

PERMIAN

RESOURCES

300 N. MARIENFELD STREET, SUITE 1000
MIDLAND, TX 79701

OFFICE 432.695.4222
FAX 432.695.4063

April 24, 2025

Mr. Dean McClure
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

RE: Application of Permian Resources Operating, LLC to authorize surface/pool commingling at the Casa Bonita CTB located in the in the SWNW quarter of section 8, T22S, R35E, Lea County, New Mexico.

Mr. McClure,

Pursuant to Division Rule 19.15.12.10, Permian Resources Operating, LLC. respectfully requests administrative approval to Surface/Pool Commingle at a Common Central Tank Battery. All wells will have their own dedicated separator.

API Number	Well Name	UL or Q/Q	STR	Pool Name	Pool Code
3002552196	BUTTERS STOTCH 17 STATE COM 122H	SESW	N-17-22S-35E	Rock Lake; Bone Spring	52766
				WC-025 G-07 S2233505N; Bone Spring	98136
3002552484	BUTTERS STOTCH 8 STATE COM 123H	NESE	I-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552485	BUTTERS STOTCH 8 STATE COM 124H	NESE	I-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552199	CASA BONITA 32 STATE COM 121H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552486	CASA BONITA 8 STATE COM 123H	SENE	H-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552487	CASA BONITA 8 STATE COM 124H	SENE	H-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002554132	CASA BONITA 5 STATE COM 301H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
				Rock Lake; Bone Spring	52766
3002554151	CASA BONITA 5 STATE COM 302H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002554262	CASA BONITA 5 STATE COM 303H	NWNE	2-05-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002554263	CASA BONITA 5 STATE COM 304H	NENE	1-05-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136

Each well is metered individually. This action will prevent waste, promote conservation and protect correlative rights. These wells are operated by Permian Resources Operating, LLC. with the diverse ownership. Pursuant Division Rule 19.15.12.10, the interest owners that are to be notified are listed on the attached notice list and are being sent a copy of this application by certified mail, return receipt.

Also Attached:

- NMOC Form C-107B
- NMOC Administrative Application Checklist
- Lease plat shows State Lease boundaries
- Production Flow diagram
- NMOC form C-102 well plats for each well
- A copy of notice letter to interest owners and Notice List

For future addition of wells, leases, and pools to this commingling operation, notice shall be given to the interest owners in the wells, leases or pools to be added, in accordance with the Division Rule 19.15.12.10 C (4)(g) NMAC.

Sincerely,



Kanicia Schlichting
Regulatory Specialist
432-400-0185

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Applicant: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

**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.

Print or Type Name

Date

Phone Number

Signature

e-mail Address

Cassie Evans

Well List

API Number	Well Name	UL or Q/Q	STR	Pool Name	Pool Code	Status
3002552196	BUTTERS STOTCH 17 STATE COM 122H	SESW	N-17-22S-35E	Rock Lake; Bone Spring	52766	New
				WC-025 G-07 S2233505N; Bone Spring	98136	
3002552484	BUTTERS STOTCH 8 STATE COM 123H	NESE	I-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
3002552485	BUTTERS STOTCH 8 STATE COM 124H	NESE	I-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
3002552199	CASA BONITA 32 STATE COM 121H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
3002552486	CASA BONITA 8 STATE COM 123H	SENE	H-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
3002552487	CASA BONITA 8 STATE COM 124H	SENE	H-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
3002554132	CASA BONITA 5 STATE COM 301H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
				Rock Lake; Bone Spring	52766	
3002554151	CASA BONITA 5 STATE COM 302H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
3002554262	CASA BONITA 5 STATE COM 303H	NWNE	2-05-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New
3002554263	CASA BONITA 5 STATE COM 304H	NENE	1-05-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136	New

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

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: Permian Resources Operating, LLC
OPERATOR ADDRESS: 300 N. Marienfeld St., Suite 1000, Midland, TX 79701
APPLICATION TYPE:

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

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
Rock Lake; Bone Spring 52766					
WC-025 G-07 S2233505N; Bone Spring 98136					

- (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 attached 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

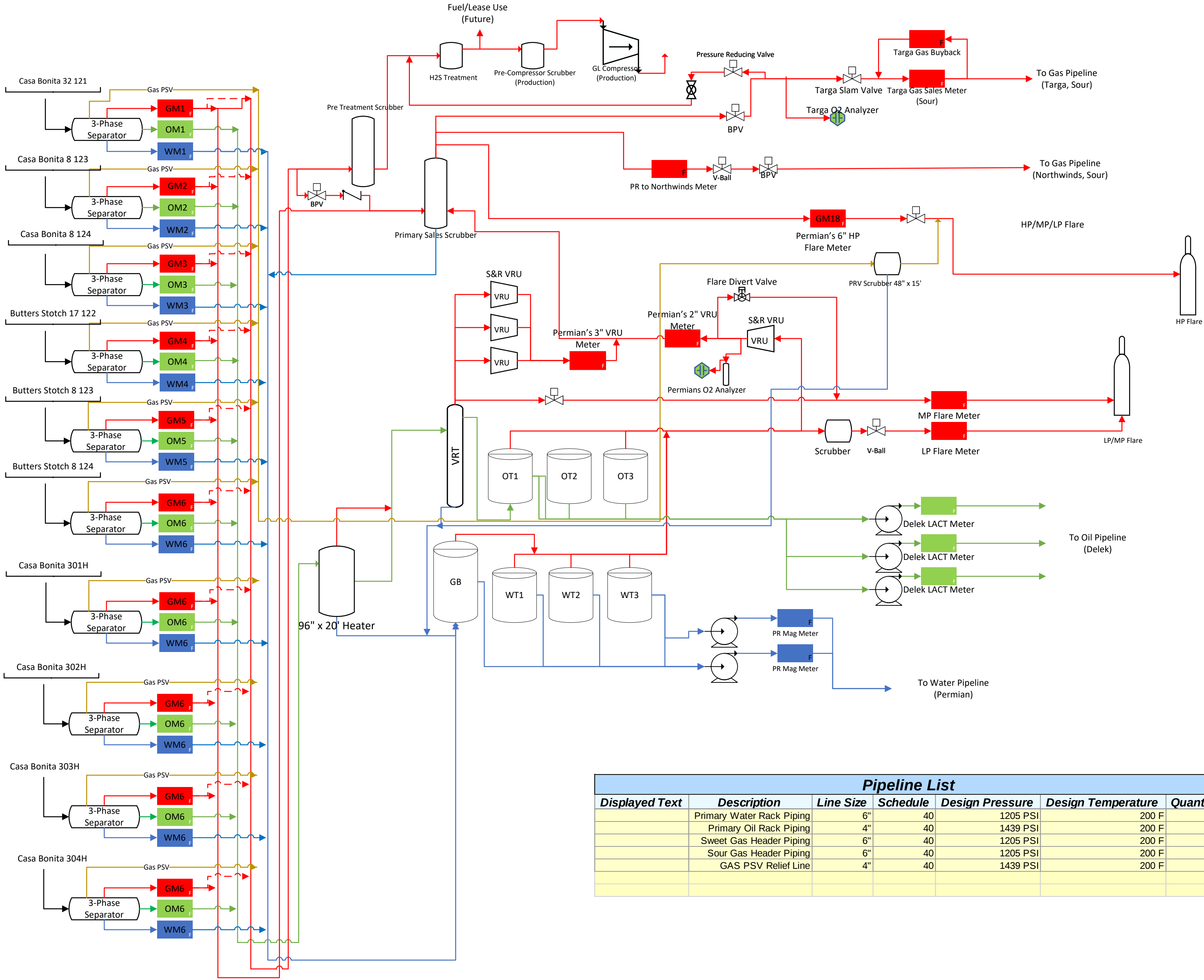
- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

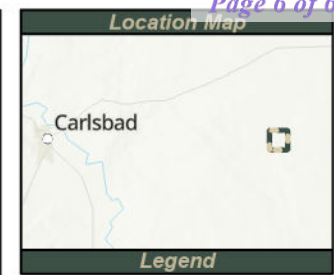
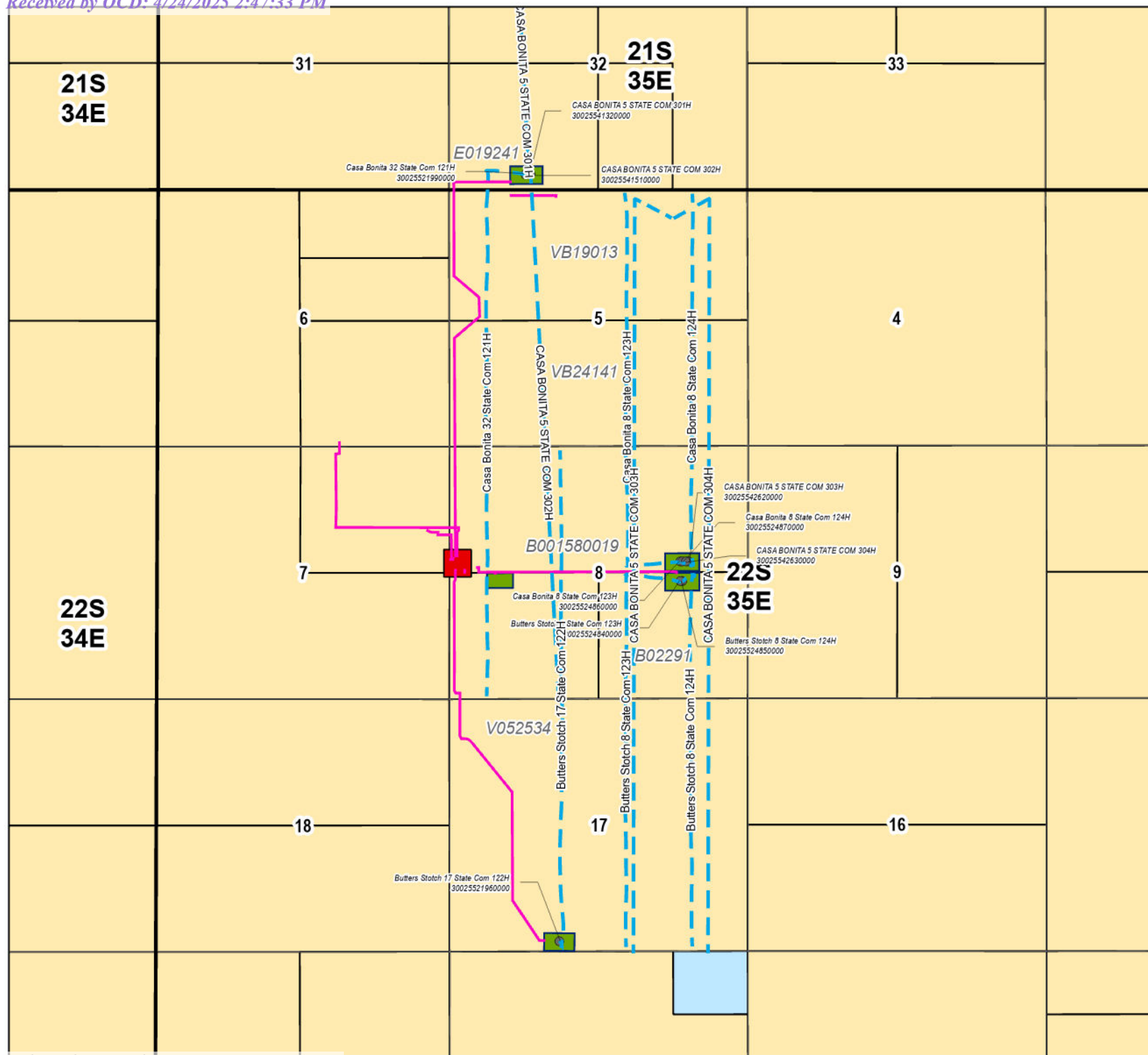
SIGNATURE: K. Schlichting TITLE: Regulatory Specialist DATE: 4/24/25

