Energy Inc. is the result of a merger of Coterra Energy Co. and Sabot Oil & Gas Corporation on October 1, 2021.

This request for commingling will not negatively affect the royalty revenue of the federal or state government. Coterra will utilize electronic automated measurements at the wellhead to measure oil, gas, and water separately from each well prior to commingling the production. The allocation meters will meet the relevant regulations and standards as outlined below. Commingling the reserve is the most effective means of production.

Oil & gas production from these spacing units will be commingled and sold at the **Little Betty 20 Central Tank Battery** ("CTB"), which is located in the SE 1/4 NE 1/4 of Section 20, Township 21 South, Range 28 East, N.M.P.M., Eddy County, NM. The oil and gas metering point for the units is located on-lease at the CTB and is identified on **Attachment A, Lease Map**.

Each well is equipped with a three-phase separator and metered on-lease before production is transferred to the CTB and commingled prior to the sales meter(s). Gas production from the separator will be individually metered with a calibrated orifice meter that is manufactured to meet AGA specifications and API 14.3.2 standards. Coterra certifies that gas sales will occur via a connected natural gas gathering system in the general area with sufficient capacity to transport one hundred percent (100%) of the anticipated volume of natural gas produced from the wells(s) commencing on the date of anticipated commingling, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the gathering system.

Oil production from the separator will be separately metered using Coriolis meters that meet industry standards. Please see **Attachment B, Production Flow Diagram**, for the associated CTB facility diagram.

All primary and secondary Electronic Flow Measurement ("EFM") equipment is tested and calibrated in accordance with industry specifications.

Gas samples are obtained at the time of the meter testing and calibration, and the composition and heating value are determined by a laboratory in accordance with the American Petroleum Institute ("API") specifications to ensure accurate volume and energy (MMBTU) determinations. A gas sample is provided in **Attachment C, Gas Analysis**.

The **Little Betty 20 Central Tank Battery CTB** requires no additional surface disturbance. The OCD will be notified of any changes to the CTB.

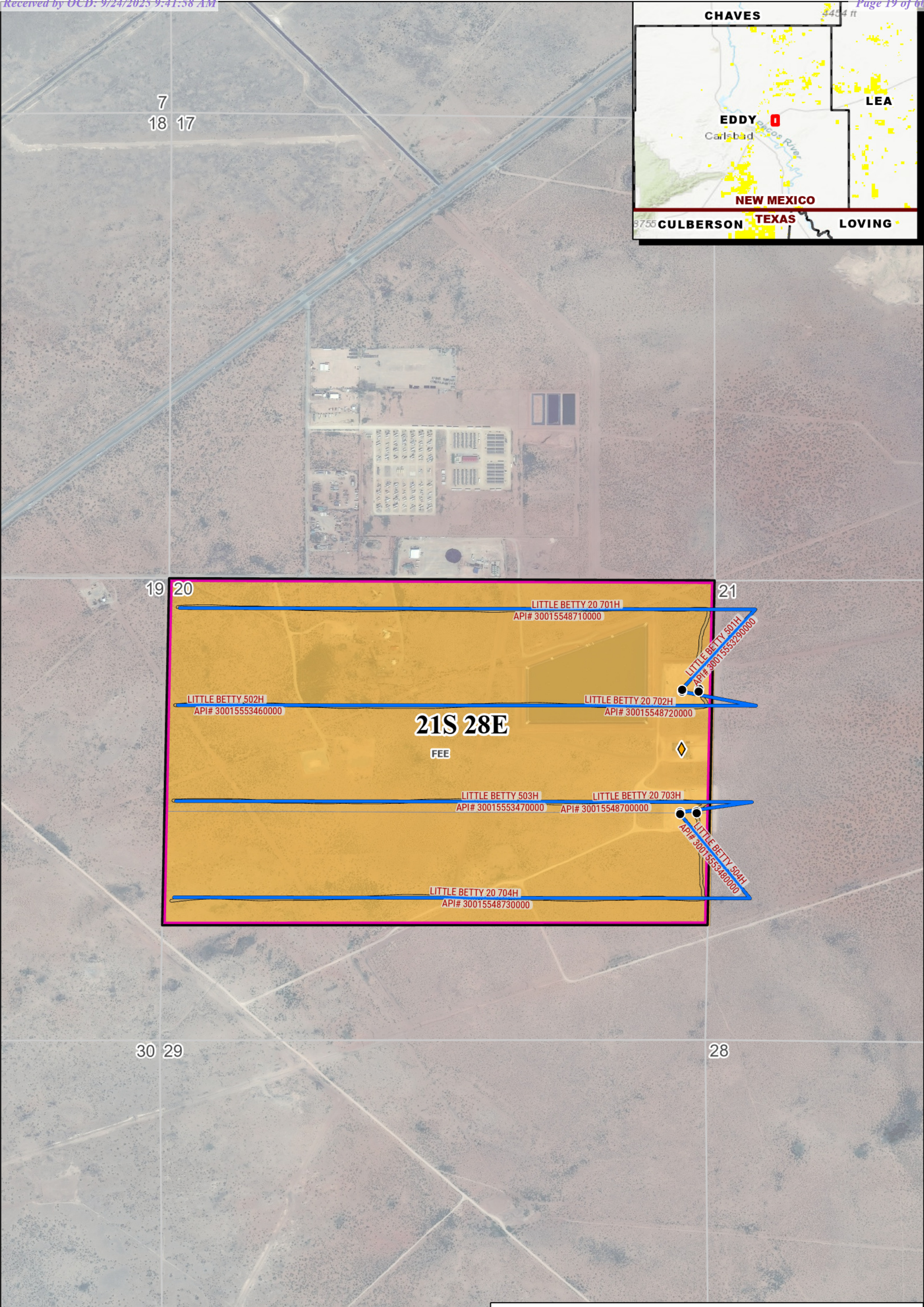
In conclusion, all the oil and gas produced on the Lands is and will be metered at each wellhead and allocated correctly using the same measurement equipment as the pipeline sales measurement specifications accepted by API as industry standard,

Very truly yours,

Coterra Energy Operating Co.



Shane Brannan
Production Engineer



Little Betty 20
501H, 502H, 503H, 504H, 701H, 702H, 703H, 704H
EDDY COUNTY, NM

Scale: 1:12,000

CRS: NAD 1983 StatePlane New Mexico East

Date: 8/2/2025

Author: Holland-LR

●	OPERATED WELLS - SL	METER LOCATIONS	LEASEHOLD
	BONE SPRING	FMP	FEE
	WOLFCAMP		
	C-102		



Area	JH Project No:		 JH Operating Co.
N/A	2801.14.1		
Approved	By	ATF	
Drawing No.			
2801.14.1 - C - 2000A			Sht 1 of 1

SEPTEMBER 13, 2024

<u>FlowCal</u>								<u>Days</u>					
<u>GO</u>	<u>Import</u>							<u>Since</u>	<u>Pressure</u>			<u>Sample</u>	<u>Sample</u>
<u>Number</u>	<u>ID</u>	<u>GAS ANALYSIS NAME</u>						<u>Date</u>	<u>Base</u>	<u>BTU Base</u>		<u>Pressure</u>	<u>Temp</u>
57401	57401	LITTLE	BETTY	20	701	PROD	2/28/2025	60	14.73	W		112	107
57410	57410	LITTLE	BETTY	20	702	PROD	2/28/2025	60	14.73	W		113	111
600411	600411	LITTLE	BETTY	20	703	PROD	2/27/2025	61	14.73	W		113	115
600411	600411	LITTLE	BETTY	20	703	PROD	2/27/2025	61	14.73	W		113	115
57414	57414	LITTLE	BETTY	20	704	PROD	2/28/2025	60	14.73	W		110	113

<u>HV (Dry)</u>	<u>HV (Wet)</u>	<u>HV (AD)</u>	<u>HV</u>	<u>Gravity</u>	<u>CO2</u>	<u>N2</u>	<u>C1</u>	<u>C2</u>	<u>C3</u>	<u>ISO_C4</u>
			<u>Measured</u>							
1334.6	1311.4	1322.1	1315.5	0.7732	0.102	1.091	74.989	12.448	6.148	0.889
1313.1	1290.2	1299.4	1294.3	0.7595	0.089	1.128	76.161	12.085	5.774	0.822
1311.2	1288.4	1295.9	1292.6	0.7592	0.102	1.182	76.369	11.823	5.662	0.918
1311.2	1288.4	1295.9	1292.6	0.7592	0.102	1.182	76.369	11.823	5.662	0.918
1368	1344.2	1352.6	1348.9	0.7945	0.105	1.069	73.56	12.557	6.632	0.986