TYPE OR PRINT NAME Kanicia Schlichting TELEPHONE NO.: 432-400-0185

E-MAIL ADDRESS: kanicia.schlichting@permianres.com



Pipeline List						
Displayed Text	Description	Line Size	Schedule	Design Pressure	Design Temperature	Quantity
	Primary Water Rack Piping	6"	40	1205 PSI	200 F	1
	Primary Oil Rack Piping	4"	40	1439 PSI	200 F	1
	Sweet Gas Header Piping	6"	40	1205 PSI	200 F	1
	Sour Gas Header Piping	6"	40	1205 PSI	200 F	1
	GAS PSV Relief Line	4"	40	1439 PSI	200 F	1



- State Leases
- Federal Leases
- Fee Leases
- Well Pads
- SHL
- Central Tank Battery
- Flowlines
- Communitized Areas
- Wellbores



0 750 1,500 3,000
Feet

Spatial Reference
Name: GCS North American 1983
GCS: GCS North American 1983
Datum: North American 1983
Map Units: Degree

This map and its contents are not a legal surveyed document. It is meant for the use of Permian Resources and its employees and cannot be shared without expressed written authorization.

PERMIAN
RESOURCES



**Casa Bonita
Butters Stotch
Commingling**

Lea County, New Mexico

Created Date: 3/24/2025 Revised Date: 3/24/2025

Author: K. Schlichting Drafter: T. Douglass

Scale: 1 inch = 1 mile

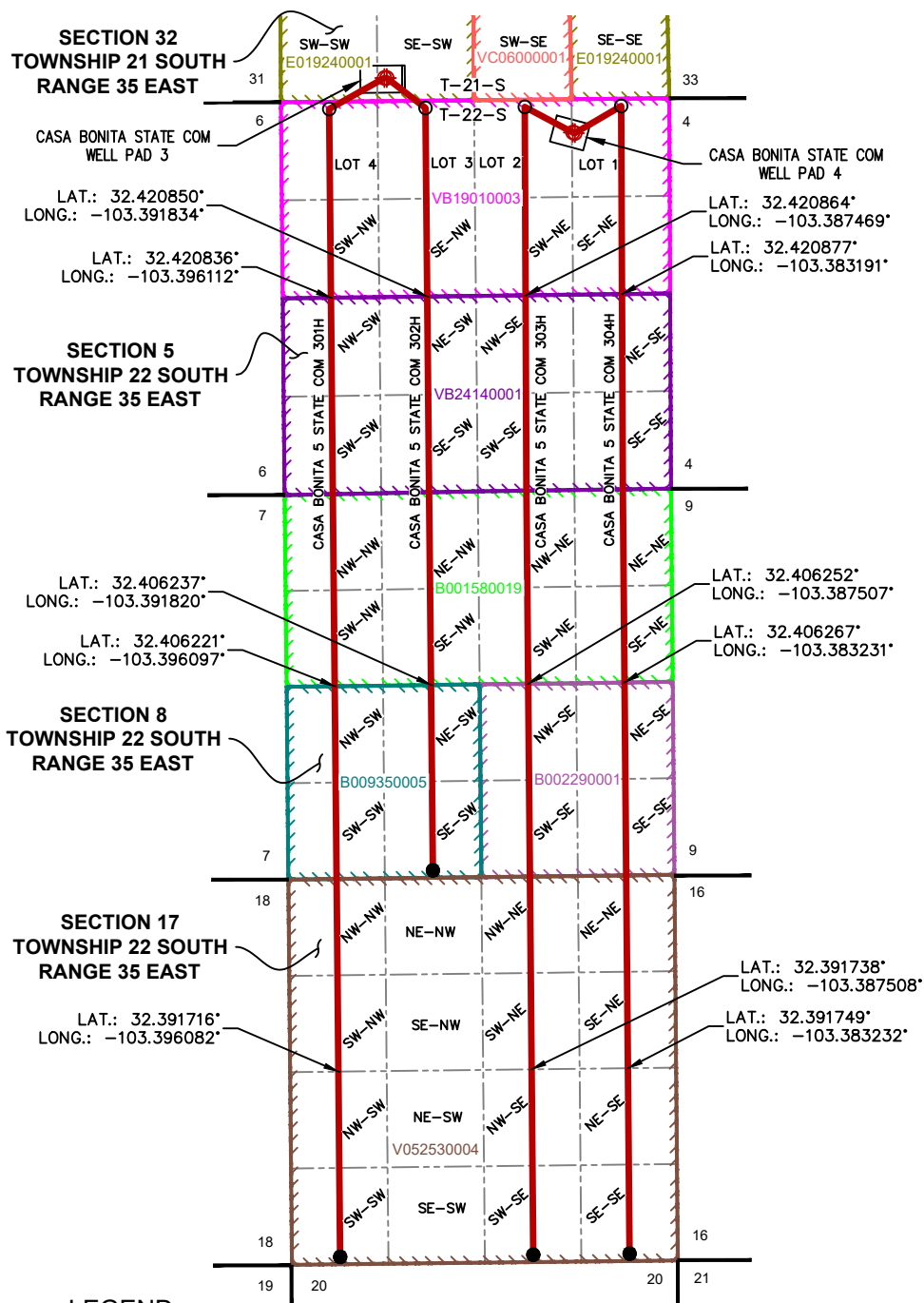
PERMIAN

RESOURCES

LATERAL LEASE EXHIBIT CASA BONITA 5 STATE COM

SECTION 32, TOWNSHIP 21 SOUTH, RANGE 35 EAST
SECTION 5, TOWNSHIP 22 SOUTH, RANGE 35 EAST
SECTION 8, TOWNSHIP 22 SOUTH, RANGE 35 EAST
SECTION 17, TOWNSHIP 22 SOUTH, RANGE 35 EAST

NEW MEXICO PRINCIPAL MERIDIAN
EDDY COUNTY, NEW MEXICO



LEGEND

- SECTION LINE
- PROPOSED LATERAL LEASE TRACT
- SURFACE HOLE LOCATION
- BOTTOM HOLE LOCATION
- FIRST TAKE POINT / LAST TAKE POINT

2500' 0' 2500'



DRAWING PATH: D:\Coosa Consulting Dropbox\Coosa Consulting\Clients - Projects\Permian Resources\24-122734_Casa Bonita\Drafting\Lateral lease exhibit

NOTES:

- 1.) BEARINGS AND COORDINATES ARE GRID AS DERIVED FROM GPS OBSERVATION AND ARE BASED ON THE STATE PLANE COORDINATES FOR THE NEW MEXICO EAST ZONE 3001-NAD 83.
- 2.) CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT. IN RELATION TO THE EVIDENCE DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY THE CLIENT. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES KNOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.

Drawn: LTR

Date: 12/16/2024

Scale: 1"=2500'

Job: 24-122734

Checked: MJM

Date: 12/16/2024

REVISION NO. 0

PAGE 1 OF 1



PO BOX 1583, MIDLAND, TEXAS 79701
FIRM NO. 10194822



300 N. MARIENFELD STREET, SUITE 1000
MIDLAND, TX 79701

OFFICE 432.695.4222
FAX 432.695.4063

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

April 24, 2025

Re: Application of Permian Resources Operating, LLC to authorize surface/pool commingling at the Casa Bonita CTB located in the in the SWNW quarter of section 8, T22S, R35E, Lea County, New Mexico.

Dear Sir/Madam:

Enclosed please find a copy of the above-referenced application to commingle production by method of metering per well at the Casa Bonita Central Tank Battery located in Lea County, New Mexico, filed this date with the New Mexico Oil Conservation Division. This is a request to add to additional leases to already existing commingle order CTB-880.

API Number	Well Name	UL or Q/Q	STR	Pool Name	Pool Code
3002552196	BUTTERS STOTCH 17 STATE COM 122H	SESW	N-17-22S-35E	Rock Lake; Bone Spring	52766
				WC-025 G-07 S2233505N; Bone Spring	98136
3002552484	BUTTERS STOTCH 8 STATE COM 123H	NESE	I-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
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3002554263	CASA BONITA 5 STATE COM 304H	NENE	1-05-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136

Any objection to this application must be filed in writing within twenty (20) days from this date at 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.

Pursuant to Statewide Rule 19.15.12.10(C)(4)(g) Permian Resources Operating, LLC requests the option to include additional pools and/or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact me at (432) 400-0185 or kanicia.schlichting@permianres.com.

Sincerely,

Kanicia Schlichting
Regulatory Specialist

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Artec, NM 87410
District IV
1220 S. St Francis Dr., NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 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	³ Pool Name
	98136	WC-025 G-07 S223505N; Bone Spring
⁴ Property Code	⁵ Property Name	⁶ Well Number
	CASA BONITA 32 STATE COM	#121H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372165	PERMIAN RESOURCES OPERATING, LLC	3,637.90'

¹⁰ Surface Location

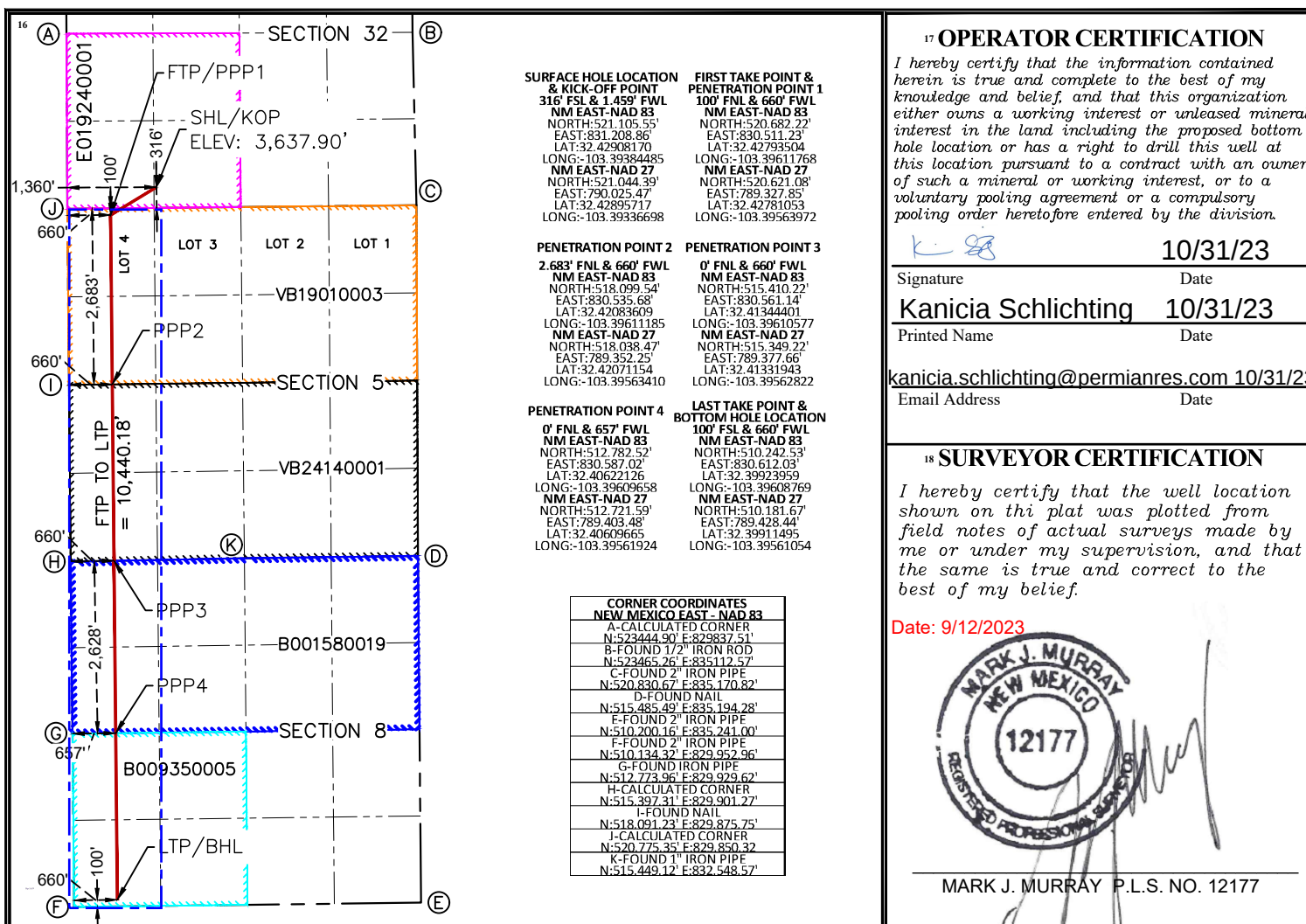
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	32	21 S	35 E		316'	SOUTH	1,360'	WEST	LEA

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
M	8	22 S	35 E		100'	SOUTH	660'	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
322.26			

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, NM 88240
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811 S. First St., Artesia, NM 88210
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1220 S. St Francis Dr., NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
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Santa Fe, NM 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	³ Pool Name
	98136	WC-025 G-07 S223505N; Bone Spring
⁴ Property Code	⁵ Property Name	⁶ Well Number
	BUTTERS STOTCH 17 STATE COM	#122H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372165	PERMIAN RESOURCES OPERATING, LLC	3,548'

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
N	17	22 S	35 E		210'	SOUTH	1,950'	WEST	LEA

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
C	8	22 S	35 E		100'	NORTH	1,980'	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

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.

	SURFACE HOLE LOCATION & KICK-OFF POINT 210' FSL & 1,950' FWL NM EAST-NAD 83 NORTH: 505,092.48' EAST: 831,950.47' LAT: 32.38505255 LONG: -103.39189855 NM EAST-NAD 27 NORTH: 505,031.75' EAST: 790,766.74' LAT: 32.38492782 LONG: -103.39142202 PENETRATION POINT 2 0' FSL & 1,980' FWL NM EAST-NAD 83 NORTH: 510,158.97' EAST: 831,932.81' LAT: 32.39897803 LONG: -103.39181127 NM EAST-NAD 27 NORTH: 510,098.10' EAST: 790,749.24' LAT: 32.39885335 LONG: -103.39133417 LAST TAKE POINT & BOTTOM HOLE LOCATION 100' FNL & 1,980' FWL NM EAST-NAD 83 NORTH: 515,336.05' EAST: 831,882.05' LAT: 32.41320825 LONG: -103.39182800 NM EAST-NAD 27 NORTH: 515,275.05' EAST: 790,698.52' LAT: 32.41308363 LONG: -103.39155068 FIRST TAKE POINT & PENETRATION POINT 1 100' FSL & 1,980' FWL NM EAST-NAD 83 NORTH: 504,983.17' EAST: 831,981.66' LAT: 32.38475136 LONG: -103.39180064 NM EAST-NAD 27 NORTH: 504,922.44' EAST: 790,797.93' LAT: 32.38462662 LONG: -103.39132411 PENETRATION POINT 3 2,636' FNL & 1,977' FWL NM EAST-NAD 83 NORTH: 512,799.71' EAST: 831,906.92' LAT: 32.40623662 LONG: -103.39181981 NM EAST-NAD 27 NORTH: 512,738.77' EAST: 790,723.34' LAT: 32.40611198 LONG: -103.39134269	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.  10/31/23 Signature Date Kanicia Schlichting 10/31/23 Printed Name Date kanicia.schlichting@permianres.com 10/31/23 Email Address Date 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: 9/12/2023  MARK J. MURRAY P.L.S. NO. 12177	

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 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 52766	³ Pool Name Rock Lake; Bone Spring
⁴ Property Code	⁵ Property Name BUTTERS STOTCH 17 STATE COM	⁶ Well Number #122H
⁷ OGRID No. 372165	⁸ Operator Name PERMIAN RESOURCES OPERATING, LLC	⁹ Elevation 3,548'

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
N	17	22 S	35 E		210'	SOUTH	1,950'	WEST	LEA

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
C	8	22 S	35 E		100'	NORTH	1,980'	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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.

Diagram showing well location and acreage dedication plat. The plat includes sections 8 and 17. Key features include: LTP/BHL (Left Top Boundary Line), PPP3 (Proposed Production Point 3), SECTION 8, SECTION 17, V052530004, FTP TO LTP = 10,353.37', FTP/PPP1, SHL/KOP (Shut-in Hole Location/Key Observation Point), ELEV: 3,548', and various corner coordinates (A, B, C, D, E, F, G, H).

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: *K. Schlichting* Date: 10/31/23

Printed Name: Kanicia Schlichting Date: 10/31/23

Email Address: kanicia.schlichting@permianres.com Date: 10/31/23

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: 9/12/2023

MARK J. MURRAY P.L.S. NO. 12177

CORNER COORDINATES NEW MEXICO EAST - NAD 83

A - CALCULATED CORNER	N:515,397.31' E:829,901.27'
B - FOUND 1" IRON PIPE	N:515,449.12' E:832,548.57'
C - FOUND NAIL	N:515,485.49' E:835,184.28'
D - FOUND 2" IRON PIPE	N:510,200.16' E:835,241.00'
E - FOUND 2" IRON PIPE	N:504,920.36' E:835,287.50'
F - FOUND IRON ROD	N:504,860.89' E:830,002.73'
G - FOUND 2" IRON PIPE	N:510,134.32' E:829,952.96'
H - FOUND IRON PIPE	N:512,773.96' E:829,929.62'

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	Pool Code 52766	Pool Name Rock Lake; Bone Spring
Property Code	Property Name CASA BONITA 5 STATE COM	Well Number 301H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,639.00'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL N	Section 32	Township 21S	Range 35E	Lot	Ft. from N/S 316' FSL	Ft. from E/W 1,420' FWL	Latitude 32.429082°	Longitude -103.393650°	County LEA
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Bottom Hole Location

UL M	Section 17	Township 22S	Range 35E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 660' FWL	Latitude 32.384742°	Longitude -103.396076°	County LEA
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Dedicated Acres 482.26	Infill or Defining Well Defining	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL N	Section 32	Township 21S	Range 35E	Lot	Ft. from N/S 316' FSL	Ft. from E/W 1,420' FWL	Latitude 32.429082°	Longitude -103.393650°	County LEA
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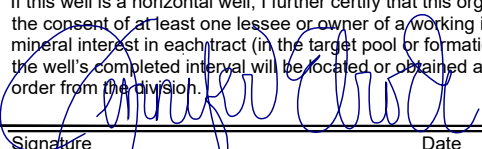
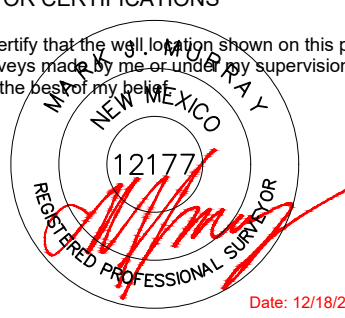
First Take Point (FTP)