<u>N_C4</u>	<u>ISO_C5</u>	<u>N_C5</u>	<u>NEO_C5</u>	<u>C6</u>	<u>C7</u>	<u>C8</u>	<u>C9</u>	<u>C10</u>	<u>AR</u>	<u>CO</u>
2.17	0.552	0.635		0.976						
1.988	0.498	0.566		0.889						
1.971	0.492	0.568		0.913						
1.971	0.492	0.568		0.913						
2.445	0.656	0.784		1.206						

<u>H2</u>	<u>O2</u>	<u>H2O</u>	<u>H2S (as</u> <u>componen</u> <u>t)</u>	<u>HE</u>	<u>C2_GPM</u>	<u>SEQUENCE</u> <u>NUMBER</u>	<u>C2_PLUS</u> <u>GPM</u>	<u>C3_GPM</u>	<u>C3_PLUS</u> <u>GPM</u>	<u>ISO_C4_G</u> <u>PM</u>
0	0	0	0	0	0 3.342	0	6.8578	1.7	3.5158	0.292
0	0	0	0	0	0 3.244	0	6.4954	1.597	3.2514	0.27
0	0	0	0	0	0 3.174	-1	6.4286	1.566	3.255	0.302
0	0	0	0	0	0 3.174	-1	6.4286	1.566	3.255	0.302
0	0	0	0	0	0 3.372	0	7.3291	1.835	3.957	0.324

<u>N_C4_GPM</u>	<u>ISO_C5_G</u> <u>PM</u>	<u>N_C5_GPM</u>	<u>C5_PLUS</u> <u>GPM</u>	<u>C6_GPM</u>	<u>C6_PLUS</u> <u>GPM</u>	<u>C7_GPM</u>	<u>C8_GPM</u>	<u>C9_GPM</u>	<u>C10_GPM</u>	<u>GASOLINE</u> <u>_26_PSI</u>
0.687	0.203	0.231	0.8366	0.403	0.4029					1.272
0.629	0.183	0.206	0.7557	0.367	0.3669					1.15
0.624	0.181	0.207	0.7641	0.377	0.3768					1.165
0.624	0.181	0.207	0.7641	0.377	0.3768					1.165
0.774	0.241	0.285	1.0243	0.498	0.498					1.56

<u>CONDENSA</u>	<u>H2S</u>	<u>Record</u>	<u>Effective</u>	<u>Measurement</u>	<u>Business</u>						
<u>TE_GPM</u>	<u>(PPM)</u>	<u>Status</u>	<u>Date</u>	<u>Area</u>	<u>Unit</u>	<u>District</u>	<u>Field</u>	<u>Remarks</u>			
0.423		0 A	3/1/2025 0:00		PERMIAN	AVANT	Little Betty 20	#701H			
0.386		0 A	3/1/2025 0:00	HOUSCDACM23P	PERMIAN	AVANT	Little Betty 20	702H			
0.396		0 A	3/1/2025 0:00		PERMIAN	AVANT	little Betty 20	703H			
0.396		0 A	3/1/2025 0:00		PERMIAN	AVANT	little Betty 20	703H			
0.523		0 A	3/1/2025 0:00	HOUSCDACM23P	PERMIAN	AVANT	Little Betty 20	704H			

<u>Gatherin</u>	<u>Sample</u>	<u>Composit</u>	<u>Sample</u>	<u>Analysis</u>					
<u>g System</u>	<u>ID</u>	<u>e?</u>	<u>Type</u>	<u>Date</u>	<u>Sample Tech</u>	<u>Analysis Tech</u>	<u>Lab Name</u>		
AVANT	57401		S	3/12/2025	GILBERTO LAZO	System Administrator	LAB SERVICES		
AVANT	57410		S	3/13/2025	GILBERTO LAZO	System Administrator	LAB SERVICES		
AVANT	600411		S	3/12/2025	GILBERTO LAZO	System Administrator	LAB SERVICES		
AVANT	600411		S	3/12/2025	GILBERTO LAZO	System Administrator	LAB SERVICES		
AVANT	57414		S	3/12/2025	GILBERTO LAZO	System Administrator	LAB SERVICES		

Exhibit 3

June 23, 2025

Landman Statement

I have reviewed the ownership of the oil and gas leasehold in the spacing units comprised underlying spacing units underlying the **N2 and N2S2 of Section 20, Township 21 South, Range 28 East, NMPM, Eddy County, New Mexico (the "Lands")** for the purposes of the administrative approval for Coterra Energy Operating Company's ("Coterra") **Little Betty 20 CTB** surface commingling application. At the time of this application, the following wells included in the spacing units are:

- Little Betty 20 501H (API No. 30-015-55329) [Pool Name: Fenton; Bone Spring] [No. 24300]
- Little Betty 20 502H (API No. 30-015-55346) [Pool Name: Fenton; Bone Spring] [No. 24300]
- Little Betty 20 503H (API No. 30-015-55347) [Pool Name: Fenton; Bone Spring] [No. 24300]
- Little Betty 20 504H (API No. 30-015-55348) [Pool Name: Fenton; Bone Spring] [No. 24300]
- Little Betty 20 701H (API No. 30-015-54871) [Pool Name: Lone Tree Draw; Wolfcamp] [No. 97208]
- Little Betty 20 702H (API No. 30-015-54872) [Pool Name: Lone Tree Draw; Wolfcamp] [No. 97208]
- Little Betty 20 703H (API No. 30-015-54870) [Pool Name: Lone Tree Draw; Wolfcamp] [No. 97208]
- Little Betty 20 704H (API No. 30-015-54873) [Pool Name: Lone Tree Draw; Wolfcamp] [No. 97208]

I hereby certify that ownership in the pools and leases to be commingled are identical under 19.15.2.7.B. NMAC for the aforementioned lands.¹

Sincerely,

Coterra Energy Operating Co.



Dylan C. Park, CPL
Land Advisor

¹ 19.15.12.7.B. defines "identical ownership" as leases or pools [that] have the same working, royalty and overriding royalty owners in exactly the same percentages.

Exhibit 4

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:	☒ Initial Submittal		
		☐ Amended Report		
		☐ As Drilled		

WELL LOCATION INFORMATION

API Number 30-015-55329	Pool Code 24300	Pool Name Fenton; Bone Spring
Property Code 335623	Property Name LITTLE BETTY 20	Well Number 50IH
OGRID No. 330396	Operator Name AVANT OPERATING, LLC	Ground Level Elevation 3222
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	20	21 S	28 E		1240 FNL	310 FEL	32.4695969° N	104.1012261° W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	20	21 S	28 E		330 FNL	100 FWL	32.4721167° N	104.1170253° W	EDDY

Dedicated Acres 480	Infill or Defining Well Defining	Defining Well API 30-015-55329	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	21	21 S	28 E		330 FNL	385 FWL	32.4721000° N	104.0989321° W	EDDY

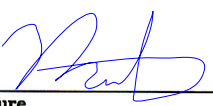
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	20	21 S	28 E		330 FNL	100 FEL	32.4720976° N	104.1005049° W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	20	21 S	28 E		330 FNL	100 FWL	32.4721167° N	104.1170253° W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
---	--	-------------------------

OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.  Signature Printed Name mtwele@outlook.com E-mail Address		SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.   Signature and Seal of Professional Surveyor Certificate Number 14831 Date of Survey 06/05/24 8/21/2024	
--	--	---	--

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.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