UL LOT 4	Section 5	Township 22S	Range 35E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 660' FWL	Latitude 32.427935°	Longitude -103.396118°	County LEA
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Last Take Point (LTP)

UL M	Section 17	Township 22S	Range 35E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 660' FWL	Latitude 32.384742°	Longitude -103.396076°	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
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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 a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.  Signature _____ Date 12/19/2024 Printed Name Jennifer Elrod Email Address jennifer.elrod@permianres.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.  Date: 12/18/2024 Signature and Seal of Professional Surveyor Certificate Number 12177 Date of Survey 12/18/2024	
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[illegible]

LAST TAKE POINT &
BOTTOM HOLE LOCATION
100' FSL & 660' FWL

NAD 83 X = 830,661.74'
NAD 83 Y = 504,968.31'
NAD 83 LAT = 32.384742°
NAD 83 LONG = -103.396076°
NAD 27 X = 789,478.05'
NAD 27 Y = 504,907.60'
NAD 27 LAT = 32.384618°
NAD 27 LONG = -103.395600°



Date: 12/18/2024

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	Pool Code 98136	Pool Name WC-025 G-07 S223505N; Bone Spring
Property Code	Property Name CASA BONITA 5 STATE COM	Well Number 301H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,639.00'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL N	Section 32	Township 21S	Range 35E	Lot	Ft. from N/S 316' FSL	Ft. from E/W 1,420' FWL	Latitude 32.429082°	Longitude -103.393650°	County LEA
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Bottom Hole Location

UL M	Section 17	Township 22S	Range 35E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 660' FWL	Latitude 32.384742°	Longitude -103.396076°	County LEA
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Dedicated Acres 482.26	Infill or Defining Well Defining	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

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UL N	Section 32	Township 21S	Range 35E	Lot	Ft. from N/S 316' FSL	Ft. from E/W 1,420' FWL	Latitude 32.429082°	Longitude -103.393650°	County LEA
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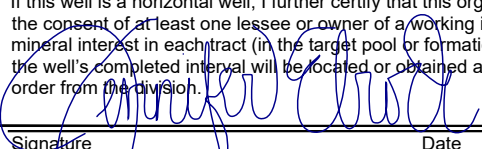
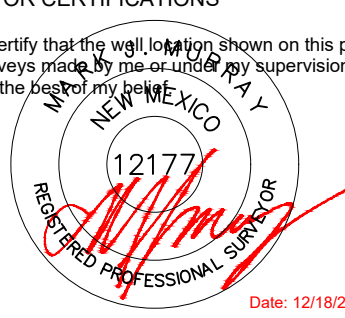
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Last Take Point (LTP)

UL M	Section 17	Township 22S	Range 35E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 660' FWL	Latitude 32.384742°	Longitude -103.396076°	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
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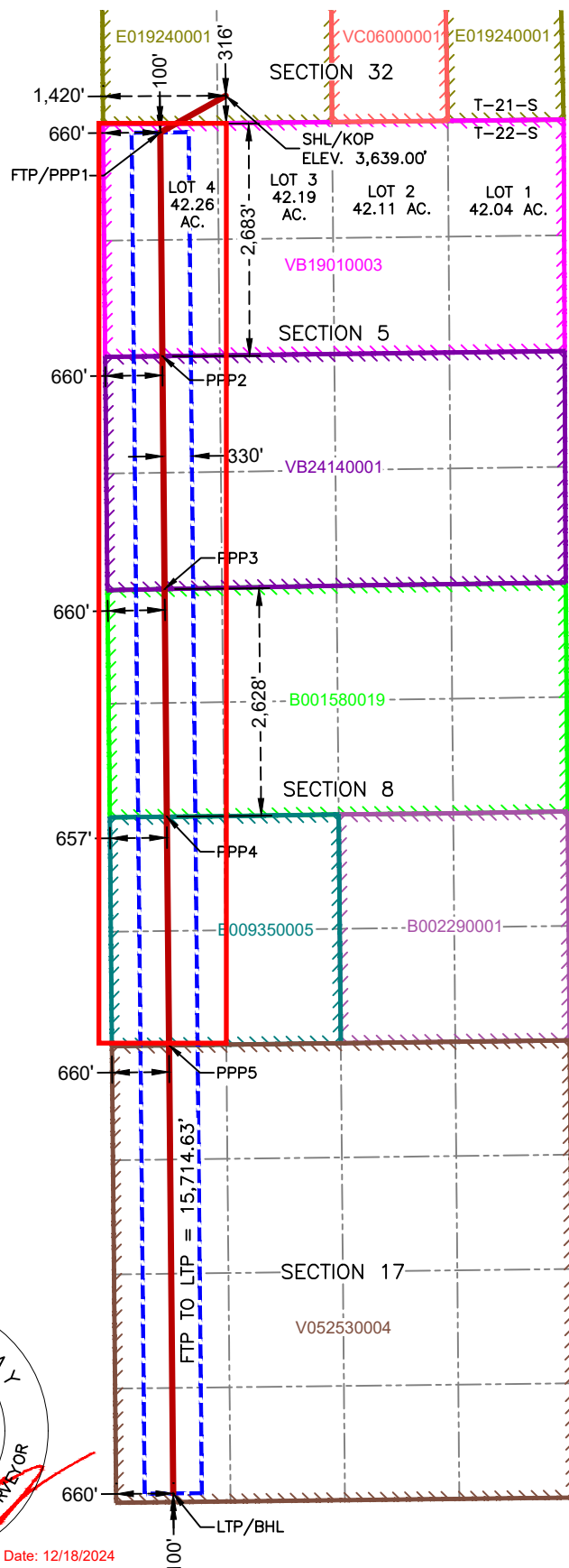
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ACREAGE DEDICATION PLATS

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**SURFACE HOLE LOCATION
& KICK-OFF POINT**
316' FSL & 1,420' FWL
ELEV. = 3,639.00'

NAD 83 X = 831,268.86'
NAD 83 Y = 521,106.21'
NAD 83 LAT = 32.429082°
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NAD 27 X = 790,085.46'
NAD 27 Y = 521,045.05'
NAD 27 LAT = 32.428958°
NAD 27 LONG = -103.393173°

**FIRST TAKE POINT &
PENETRATION POINT 1**
100' FNL & 660' FWL
NAD 83 X = 830,511.23'
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PENETRATION POINT 2
2,683' FNL & 660' FWL
NAD 83 X = 830,535.68'
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NAD 83 LONG = -103.396112°
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PENETRATION POINT 4
2,628' FNL & 657' FWL
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PENETRATION POINT 5
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Date: 12/18/2024

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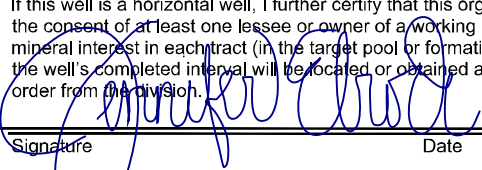
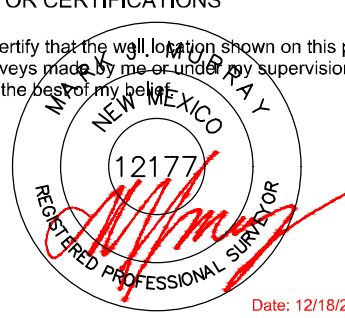
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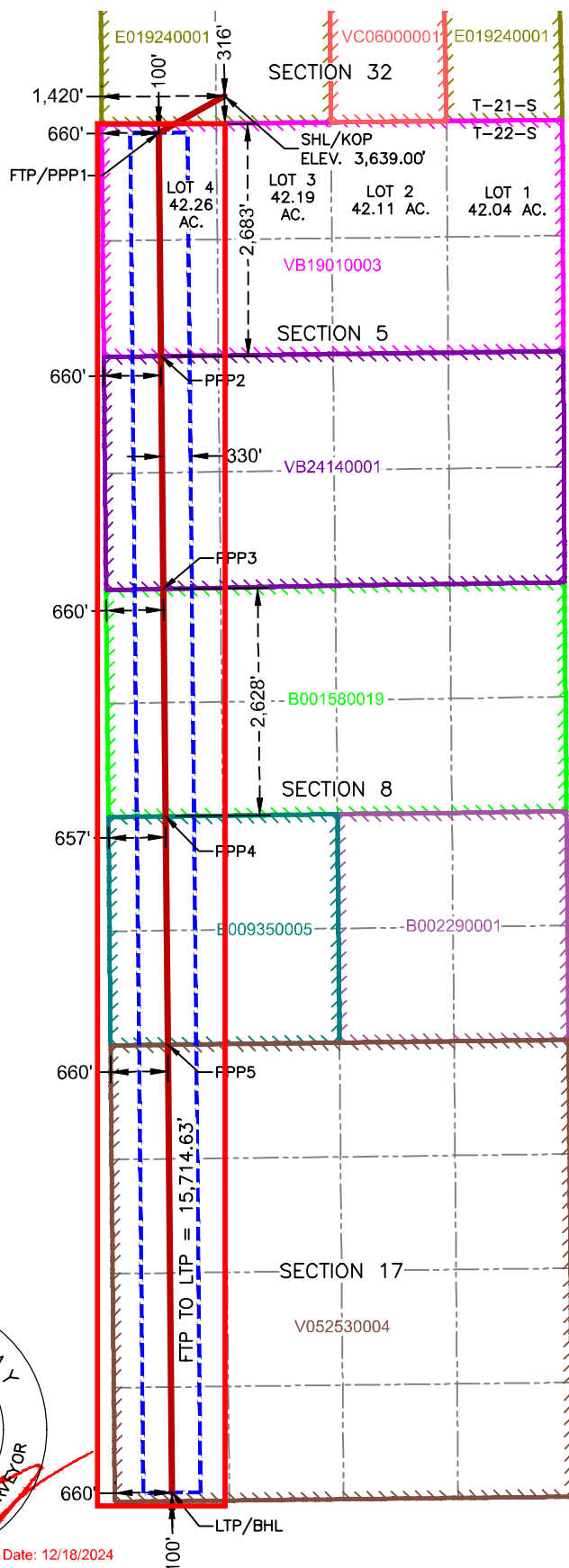
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		Submittal Type:	☒ Initial Submittal
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			☐ As Drilled