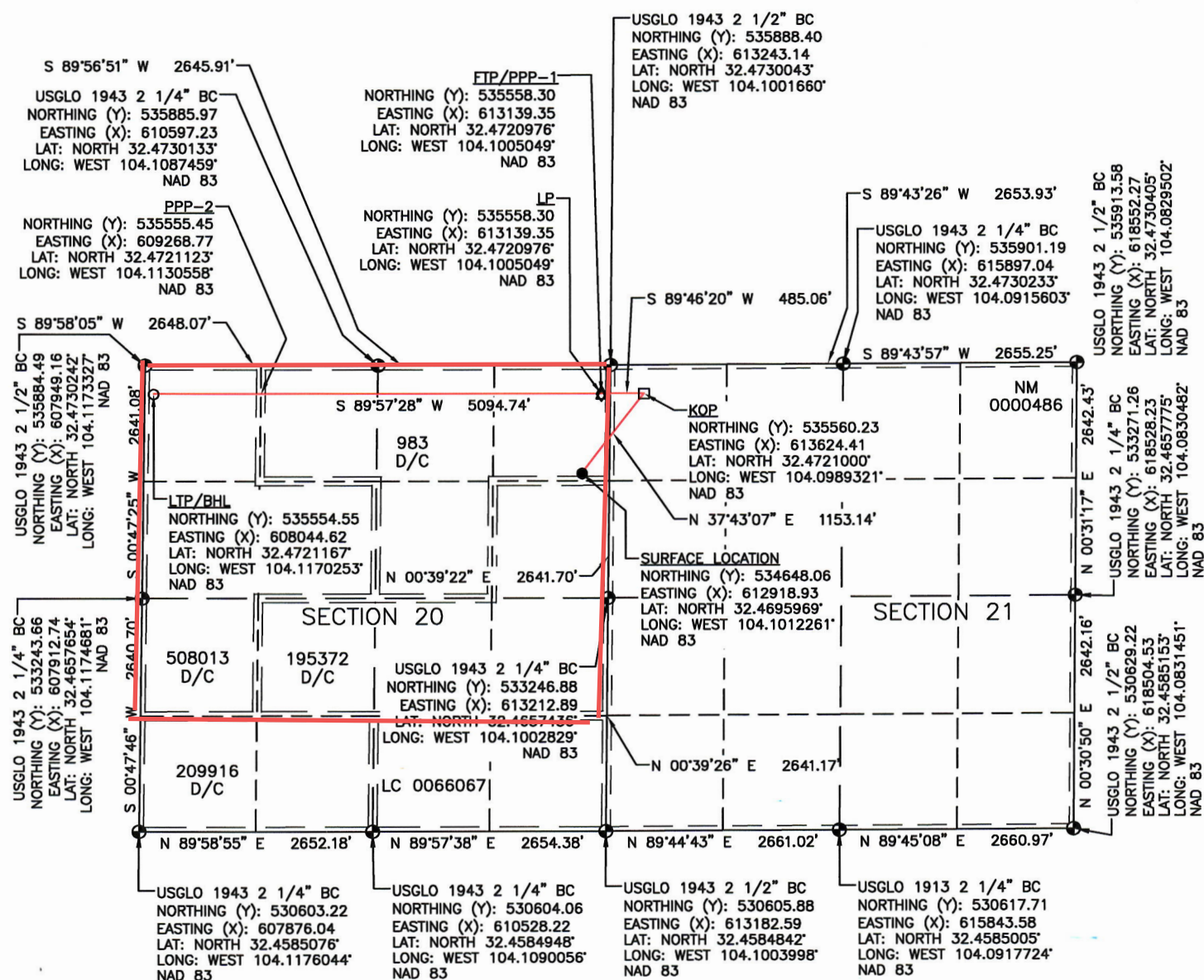
PLAT REVISED: 8/20/24

LEGEND:

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

FOOTAGES		
SHL	1240' FNL	310' FEL
KOP	330' FNL	385' FWL, SEC. 21
FTP/PPP-1	330' FNL	100' FEL
LP	330' FNL	100' FEL
PPP-2	330' FNL	1324' FWL
LTP/BHL	330' FNL	100' FWL

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED



Intent ☒ As Drilled ☐

API # Little Betty 20 - Various		
Operator Name: Avant Operating, LLC	Property Name: Little Betty 20	Well Number 502H

Kick Off Point (KOP)

UL E	Section 21	Township 21S	Range 28E	Lot	Feet 1430	From N/S N	Feet 385	From E/W W	County Eddy
Latitude 32.469076					Longitude -104.098981			NAD 83	

First Take Point (FTP)

UL H	Section 20	Township 21S	Range 28E	Lot	Feet 1430	From N/S N	Feet 100	From E/W E	County Eddy
Latitude 32.469074					Longitude -104.100554			NAD 83	

Last Take Point (LTP)

UL E	Section 20	Township 21S	Range 28E	Lot	Feet 1430	From N/S N	Feet 100	From E/W W	County Eddy
Latitude 32.469093					Longitude -104.117082			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ NoIs this well an infill well? ☐ 24300 and 9720

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name: Avant Operating, LLC	Property Name: Little Betty 20	Well Number 501H

KZ 06/29/2018

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:	☒ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number 30-015-55346	Pool Code 24300	Pool Name Fenton; Bone Spring
Property Code 335623	Property Name LITTLE BETTY 20	Well Number 502H
OGRID No. 330396	Operator Name AVANT OPERATING, LLC	Ground Level Elevation 3221
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	20	21 S	28 E		1260 FNL	310 FEL	32.4695418° N	104.1012271° W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	20	21 S	28 E		1430 FNL	100 FWL	32.4690931° N	104.1170817° W	EDDY

Dedicated Acres 480	Infill or Defining Well Infill	Defining Well API 30-015-55329	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	21	21 S	28 E		1430 FNL	385 FWL	32.4690762° N	104.0989808° W	EDDY

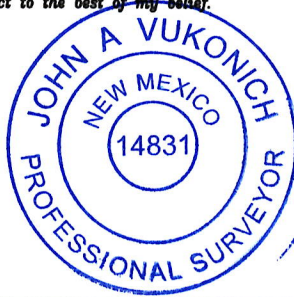
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	20	21 S	28 E		1430 FNL	100 FEL	32.4690740° N	104.1005536° W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	20	21 S	28 E		1430 FNL	100 FWL	32.4690931° N	104.1170817° W	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
---	--	-------------------------

OPERATOR CERTIFICATIONS <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 vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> Signature Meghan Twele Printed Name mtwele@outlook.com E-mail Address	SURVEYOR CERTIFICATIONS <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>  Signature and Seal of Professional Surveyor Certificate Number 14831 Date of Survey 09/17/24
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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.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