WELL LOCATION INFORMATION

API Number 30-025-54262	Pool Code 98136	Pool Name WC-025 G-07 S223505N; Bone Spring
Property Code 336595	Property Name CASA BONITA 5 STATE COM	Well Number 303H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,628.00'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL LOT 2	Section 5	Township 22S	Range 35E	Lot	Ft. from N/S 598' FNL	Ft. from E/W 1,365' FEL	Latitude 32.426580°	Longitude -103.385447°	County LEA
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Bottom Hole Location

UL O	Section 17	Township 22S	Range 35E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 1,980' FEL	Latitude 32.384760°	Longitude -103.387508°	County LEA
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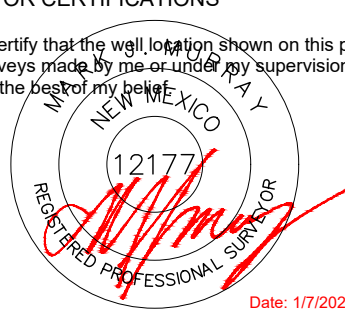
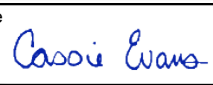
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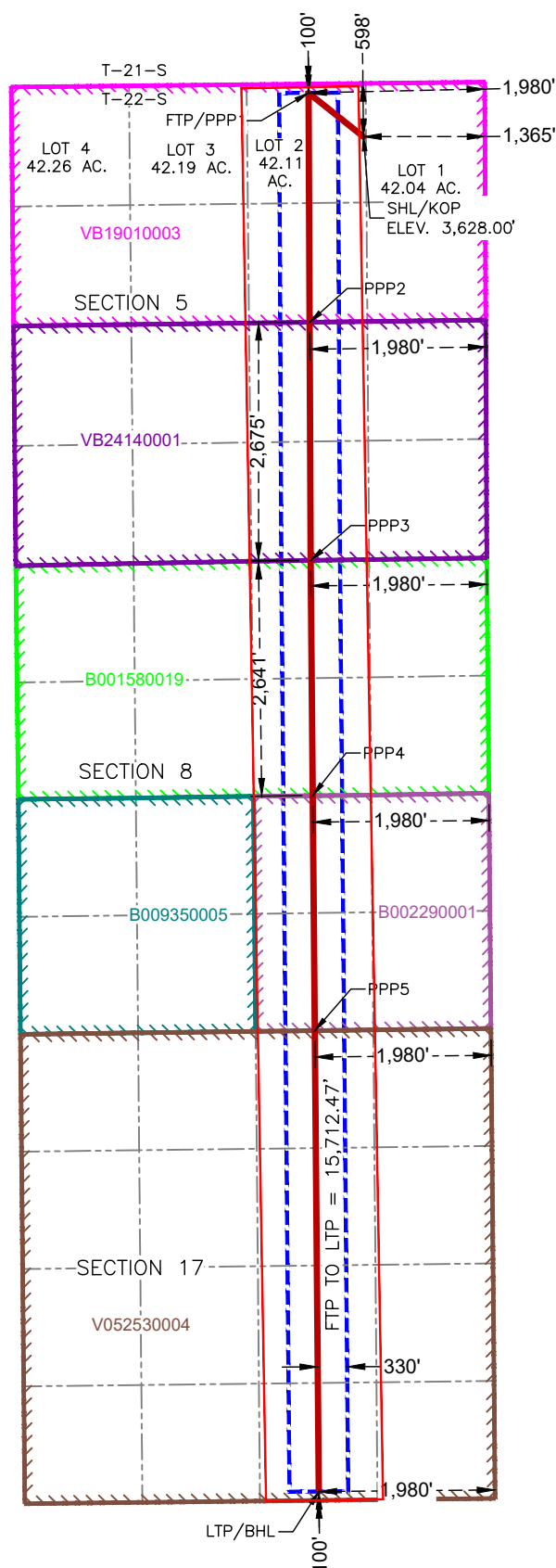
Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		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.  Date: 1/7/2025	
Signature  Date 1/24/25		Signature and Seal of Professional Surveyor	
Printed Name Cassie Evans		Certificate Number 12177	Date of Survey 1/7/2025
Email Address Cassie.Evans@permianres.com			

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.

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 the 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.

SURFACE HOLE LOCATION
& KICK-OFF POINT
598' FNL & 1,365' FEL
ELEV. = 3,628.00'



NAD 83 X = 833,191.33'
NAD 83 Y = 520,710.09'
NAD 83 LAT = 32.427947°
NAD 83 LONG = -103.387432°
NAD 27 X = 792,007.87'
NAD 27 Y = 520,648.93'
NAD 27 LAT = 32.427822°
NAD 27 LONG = -103.386954°

NAD 83 X = 833,202.68'
NAD 83 Y = 518,133.14'
NAD 83 LAT = 32.420864°
NAD 83 LONG = -103.387469°
NAD 27 X = 792,019.17'
NAD 27 Y = 518,072.05'
NAD 27 LAT = 32.420739°
NAD 27 LONG = -103.386991°

NAD 83 X = 833,214.46'
NAD 83 Y = 515,458.27'
NAD 83 LAT = 32.413512°
NAD 83 LONG = -103.387507°
NAD 27 X = 792,030.90'
NAD 27 Y = 515,397.26'
NAD 27 LAT = 32.413387°
NAD 27 LONG = -103.387030°

NAD 83 X = 833,237.81'
NAD 83 Y = 512,817.04'
NAD 83 LAT = 32.406252°
NAD 83 LONG = -103.387507°
NAD 27 X = 792,054.20'
NAD 27 Y = 512,756.10'
NAD 27 LAT = 32.406127°
NAD 27 LONG = -103.387031°

NAD 83 X = 833,261.16'
NAD 83 Y = 510,175.51'
NAD 83 LAT = 32.398991°
NAD 83 LONG = -103.387507°
NAD 27 X = 792,077.49'
NAD 27 Y = 510,114.63'
NAD 27 LAT = 32.398867°
NAD 27 LONG = -103.387031°

NAD 83 X = 833,306.74'
NAD 83 Y = 504,998.08'
NAD 83 LAT = 32.384760°
NAD 83 LONG = -103.387508°
NAD 27 X = 792,122.97'
NAD 27 Y = 504,937.34'
NAD 27 LAT = 32.384635°
NAD 27 LONG = -103.387032°

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 30-025-54263	Pool Code 98136	Pool Name WC-025 G-07 S223505N; Bone Spring
Property Code 336595	Property Name CASA BONITA 5 STATE COM	Well Number 304H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,628.05'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL LOT 1	Section 5	Township 22S	Range 35E	Lot	Ft. from N/S 607' FNL	Ft. from E/W 1,333' FEL	Latitude 32.426556°	Longitude -103.385344°	County LEA
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Bottom Hole Location

UL P	Section 17	Township 22S	Range 35E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 660' FEL	Latitude 32.384769°	Longitude -103.383232°	County LEA
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Dedicated Acres 480	Infill or Defining Well Defining	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL LOT 1	Section 5	Township 22S	Range 35E	Lot	Ft. from N/S 607' FNL	Ft. from E/W 1,333' FEL	Latitude 32.426556°	Longitude -103.385344°	County LEA
--------------------	---------------------	------------------------	---------------------	-----	---------------------------------	-----------------------------------	-------------------------------	----------------------------------	----------------------

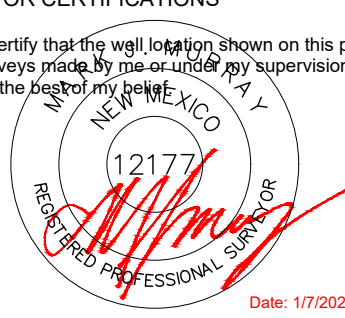
First Take Point (FTP)

UL LOT 1	Section 5	Township 22S	Range 35E	Lot	Ft. from N/S 100' FNL	Ft. from E/W 660' FEL	Latitude 32.427952°	Longitude -103.383154°	County LEA
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Last Take Point (LTP)

UL P	Section 17	Township 22S	Range 35E	Lot	Ft. from N/S 100' FSL	Ft. from E/W 660' FEL	Latitude 32.384769°	Longitude -103.383232°	County LEA
----------------	----------------------	------------------------	---------------------	-----	---------------------------------	---------------------------------	-------------------------------	----------------------------------	----------------------