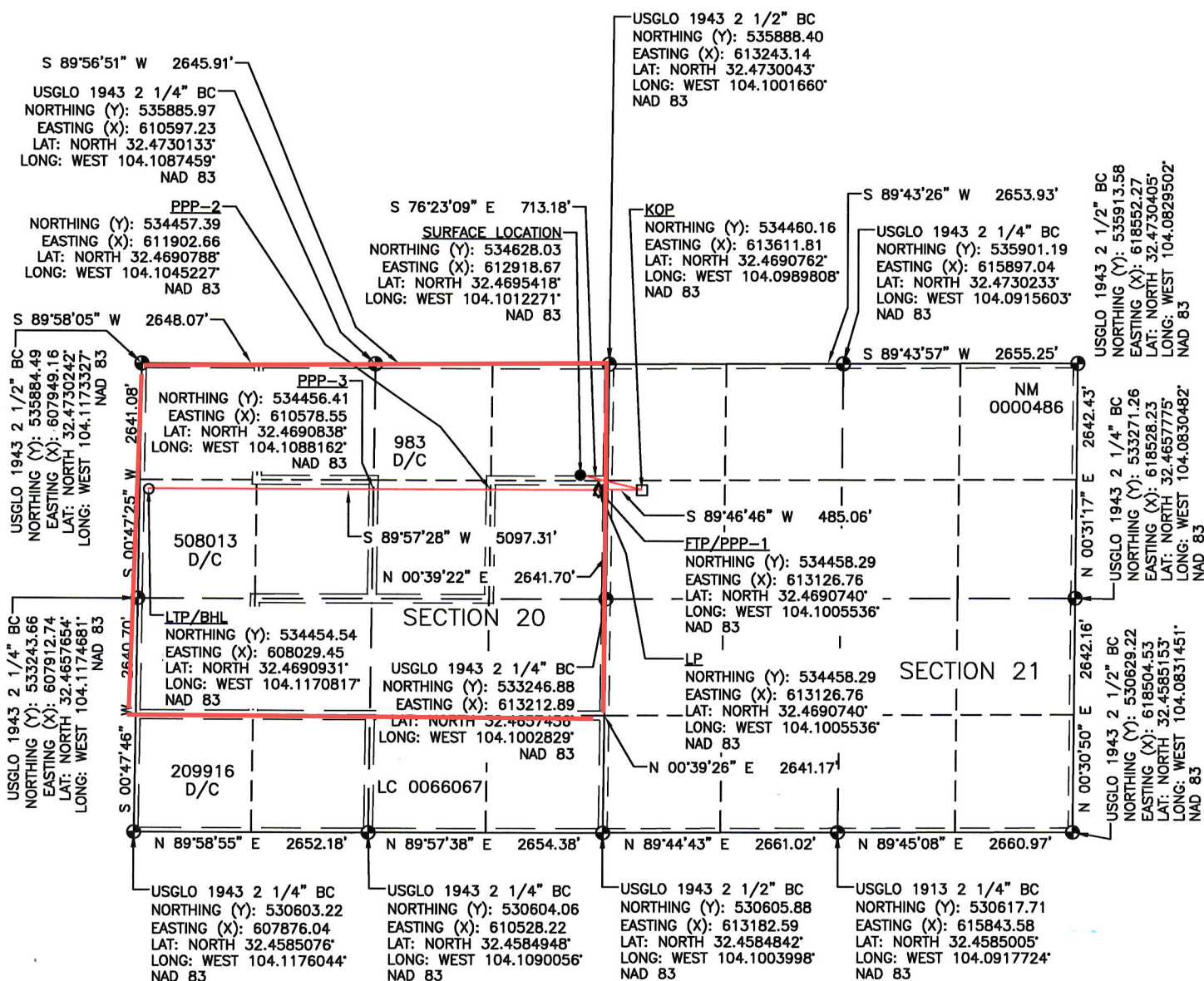
PLAT REVISED: 8/20/24

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	385' FWL, SEC. 21
FTP/PPP-1	1430' FNL	100' FEL
LP	1430' FNL	100' FEL
PPP-2	1430' FNL	1324' FEL
PPP-3	1430' FNL	2648' FEL
LTP/BHL	1430' FNL	100' FWL

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED



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: ☒ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-015-55347	Pool Code 24300	Pool Name Fenton; Bone Spring
Property Code 335623	Property Name LITTLE BETTY 20	Well Number 503H
OGRID No. 330396	Operator Name AVANT OPERATING, LLC	Ground Level Elevation 3221
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	20	21 S	28 E		2640 FNL	310 FEL	32.4657485° N	104.1012879° W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	20	21 S	28 E		2530 FNL	100 FWL	32.4660695° N	104.1171381° W	EDDY

Dedicated Acres 480	Infill or Defining Well Defining Well	Defining Well API 30-015-55347	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	21	21 S	28 E		2530 FNL	385 FWL	32.4660524° N	104.0990294° W	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	20	21 S	28 E		2530 FNL	100 FEL	32.4660504° N	104.1006022° W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S
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ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

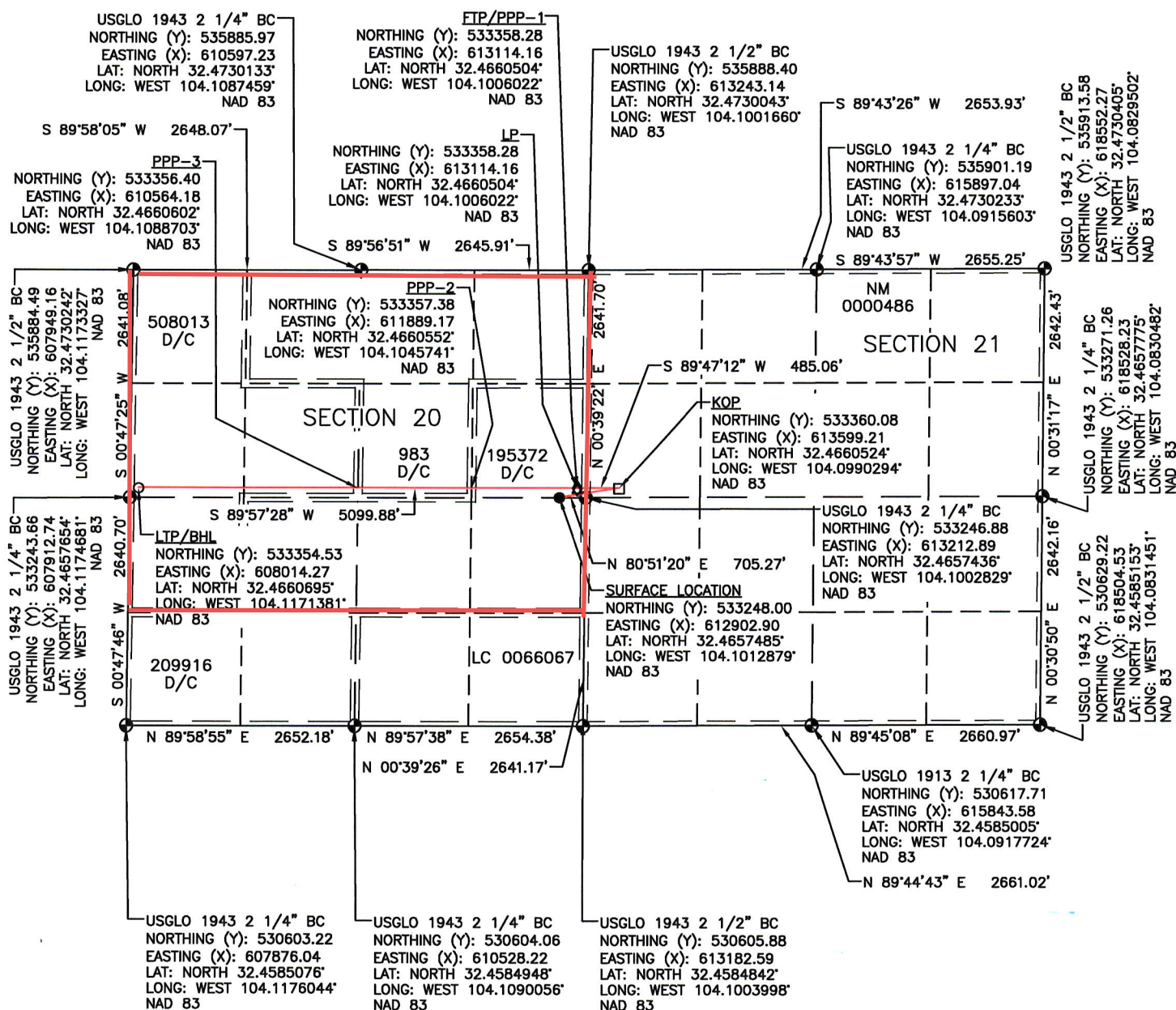
PLAT REVISED: 8/20/24

LEGEND:

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

FOOTAGES		
SHL	2640' FNL	310' FEL
KOP	2530' FNL	385' FWL, SEC. 21
FTP/PPP-1	2530' FNL	100' FEL
LP	2530' FNL	100' FEL
PPP-2	2530' FNL	1325' FEL
PPP-3	2530' FNL	2649' FWL
LTP/BHL	2530' FNL	100' FWL

NOTE: BEARINGS AND DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, EAST ZONE, NAD 83, UNLESS OTHERWISE NOTED



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:	☒ Initial Submittal
			☐ Amended Report
		☐ As Drilled	

WELL LOCATION INFORMATION

API Number 30-025-55348	Pool Code 24300	Pool Name Fenton; Bone Spring
Property Code 335623	Property Name LITTLE BETTY 20	Well Number 504H
OGRID No. 330396	Operator Name AVANT OPERATING, LLC	Ground Level Elevation 3221
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
I	20	21 S	28 E		2622 FSL	310 FEL	32.4656939° N	104.1012892° W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	20	21 S	28 E		1650 FSL	100 FWL	32.4630425° N	104.1171950° W	EDDY

Dedicated Acres 480	Infill or Defining Well Infill	Defining Well API 30-015-55347	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☐ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	21	21 S	28 E		1650 FSL	385 FWL	32.4630223° N	104.0990783° W	EDDY

District I

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District IV

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Phone:(505) 476-3470 Fax:(505) 476-3462

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

Form C-101
August 1, 2011

Permit 361796

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202		2. OGRID Number 330396
		3. API Number 30-015-54871
4. Property Code 335623	5. Property Name LITTLE BETTY 20	6. Well No. 701H

7. Surface Location

UL - Lot A	Section 20	Township 21S	Range 28E	Lot Idn	Feet From 1240	N/S Line N	Feet From 150	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot D	Section 20	Township 21S	Range 28E	Lot Idn D	Feet From 330	N/S Line N	Feet From 100	E/W Line W	County Eddy
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9. Pool Information

LONE TREE DRAW; WOLFCAMP	97208
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3224
16. Multiple N	17. Proposed Depth 14501	18. Formation Wolfcamp	19. Contractor	20. Spud Date 5/2/2024
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	10.75	40.5	400	175	0
Int1	9.875	7.625	29.7	7761	910	0
Prod	6.75	5.5	20	14501	720	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Pipe	10000	5000	CAMERON

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable.

Signature:

Printed Name: Electronically filed by Sarah Ferreyros

Title: Director of Regulatory

Email Address: sarah@avantnr.com

Date: 3/19/2024

Phone: 720-854-9020

OIL CONSERVATION DIVISION

Approved By: Ward Rikala

Title:

Approved Date: 3/26/2024

Expiration Date: 3/26/2026

Conditions of Approval Attached

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

DISTRICT II
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DISTRICT III
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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

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 30-015-54871	² Pool Code 97208	³ Pool Name LONE TREE DRAW;WOLFCAMP
⁴ Property Code 335623	⁵ Property Name LITTLE BETTY 20	⁶ Well Number 70IH
⁷ OGRID No. 330396	⁸ Operator Name AVANT OPERATING, LLC	⁹ Elevation 3224

¹⁰ Surface Location

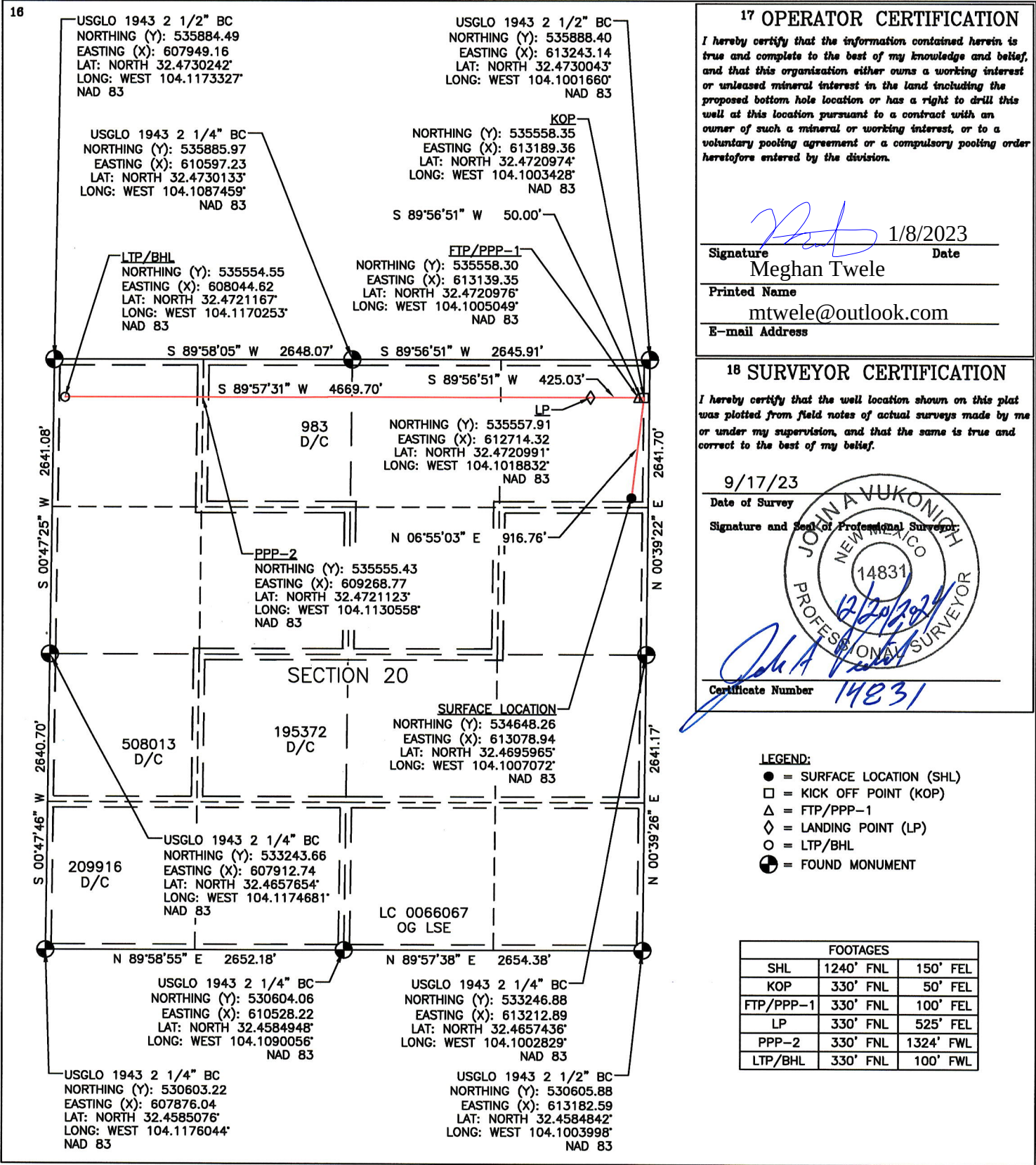
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	21 S	28 E		1240	NORTH	150	EAST	EDDY

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 SECTION 20:	¹³ Joint or Infill TOTAL: 480 Ac.	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



C-104 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☒ Test Allowable (C-104RT) ☐ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: Avant Operating, LLC	OGRID: 330396
Property Name and Well Number: Little Betty 20 703H	Property Code: 335623
Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal	API Number: 30-015-54870
Pool Name: Lone Tree Draw; Wolfcamp	Pool Code: 97208

The preliminary SHL for the 703H was 2629.950 which rounds to 2630'FNL. After well spud SHL survey gathered was 2629.111 which rounds to 2629' (.83differential).

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	20	21S	28E		2629 FNL	150 FEL	32.465778	-104.100770	Eddy

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
Flowing—TBG	8/11/2024	9,622'-14,429'	9,488'-9,406'

Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW):	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 347764	Unit: ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 347764	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID: n/a	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 348729	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: n/a	Non-standard Proration: ☒ Yes ☐ No, Order No. NSP - 2195
Casing was installed prior to OCD's Action ID system (Y/N): No	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name Meghan Twele	
Title Contract Regulatory Analyst	Date 11/5/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION AS-DRILLED	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal ☐ Amended Report ☒ As Drilled

WELL LOCATION INFORMATION

API Number 30-015-54870	Pool Code 97208	Pool Name Lone Tree Draw; Wolfcamp
Property Code 335623	Property Name LITTLE BETTY 20	Well Number 703H
OGRID No. 330396	Operator Name AVANT OPERATING, LLC	Ground Level Elevation 3224.0
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	20	21 S	28 E		2629 FNL	150 FEL	32.4657781° N	104.1007700° W	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	20	21 S	28 E		2525 FNL	73 FWL	32.4660825° N	104.1172245° W	EDDY

Dedicated Acres 480	Infill or Defining Well Infill	Defining Well API 30-015-54872	Overlapping Spacing Unit (Y/N) No	Consolidation Code
Order Numbers. NSP - 2195			Well setbacks are under Common Ownership: ☐ Yes ☒ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	20	21 S	28 E		2535 FNL	64 FEL	32.4660365° N	104.1004861° W	EDDY

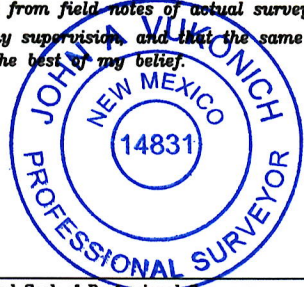
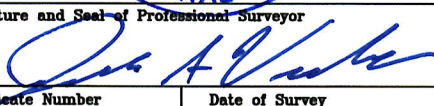
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	20	21 S	28 E		2514 FNL	377 FEL	32.4660955° N	104.1014991° W	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
E	20	21 S	28 E		2523 FNL	131 FWL	32.4660897° N	104.1170367° W	EDDY

Unitized Area or Area of Uniform Interest No	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3197'
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OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Signature  Date 9/1/2024 Printed Name Meghan Twele E-mail Address mtwele@outlook.com	SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Signature and Seal of Professional Surveyor  Certificate Number 14831 Date of Survey 08/07/24 
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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.