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
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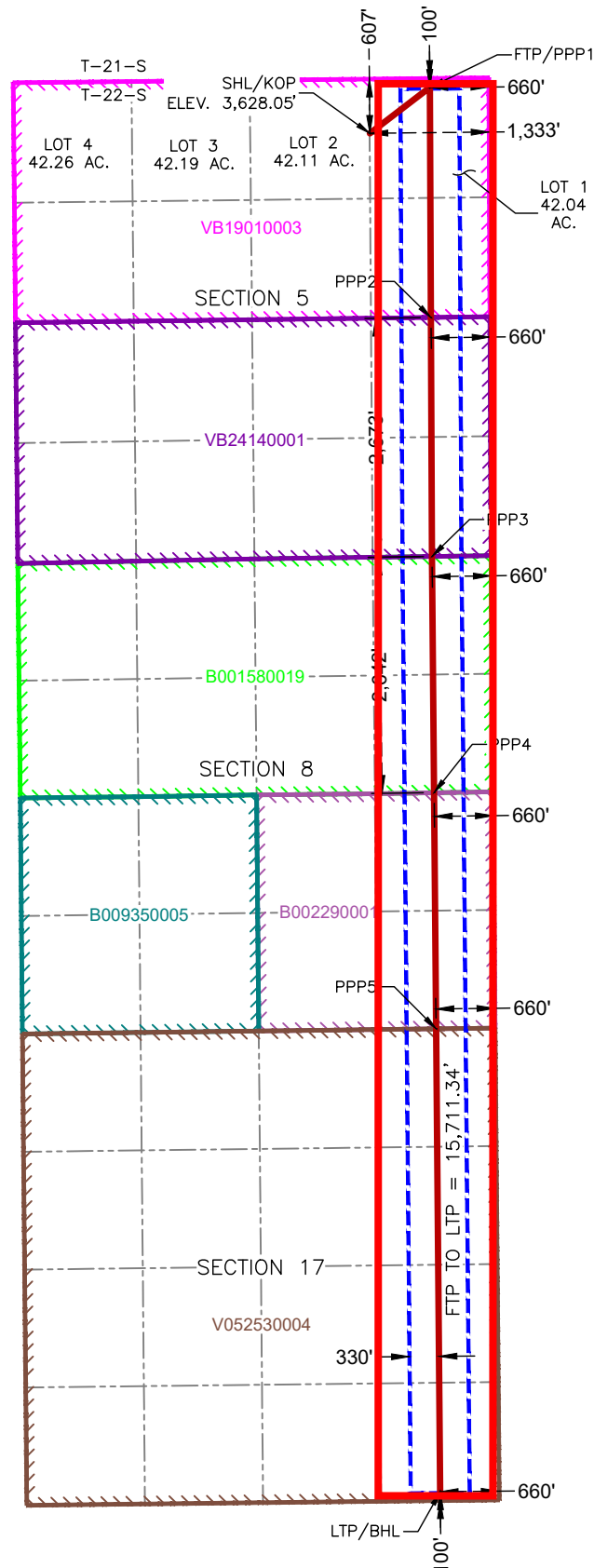
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		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.  Date: 1/7/2025	
Signature <i>Cassie Evans</i>		Signature and Seal of Professional Surveyor	
Date 1/24/25			
Printed Name Cassie Evans		Certificate Number 12177	Date of Survey 1/7/2025
Email Address Cassie.Evans@permianres.com			

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 the 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.



**SURFACE HOLE LOCATION
& KICK-OFF POINT**
607' FNL & 1,333' FEL
ELEV. = 3,628.05'

NAD 83 X = 833,840.07'
NAD 83 Y = 520,209.73'
NAD 83 LAT = 32.426556°
NAD 83 LONG = -103.385344°
NAD 27 X = 792,656.58'
NAD 27 Y = 520,148.59'
NAD 27 LAT = 32.426431°
NAD 27 LONG = -103.384866°

**FIRST TAKE POINT &
PENETRATION POINT 1**
100' FNL & 660' FEL
NAD 83 X = 834,511.28'
NAD 83 Y = 520,723.81'
NAD 83 LAT = 32.427952°
NAD 83 LONG = -103.383154°
NAD 27 X = 793,327.78'
NAD 27 Y = 520,662.65'
NAD 27 LAT = 32.427828°
NAD 27 LONG = -103.382677°

PENETRATION POINT 2
2,673' FSL & 660' FEL
NAD 83 X = 834,522.59'
NAD 83 Y = 518,149.77'
NAD 83 LAT = 32.420877°
NAD 83 LONG = -103.383191°
NAD 27 X = 793,339.04'
NAD 27 Y = 518,088.67'
NAD 27 LAT = 32.420753°
NAD 27 LONG = -103.382714°

PENETRATION POINT 3
0' FSL & 660' FEL
NAD 83 X = 834,534.34'
NAD 83 Y = 515,476.42'
NAD 83 LAT = 32.413530°
NAD 83 LONG = -103.383230°
NAD 27 X = 793,350.74'
NAD 27 Y = 515,415.39'
NAD 27 LAT = 32.413405°
NAD 27 LONG = -103.382753°

PENETRATION POINT 4
2,642' FNL & 660' FEL
NAD 83 X = 834,557.70'
NAD 83 Y = 512,834.23'
NAD 83 LAT = 32.406267°
NAD 83 LONG = -103.383231°
NAD 27 X = 793,374.05'
NAD 27 Y = 512,773.28'
NAD 27 LAT = 32.406142°
NAD 27 LONG = -103.382754°

PENETRATION POINT 5
0' FSL & 660' FEL
NAD 83 X = 834,581.06'
NAD 83 Y = 510,191.94'
NAD 83 LAT = 32.399004°
NAD 83 LONG = -103.383231°
NAD 27 X = 793,397.35'
NAD 27 Y = 510,131.06'
NAD 27 LAT = 32.398880°
NAD 27 LONG = -103.382755°

**LAST TAKE POINT &
BOTTOM HOLE LOCATION**
100' FSL & 660' FEL
NAD 83 X = 834,626.66'
NAD 83 Y = 505,012.93'
NAD 83 LAT = 32.384769°
NAD 83 LONG = -103.383232°
NAD 27 X = 793,442.85'
NAD 27 Y = 504,952.19'
NAD 27 LAT = 32.384644°
NAD 27 LONG = -103.382756°

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-Completed

WELL LOCATION INFORMATION

API Number 30-025-52486	Pool Code 98136	Pool Name WC-025 G-07 S223505N; BONE SPRING
Property Code 334833	Property Name CASA BONITA 8 STATE COM	Well Number 123H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,582'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL H	Section 8	Township 22 S	Range 35 E	Lot	Ft. from N/S 2,422' FNL	Ft. from E/W 1,191' FEL	Latitude 32.406864	Longitude -103.384951	County LEA
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Bottom Hole Location

UL LOT 2	Section 5	Township 22 S	Range 35 E	Lot	Ft. from N/S 65' FNL	Ft. from E/W 2,206' FEL	Latitude 32.428042	Longitude -103.388163	County LEA
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Dedicated Acres 242.11	Infill or Defining Well DEFINING WELL	Defining Well API 30-025-52486	Overlapping Spacing Unit (Y/N) NO	Consolidation Code COM # 204946
Order Numbers. R-23027			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL G	Section 8	Township 22 S	Range 35 E	Lot	Ft. from N/S 2,497' FNL	Ft. from E/W 2,126' FEL	Latitude 32.406647	Longitude -103.387982	County LEA
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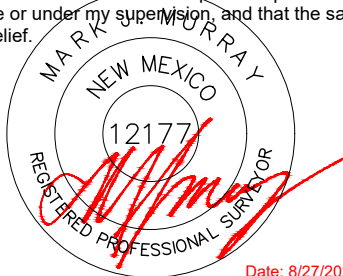
First Take Point (FTP)

UL G	Section 8	Township 22 S	Range 35 E	Lot	Ft. from N/S 2,164' FNL	Ft. from E/W 2,127' FEL	Latitude 32.407561	Longitude -103.387984	County LEA
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Last Take Point (LTP)

UL LOT 2	Section 5	Township 22 S	Range 35 E	Lot	Ft. from N/S 120' FNL	Ft. from E/W 2,199' FEL	Latitude 32.427890	Longitude -103.388143	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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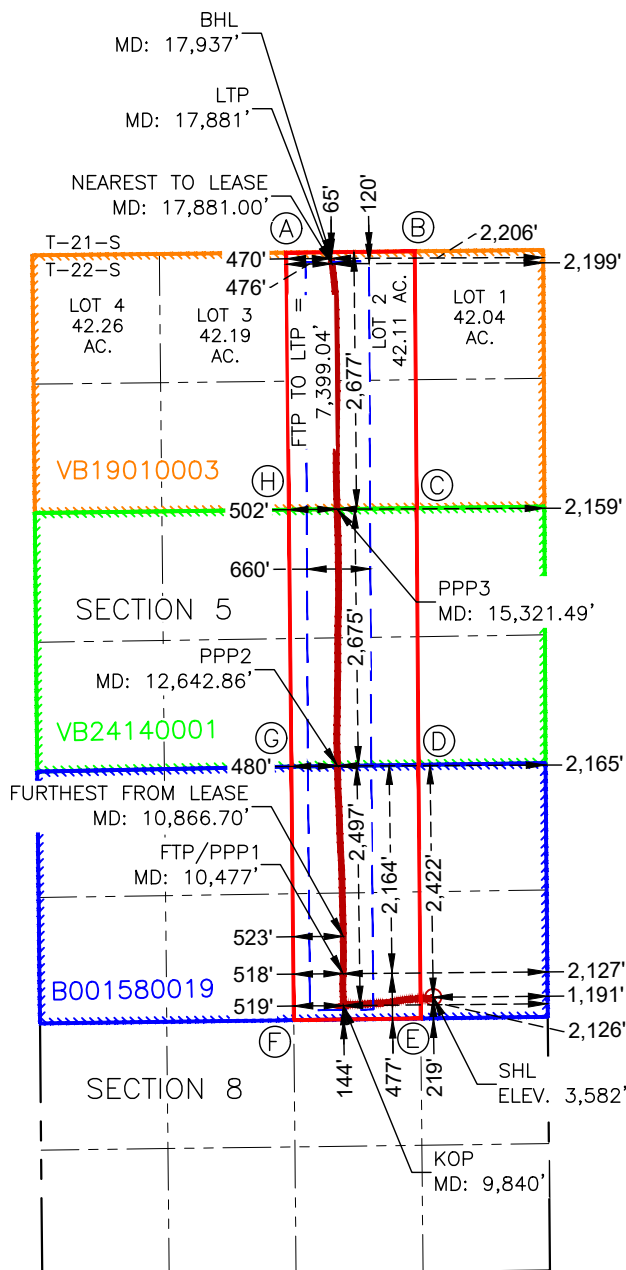
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		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.  Date: 8/27/2024	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____	
Printed Name _____		Certificate Number 12177	Date of Survey 8/27/2024
Email Address _____			

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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 the 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.