ACREAGE DEDICATION PLATS

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Plat Revised: 8/15/24

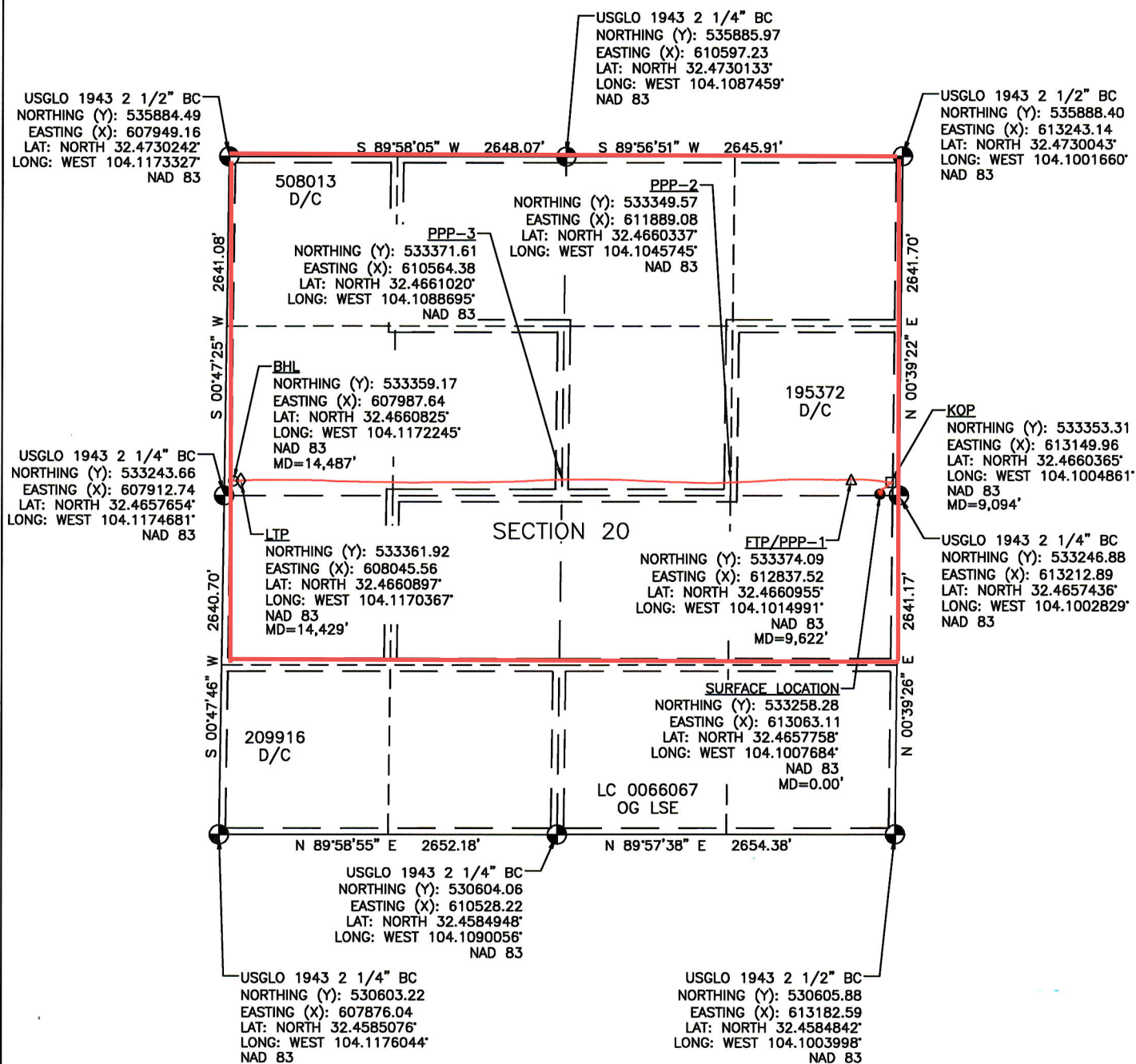
LEGEND:

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

NOTE:
DOWNHOLE INFO TAKEN FROM
A REPORT FURNISHED BY
AVANT OPERATING, LLC

NOTE: BEARINGS AND DISTANCES
SHOWN ARE REFERENCED TO THE
NEW MEXICO COORDINATE SYSTEM,
EAST ZONE, NAD 83, UNLESS
OTHERWISE NOTED

FOOTAGES		
SHL	2629' FNL	150' FEL
KOP	2535' FNL	64' FEL
FTP/PPP-1	2514' FNL	377' FEL
PPP-2	2538' FNL	1325' FEL
PPP-2	2514' FNL	2650' FEL
LTP	2523' FNL	131' FWL
BHL	2525' FNL	73' FWL



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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

Form C-101
August 1, 2011

Permit 361809

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address Avant Operating, LLC 1515 Wynkoop Street Denver, CO 80202		2. OGRID Number 330396
		3. API Number 30-015-54872
4. Property Code 335623	5. Property Name LITTLE BETTY 20	6. Well No. 702H

7. Surface Location

UL - Lot A	Section 20	Township 21S	Range 28E	Lot Idn	Feet From 1260	N/S Line N	Feet From 150	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot E	Section 20	Township 21S	Range 28E	Lot Idn E	Feet From 1430	N/S Line N	Feet From 100	E/W Line W	County Eddy
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9. Pool Information

LONE TREE DRAW; WOLFCAMP	97208
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3223
16. Multiple N	17. Proposed Depth 14420	18. Formation Wolfcamp	19. Contractor	20. Spud Date 5/2/2024
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	14.75	10.75	40.5	400	175	0
Int1	9.875	7.625	29.7	7697	950	0
Prod	6.75	5.5	20	14420	720	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Pipe	10000	5000	CAMERON

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature: Printed Name: Electronically filed by Sarah Ferreyros Title: Director of Regulatory Email Address: sarah@avantnr.com Date: 3/19/2024	OIL CONSERVATION DIVISION Approved By: Ward Rikala Title: Approved Date: 3/26/2024 Expiration Date: 3/26/2026 Conditions of Approval Attached
---	---

DISTRICT I
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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 30-015-54872	² Pool Code 97208	³ Pool Name LONE TREE DRAW;WOLFCAMP
⁴ Property Code 335623	⁵ Property Name LITTLE BETTY 20	⁶ Well Number 702H
⁷ OGRID No. 330396	⁸ Operator Name AVANT OPERATING, LLC	⁹ Elevation 3223

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	150	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

¹² Dedicated Acres SECTION 20:	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
TOTAL: 480 Ac.			

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

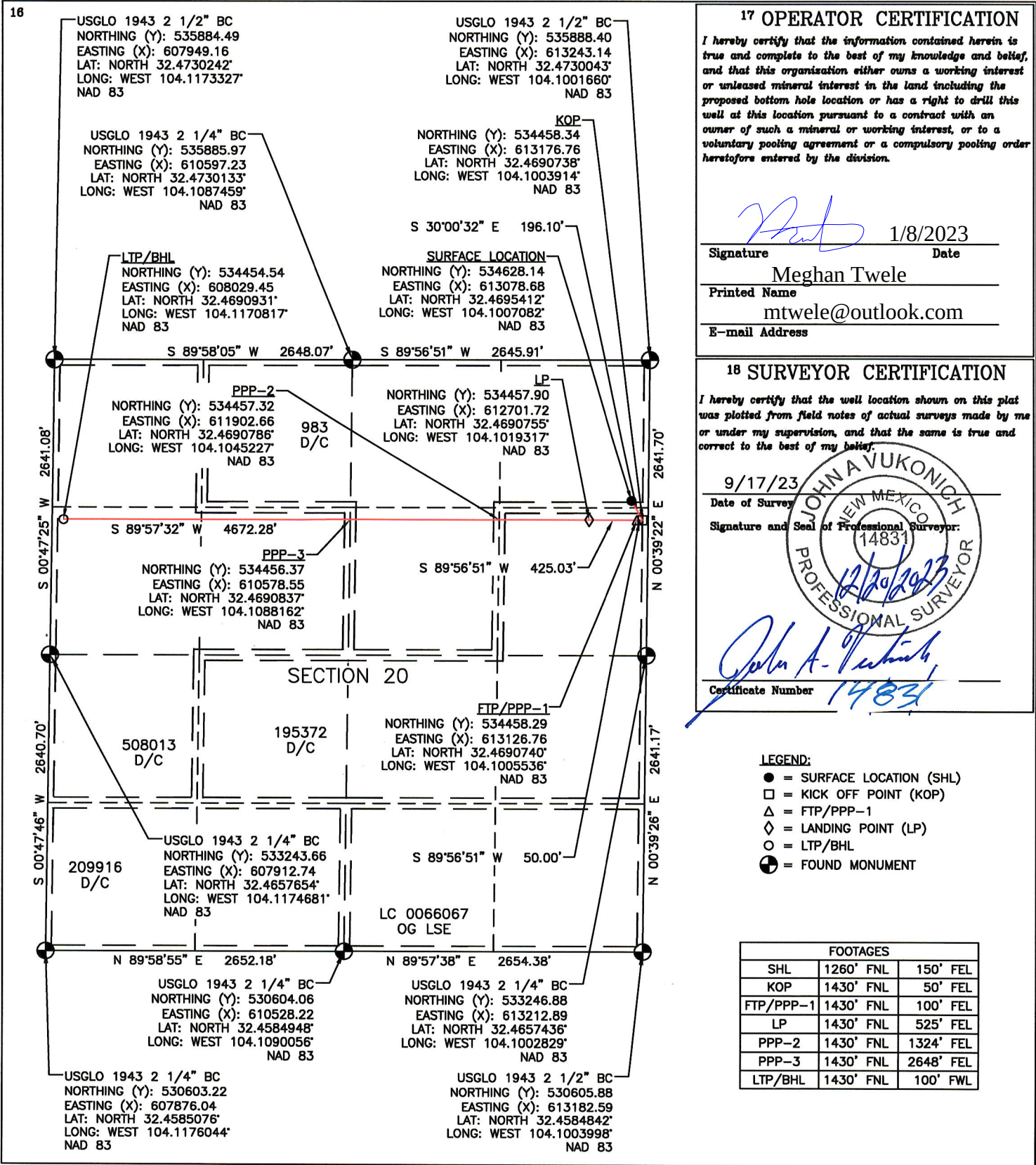


Exhibit 5

Owner Name	Owner Address	Ownership Type
Coterra Energy Operating Co. (f/k/a Cimarex Energy Co)	6001 Deauville Blvd., STE 300N Midland, TX 79706	WI
Ellipsis Oil & Gas Inc.	3500 Maple Ave., Suite 1080 Dallas, TX 75219	WI / Lessee of Record
Big Three Energy Group, LLC	PO Box 429 Roswell, NM 88202-0429	Lessor Royalty Interest
Hope Royalties, LLC	1610 Northgate Pl. Artesia, NM 88210	Lessor Royalty Interest
The Allar Company	PO Box 1567 Graham, TX 76450	Lessor Royalty Interest
Ross Duncan Properties, LLC	1401 W Main Artesia, NM 88210	Lessor Royalty Interest
Panhandle Properties, LLC	PO Box 647 Artesia, NM 88212	Lessor Royalty Interest
Camarie Oil and Gas, LLC	2502 Camarie Midland, TX 79705	Lessor Royalty Interest
Valspark Oil and Gas, LLC	36 Positano Loop Roswell, NM 88201	Lessor Royalty Interest

BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW
500 DON GASPAR AVENUE
SANTA FE, NEW MEXICO 87505
TELEPHONE 505-983-8545
FACSIMILE 800-886-6566
www.bwenergylaw.com

OFFICE LOCATIONS

COLORADO

NEW MEXICO

WYOMING

MIGUEL SUAZO
505-946-2090
MSUAZO@BWENERGYLAW.COM

JACOB L. EVERHART
505-999-0401
JEVERHART@BWENERGYLAW.COM

August 12, 2025

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Application of Coterra Energy Operating Co. for administrative approval to surface commingle (pool and lease) oil and gas production from spacing units underlying Section 20 of 21S, 28E, N.M.P.M., Eddy County, New Mexico (the “Lands”)

Ladies and Gentlemen:

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

Coterra respectfully requests authority to add additional wells contained within the spacing units identified and approved in this application by filing a C-103 and C-102 with the NMOCD. Notice to owners shall not be required when amending the application to add wells contained within spacing units previously approved for commingling authority.

Pursuant to Statewide rule 19.15.12.10 (C)(4)(g) Coterra respectfully requests the option to include additional pool or leases within the following parameters:

Coterra may add additional production from the Lonetree Draw; Wolfcamp [97208]; and the Fenton; Bone Spring [24300] from Fee Leases listed in the application.

BEATTY & WOZNIAK, P.C.

August 12, 2025

Page 2

Thank you for your time and attention to this matter. If you have any questions about this application, please contact the following:

Phillip Levasseur
Coterra Energy Operating Company
(432) 620-1642
phillip.levasseur@coterra.com

Very truly yours,

BEATTY & WOZNIAK, P.C.



Miguel Suazo

Jacob L. Everhart

Attorney(s) for Coterra Energy Operating Co.

Released to Imaging: 10/15/2025 12:55:59 PM

40 4E0L 05TT 0225 0T20 6856

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
OFFICIAL USE	
Certified Mail Fee \$	2093.85LB
Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) ☐ Return ☐ Certified ☐ Adult Signature ☐ Adult Signature Restricted	Hope Royalties, LLC 1610 Northgate Pl. Artesia, NM 88210
Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®.	
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Certified Mail Fee \$	2093.85LB
Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) ☐ Return ☐ Certified ☐ Adult Signature ☐ Adult Signature Restricted	Big Three Energy Group, LLC PO Box 429 Roswell, NM 88202-0429
Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

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Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) ☐ Return ☐ Certified ☐ Adult Signature ☐ Adult Signature Restricted	Ellipsis Oil & Gas Inc. 3500 Maple Ave., Suite 1080 Dallas, TX 75219
Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
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Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

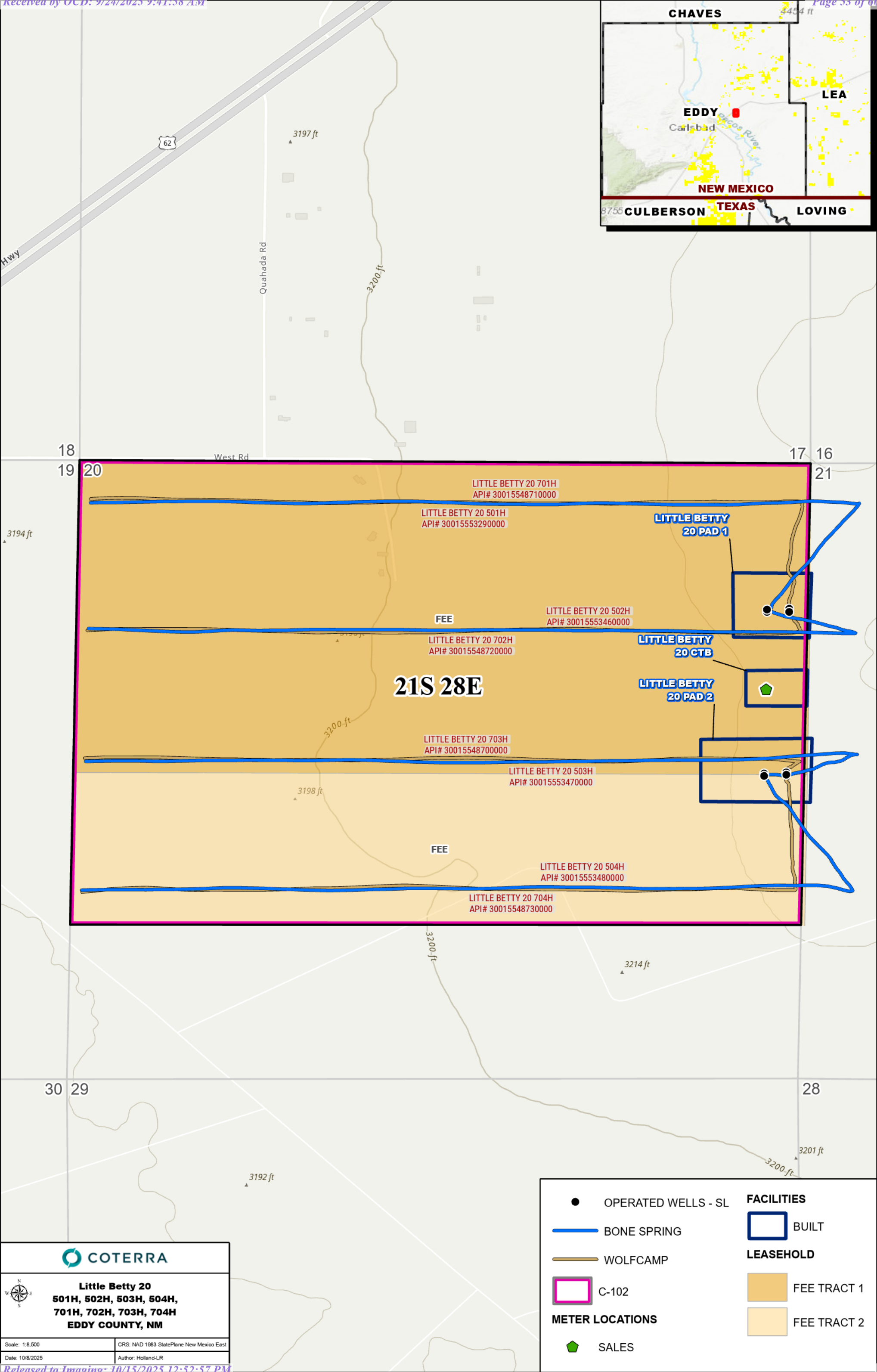
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Certified Mail Fee \$	2093.85LB
Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) ☐ Return ☐ Certified ☐ Adult Signature ☐ Adult Signature Restricted	Ross Duncan Properties, LLC 1401 W Main Artesia, NM 88210
Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