SURFACE HOLE LOCATION
2,422' FNL & 1,191' FEL
ELEV. = 3,582'

NAD 83 X = 834,024.80'
NAD 83 Y = 513,046.70'
NAD 83 LAT = 32.406864°
NAD 83 LONG = -103.384951°

KICK-OFF POINT
2,497' FNL & 2,126' FEL
MD = 9,840.00'

NAD 83 X = 833,090.18'
NAD 83 Y = 512,959.52'
NAD 83 LAT = 32.406647°
NAD 83 LONG = -103.387982°

FIRST TAKE POINT
2,164' FNL & 2,127' FEL
MD = 10,477.00'

NAD 83 X = 833,086.45'
NAD 83 Y = 513,292.15'
NAD 83 LAT = 32.407561°
NAD 83 LONG = -103.387984°

PENETRATION POINT 2
0' FSL & 2,165' FEL
MD = 12,642.86'

NAD 83 X = 833,028.95'
NAD 83 Y = 515,455.72'
NAD 83 LAT = 32.413509°
NAD 83 LONG = -103.388108°

PENETRATION POINT 3
2,675' FSL & 2,159' FEL
MD = 15,321.49'

NAD 83 X = 833,023.95'
NAD 83 Y = 518,130.89'
NAD 83 LAT = 32.420862°
NAD 83 LONG = -103.388048°

LAST TAKE POINT
120' FNL & 2,199' FEL
MD = 17,881.00'

NAD 83 X = 832,972.03'
NAD 83 Y = 520,687.36'
NAD 83 LAT = 32.427890°
NAD 83 LONG = -103.388143°

BOTTOM HOLE LOCATION
65' FNL & 2,206' FEL
MD = 17,937.00'

NAD 83 X = 832,965.44'
NAD 83 Y = 520,742.91'
NAD 83 LAT = 32.428042°
NAD 83 LONG = -103.388163°

HSU CORNER COORDINATES NEW MEXICO EAST - NAD 83	
POINT	NORTHING/EASTING
A	FOUND 1/2" IRON ROD N:520,802.85' E:832,494.80'
B	CALCULATED CORNER N:520,816.76' E:833,832.81'
C	CALCULATED CORNER N:518,141.32' E:833,852.12'
D	CALCULATED CORNER N:515,467.30' E:833,871.42'
E	CALCULATED CORNER N:512,825.60' E:833,895.21'
F	CALCULATED CORNER N:512,808.38' E:832,572.77'
G	FOUND 1" IRON PIPE N:515,449.12' E:832,548.57'
H	CALCULATED CORNER N:518,124.56' E:832,521.70'

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Artec, NM 87410
District IV
1220 S. St Francis Dr., NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 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	³ Pool Name
	98136	WC-025 G-07 S223505N; Bone Spring
⁴ Property Code	⁵ Property Name	⁶ Well Number
334833	CASA BONITA 8 STATE COM	#124H
⁷ OGRID No.	⁸ Operator Name	⁹ Elevation
372165	PERMIAN RESOURCES OPERATING, LLC	3,582'

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	8	22 S	35 E		2,423'	NORTH	1,158'	EAST	LEA

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
L1	5	22 S	35 E		100'	NORTH	990'	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
242.04			

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.

¹⁶

SURFACE HOLE LOCATION & KICK-OFF POINT
2,423' FNL & 1,158' FEL
NM EAST-NAD 83
NORTH: 513.047.06'
EAST: 834.057.80'
LAT: 32.40686419
LONG: -103.38484216
NM EAST-NAD 27
NORTH: 512.986.10'
EAST: 792.874.17'
LAT: 32.40673949
LONG: -103.38436738

FIRST TAKE POINT & PENETRATION POINT 1
2,540' FNL & 990' FEL
NM EAST-NAD 83
NORTH: 512.931.95'
EAST: 834.226.81'
LAT: 32.40654369
LONG: -103.38429987
NM EAST-NAD 27
NORTH: 512.871.00'
EAST: 793.043.18'
LAT: 32.40641899
LONG: -103.38382313

PENETRATION POINT 2
0' FSL & 990' FEL
NM EAST-NAD 83
NORTH: 515.471.88'
EAST: 834.204.37'
LAT: 32.41352511
LONG: -103.38429953
NM EAST-NAD 27
NORTH: 515.410.86'
EAST: 793.020.78'
LAT: 32.41340044
LONG: -103.38382259

PENETRATION POINT 3
2,674' FSL & 990' FEL
NM EAST-NAD 83
NORTH: 518.145.61'
EAST: 834.192.61'
LAT: 32.42087400
LONG: -103.38426069
NM EAST-NAD 27
NORTH: 518.084.52'
EAST: 793.009.08'
LAT: 32.42074936
LONG: -103.38378354

LAST TAKE POINT & BOTTOM HOLE LOCATION
100' FNL & 990' FEL
NM EAST-NAD 83
NORTH: 520.720.38'
EAST: 834.181.29'
LAT: 32.42795088
LONG: -103.38422326
NM EAST-NAD 27
NORTH: 520.659.22'
EAST: 792.997.80'
LAT: 32.42782627
LONG: -103.38374593

CORNER COORDINATES
NEW MEXICO EAST - NAD 83
A-CALCULATED CORNER
N: 520.775.35' E: 829.850.32'
B-FOUND 1/2" IRON ROD
N: 520.802.85' E: 832.494.80'
C-FOUND 2" IRON PIPE
N: 520.830.67' E: 835.170.82'
D-FOUND NAIL
N: 515.485.49' E: 835.194.28'
E-FOUND 2" IRON PIPE
N: 510.200.16' E: 835.241.00'
F-FOUND 2" IRON PIPE
N: 510.134.32' E: 829.952.96'
G-FOUND IRON PIPE
N: 512.773.96' E: 829.929.62'
H-CALCULATED CORNER
N: 515.397.31' E: 829.901.27'
I-FOUND NAIL
N: 518.091.23' E: 829.875.75'
J-FOUND 1" IRON PIPE
N: 515.449.12' E: 832.548.57'

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.

 1/23/24
Signature Date
Kanicia Schlichting 1/23/24
Printed Name Date
kanicia.schlichting@permianres.com 1/23/24
Email Address Date

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: 12/18/2023


MARK J. MURRAY P.L.S. NO. 12177

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-Completed

WELL LOCATION INFORMATION

API Number 30-025-52487	Pool Code 98136	Pool Name WC-025 G-07 S223505N; BONE SPRING
Property Code 334833	Property Name CASA BONITA 8 STATE COM	Well Number 124H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,578.52'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL H	Section 8	Township 22 S	Range 35 E	Lot	Ft. from N/S 2,423' FNL	Ft. from E/W 1,158' FEL	Latitude 32.406864	Longitude -103.384844	County LEA
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Bottom Hole Location

UL LOT 1	Section 5	Township 22 S	Range 35 E	Lot	Ft. from N/S 87' FNL	Ft. from E/W 1,008' FEL	Latitude 32.427988	Longitude -103.384283	County LEA
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Dedicated Acres 242.04	Infill or Defining Well DEFINING WELL	Defining Well API 30-025-52487	Overlapping Spacing Unit (Y/N) NO	Consolidation Code COM # 204947
Order Numbers. R-23028			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL H	Section 8	Township 22 S	Range 35 E	Lot	Ft. from N/S 2,459' FNL	Ft. from E/W 969' FEL	Latitude 32.406768	Longitude -103.384232	County LEA
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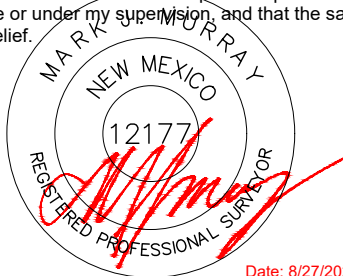
First Take Point (FTP)

UL H	Section 8	Township 22 S	Range 35 E	Lot	Ft. from N/S 1,928' FNL	Ft. from E/W 1,006' FEL	Latitude 32.408226	Longitude -103.384350	County LEA
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Last Take Point (LTP)

UL LOT 1	Section 5	Township 22 S	Range 35 E	Lot	Ft. from N/S 137' FNL	Ft. from E/W 1,006' FEL	Latitude 32.427848	Longitude -103.384274	County LEA
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☐ Horizontal ☐ Vertical	Ground Floor Elevation:
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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 a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.		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.  Date: 8/27/2024	
Signature _____ Date _____		Signature and Seal of Professional Surveyor _____	
Printed Name _____		Certificate Number 12177	Date of Survey 8/27/2024
Email Address _____			

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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 the 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.

SURFACE HOLE LOCATION
2,423' FNL & 1,158' FEL
ELEV. = 3,578.52'

NAD 83 X = 834,057.80'
NAD 83 Y = 513,047.06'
NAD 83 LAT = 32.406864°
NAD 83 LONG = -103.384844°

KICK-OFF POINT
2,459' FNL & 969' FEL
MD = 9,701.00'

NAD 83 X = 834,246.89'
NAD 83 Y = 513,013.66'
NAD 83 LAT = 32.406768°
NAD 83 LONG = -103.384232°

FIRST TAKE POINT
1,928' FNL & 1,006' FEL
MD = 10,465.00'

NAD 83 X = 834,205.88'
NAD 83 Y = 513,543.91'
NAD 83 LAT = 32.408226°
NAD 83 LONG = -103.384350°

PENETRATION POINT 2
0' FSL & 98' FEL
MD = 12,394.67'

NAD 83 X = 834,206.95'
NAD 83 Y = 515,471.93'
NAD 83 LAT = 32.413525°
NAD 83 LONG = -103.384291°

PENETRATION POINT 3
2,674' FSL & 997' FEL
MD = 15,071.71'