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Certified Mail Fee \$	2093.85LB
Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) ☐ Return ☐ Certified ☐ Adult Signature ☐ Adult Signature Restricted	The Allar Company PO Box 1567 Graham, TX 76450
Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

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Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) ☐ Return ☐ Certified ☐ Adult Signature ☐ Adult Signature Restricted	Camarie Oil and Gas, LLC 2502 Camarie Midland, TX 79705
Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

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OFFICIAL USE	
Certified Mail Fee \$	2093.85LB
Extra Services & Fees (check box, add fee as appropriate) ☐ Return Receipt (hardcopy) ☐ Return ☐ Certified ☐ Adult Signature ☐ Adult Signature Restricted	Valspark Oil and Gas, LLC 36 Positano Loop Roswell, NM 88201
Postage \$	
Total Postage and Fees \$	
Sent To Street and Apt. No., or PO Box No. City, State, ZIP+4®	
PS Form 3800, January 2023 PSN 7530-02-000-9047 See Reverse for Instructions	

Received by OCD: 9/24/2025 9:41:58 AM



Little Betty 20
501H, 502H, 503H, 504H,
701H, 702H, 703H, 704H
EDDY COUNTY, NM

Scale: 1:8,500

CRS: NAD 1983 StatePlane New Mexico East

Date: 10/8/2025

Author: Holland-LR

9589071052701150703435

Copy Add to Informed Delivery

Latest Update

Your item was picked up at the post office at 3:00 pm on August 20, 2025 in ARTESIA, NM 88210.

Get More Out of USPS Tracking:
 USPS Tracking Plus®

See Less ^

Delivered

Delivered, Individual Picked Up at Post Office

ARTESIA, NM 88210
August 20, 2025, 3:00 pm

See All Tracking History

What Do USPS Tracking Statuses Mean?

Tracking Number: Remove X

9589071052701506715617

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Latest Update

Your item was picked up at the post office at 10:07 am on August 19, 2025 in ROSWELL, NM 88201.

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 USPS Tracking Plus®

See More v

Delivered

Delivered, Individual Picked Up at Post Office

ROSWELL, NM 88201
August 19, 2025, 10:07 am

See All Tracking History

What Do USPS Tracking Statuses Mean?

Tracking Number: Remove X

9589071052701506715624

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Latest Update

Your item was delivered to the front desk, reception area, or mail room at 10:04 am on August 15, 2025 in DALLAS, TX 75219.

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 USPS Tracking Plus®

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Delivered

Delivered, Front Desk/Reception/Mail Room

DALLAS, TX 75219
August 15, 2025, 10:04 am

See All Tracking History

What Do USPS Tracking Statuses Mean?

Tracking Number: Remove X

9589071052701150703404

Copy Add to Informed Delivery

Latest Update

Your item was picked up at the post office at 10:52 am on August 19, 2025 in ARTESIA, NM 88210.

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 USPS Tracking Plus®

See More v

Delivered

Delivered, Individual Picked Up at Post Office

ARTESIA, NM 88210
August 19, 2025, 10:52 am

See All Tracking History

What Do USPS Tracking Statuses Mean?

Tracking Number: Remove X

9589071052701150703411

Copy Add to Informed Delivery

Latest Update

Your item was delivered to an individual at the address at 9:36 am on August 19, 2025 in ARTESIA, NM 88210.

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 USPS Tracking Plus®

See More v

Delivered

Delivered, Left with Individual

ARTESIA, NM 88210
August 19, 2025, 9:36 am

See All Tracking History

What Do USPS Tracking Statuses Mean?

Tracking Number: Remove X

9589071052701150703428

Copy Add to Informed Delivery

Latest Update

Your item has been delivered and is available at a PO Box at 9:54 am on August 18, 2025 in GRAHAM, TX 76450.

Get More Out of USPS Tracking:
 USPS Tracking Plus®

See More v

Delivered

Delivered, PO Box

GRAHAM, TX 76450
August 18, 2025, 9:54 am

See All Tracking History

What Do USPS Tracking Statuses Mean?

Tracking Number: Remove X

9589071052701150703398

Copy Add to Informed Delivery

Latest Update

Your package is moving within the USPS network and is on track to be delivered to its final destination. It is currently in transit to the next facility.

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 USPS Tracking Plus®

Delivered

Out for Delivery

Preparing for Delivery

Moving Through Network
In Transit to Next Facility
August 25, 2025

Arrived at USPS Regional Facility
MIDLAND TX DISTRIBUTION CENTER
August 21, 2025, 1:13 pm

See All Tracking History

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

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY COTERRA ENERGY OPERATING, CO. ORDER NO. PLC-1032**

ORDER

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

FINDINGS OF FACT

1. Coterra Energy Operating, Co. (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells as described in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7 B. NMAC.

Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.

4. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
5. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
6. Applicant in the notice for the Application stated that it sought authorization to prospectively include additional pools, leases, and wells in accordance with 19.15.12.10 C.(4)(g) NMAC.
7. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease as described in Exhibit A.

CONCLUSIONS OF LAW

8. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.

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

ORDER

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells as described in Exhibit A.

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

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

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

2. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease as described in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.

3. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling it with production from another well.
4. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
5. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8 B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8 E. NMAC.
6. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10 C.(2) NMAC.
7. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
8. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10 C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
9. If a well is not included in Exhibit A but produces from a pool and lease as described in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
10. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
11. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).

12. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ALBERT C. S. CHANG
DIRECTOR**

DATE: 10/11/2025

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: **PLC-1032**

Operator: **Coterra Energy Operating, Co (215099)**

Central Tank Battery: **Little Betty 20 Central Tank Battery**

Central Tank Battery Location: **UL H, Section 20, Township 21 South, Range 28 East**

Gas Title Transfer Meter Location: **UL H, Section 20, Township 21 South, Range 28 East**

Pools

Pool Name	Pool Code
FENTON;BONE SPRING	24300
LONE TREE DRAW; WOLFCAMP	97208

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
Fee Lease/Pooling Agreement "A"	N2	20-21S-28E
Fee Lease/Pooling Agreement "B"	N2S2	20-21S-28E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-015-55329	LITTLE BETTY 20 #501H	N2, N2S2	20-21S-28E	24300
30-015-55346	LITTLE BETTY 20 #502H	N2, N2S2	20-21S-28E	24300
30-015-55347	LITTLE BETTY 20 #503H	N2, N2S2	20-21S-28E	24300
30-015-55348	LITTLE BETTY 20 #504H	N2, N2S2	20-21S-28E	24300
30-015-54871	LITTLE BETTY 20 #701H	N2, N2S2	20-21S-28E	97208
30-015-54872	LITTLE BETTY 20 #702H	N2, N2S2	20-21S-28E	97208
30-015-54870	LITTLE BETTY 20 #703H	N2, N2S2	20-21S-28E	97208
30-015-54873	LITTLE BETTY 20 #704H	N2, N2S2	20-21S-28E	97208

10/11/20

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 508880

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 508880
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By	Condition	Condition Date
sarah.clelland	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please email us at OCD.Engineer@emnrd.nm.gov .	10/15/2025