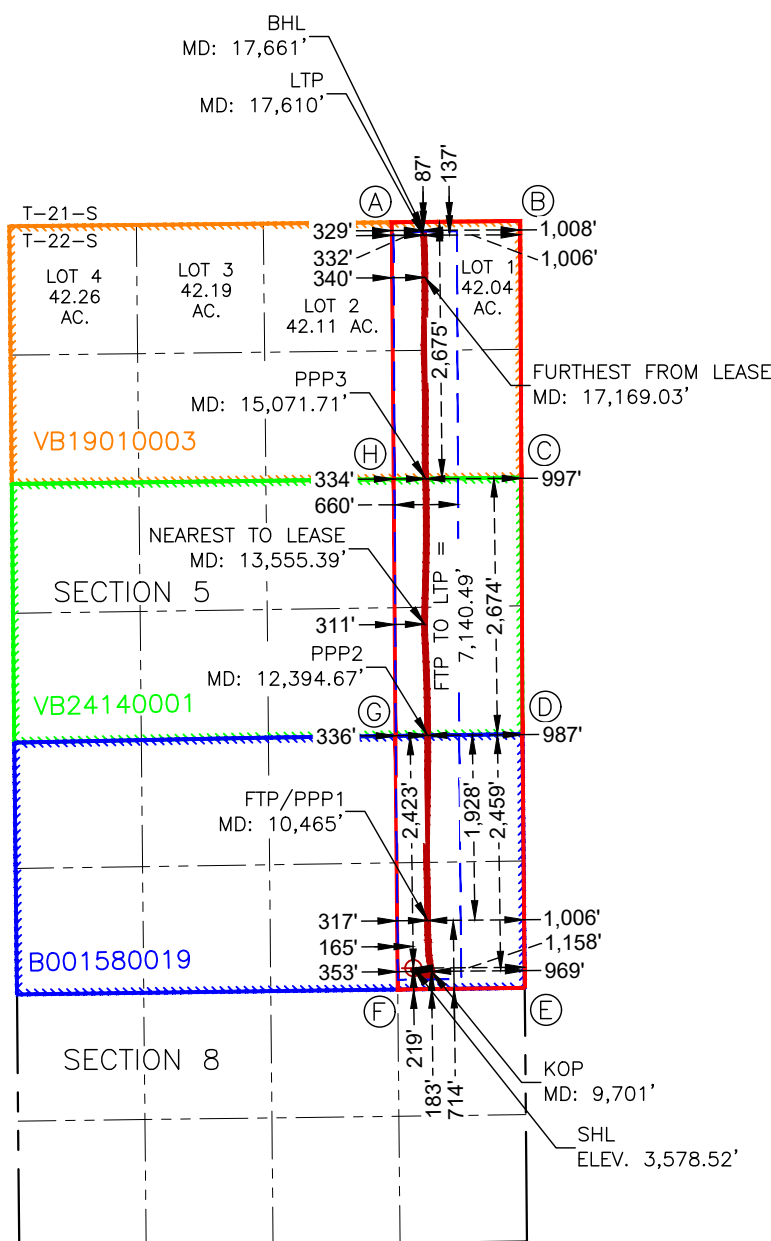
NAD 83 X = 834,185.71'
NAD 83 Y = 518,145.52'
NAD 83 LAT = 32.420874°
NAD 83 LONG = -103.384283°

LAST TAKE POINT
137' FNL & 1,006' FEL
MD = 17,610.00'

NAD 83 X = 834,165.84'
NAD 83 Y = 520,682.75'
NAD 83 LAT = 32.427848°
NAD 83 LONG = -103.384274°

BOTTOM HOLE LOCATION
87' FNL & 1,008' FEL
MD = 17,661.00'

NAD 83 X = 834,162.86'
NAD 83 Y = 520,733.66'
NAD 83 LAT = 32.427988°
NAD 83 LONG = -103.384283°



HSU CORNER COORDINATES NEW MEXICO EAST - NAD 83	
POINT	NORTHING/EASTING
A	CALCULATED CORNER N:520,816.76' E:833,832.81'
B	FOUND 2" IRON PIPE N:520,830.67' E:835,170.82'
C	CALCULATED CORNER N:518,158.08' E:835,182.55'
D	FOUND NAIL N:515,485.49' E:835,194.28'
F	CALCULATED CORNER N:512,825.60' E:833,895.21'
F	CALCULATED CORNER N:512,825.60' E:833,895.21'
G	CALCULATED CORNER N:515,467.30' E:833,871.42'
H	CALCULATED CORNER N:518,141.32' E:833,852.12'

LEGAL NOTICE
April 25, 2025

Legal Notice

Permian Resources Operating, LLC is applying to surface/pool commingle ten wells to a central tank battery in Lea County, New Mexico. The central tank battery will be located at the Casa Bonita State CTB in the SWNW quarter of section 8, T22S, R35E. The ten wells, details and locations are the following:

3002552196, BUTTERS STOTCH 17 STATE COM 122H, SESW, N-17-22S-35E, Rock Lake; Bone Spring & WC-025 G-07 S2233505N; Bone Spring
3002552484, BUTTERS STOTCH 8 STATE COM 123H, NESE, I-08-22S-35E, WC-025 G-07 S2233505N; Bone Spring

3002552485, BUTTERS STOTCH 8 STATE COM 124H, NESE, I-08-22S-35E, WC-025 G-07 S2233505N; Bone Spring

3002552199, CASA BONITA 32 STATE COM 121H, SESW, N-32-21S-35E, WC-025 G-07 S2233505N; Bone Spring

3002552486, CASA BONITA 8 STATE COM 123H SENE, H-08-22S-35E, WC-025 G-07 S2233505N; Bone Spring

3002552487, CASA BONITA 8 STATE COM 124H, SENE, H-08-22S-35E, WC-025 G-07 S2233505N; Bone Spring

3002554132, CASA BONITA 5 STATE COM 301H, SESW, N-32-21S-35E, WC-025 G-07 S2233505N; Bone Spring & Rock Lake; Bone Spring

3002554151, CASA BONITA 5 STATE COM 302H, SESW, N-32-21S-35E, WC-025 G-07 S2233505N; Bone Spring

3002554262, CASA BONITA 5 STATE COM 303H, NWNE, 2-05-22S-35E, WC-025 G-07 S2233505N; Bone Spring

3002554263, CASA BONITA 5 STATE COM 304H, NENE, 1-05-22S-35E, WC-025 G-07 S2233505N; Bone Spring

Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505, within 20 days. Additional information can be obtained by contacting Kanicia Schlichting, Permian Resources Operating, LLC, 300 N. Marienfeld St., Suite 1000, Midland, TX 79701. Phone number is 432-400-0185.

#00300352



300 N. MARIENFELD STREET, SUITE 1000
MIDLAND, TX 79701

OFFICE 432.695.4222
FAX 432.695.4063

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

April 24, 2025

Re: Application of Permian Resources Operating, LLC to authorize surface/pool commingling at the Casa Bonita CTB located in the in the SWNW quarter of section 8, T22S, R35E, Lea County, New Mexico.

Dear Sir/Madam:

Enclosed please find a copy of the above-referenced application to commingle production by method of metering per well at the Casa Bonita Central Tank Battery located in Lea County, New Mexico, filed this date with the New Mexico Oil Conservation Division. This is a request to add to additional leases to already existing commingle order CTB-880.

API Number	Well Name	UL or Q/Q	STR	Pool Name	Pool Code
3002552196	BUTTERS STOTCH 17 STATE COM 122H	SESW	N-17-22S-35E	Rock Lake; Bone Spring	52766
				WC-025 G-07 S2233505N; Bone Spring	98136
3002552484	BUTTERS STOTCH 8 STATE COM 123H	NESE	I-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552485	BUTTERS STOTCH 8 STATE COM 124H	NESE	I-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552199	CASA BONITA 32 STATE COM 121H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552486	CASA BONITA 8 STATE COM 123H	SENE	H-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002552487	CASA BONITA 8 STATE COM 124H	SENE	H-08-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002554132	CASA BONITA 5 STATE COM 301H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
				Rock Lake; Bone Spring	52766
3002554151	CASA BONITA 5 STATE COM 302H	SESW	N-32-21S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002554262	CASA BONITA 5 STATE COM 303H	NWNE	2-05-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136
3002554263	CASA BONITA 5 STATE COM 304H	NENE	1-05-22S-35E	WC-025 G-07 S2233505N; Bone Spring	98136

Any objection to this application must be filed in writing within twenty (20) days from this date at 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.

Pursuant to Statewide Rule 19.15.12.10(C)(4)(g) Permian Resources Operating, LLC requests the option to include additional pools and/or leases within the defined parameters set forth in the order for future additions.

For questions regarding this application, please contact me at (432) 400-0185 or kanicia.schlichting@permianres.com.

Sincerely,

Kanicia Schlichting
Regulatory Specialist

Casa Bonita Notice List

Company	Name	Address	Address 2	City	State	Zip	Zip 4	Certified Numbers
	Apache Corporation	PO Box 840094		Dallas	TX	75284	94	_9407111898765449125166
	Centennial Resource Production, LLC	300 N. Marienfeld St	Ste 1000	Midland	TX	79701		_9407111898765449125104
	Chevron USA, Inc.	PO Box 730436		Dallas	TX	75373	436	_9407111898765449125142
	Chisholm Energy Operating, LLC	300 N. Marienfeld St	Ste 1000	Midland	TX	79701		_9407111898765449125180
	CL&F Operating, LLC	PO Box 4438		Houston	TX	77210	4438	_9407111898765449125135
	Colgate Royalties, LP	300 N. Marienfeld St	Ste 1000	Midland	TX	79701		_9407111898765449125319
	Devon Energy Production Company, LP	333 W. Sheridan Ave		Oklahoma City	OK	73102		_9407111898765449125357
	Earthstone Permian, LLC	300 N. Marienfeld St	Ste 1000	Midland	TX	79701		_9407111898765449125364
	FR Energy, LLC	1106 Witte Rd	Ste 400	Houston	TX	77055		_9407111898765449125326
	GMT New Mexico Royalty Company, LLC	4949 S. Niagara Street	Ste 250	Denver	CO	80237		_9407111898765449125340
	MAP2004-OK							
	c/o Map Royalty Inc	PO Box 269100		Oklahoma City	OK	73126		_9407111898765449125388
	Nearburg Exploration Company, LLC	PO Box 823085		Dallas	TX	75382	3085	_9407111898765449125333
	the Nearburg Producing Company Employee							
Nearburg Producing Company, for the benefit	Fund	PO Box 823085		Dallas	TX	75382	3085	_9407111898765449125371
	Oxy Y-1 Company	5 Greenway Plaza		Houston	TX	77046		_9407111898765449125012
	Permian Resources Operating, LLC	300 N. Marienfeld St	Ste 1000	Midland	TX	79701		_9407111898765449125050
	Providence Minerals, LLC	14860 Montfort Drive	Ste 209	Dallas	TX	75254		_9407111898765449125029
	State of New Mexico	PO Box 1148		Santa Fe	NM	87504	1148	_9407111898765449125098
	Timothy R. MacDonald	3003 Paleo Point		College Station	TX	77845		_9407111898765449125043
	XTO Holdings, LLC	22777 Springwoods Village Pkwy		Spring	TX	77389	1425	_9407111898765449125081



28007G

Sample Point Code

T240855024

Sample Point Name

Butter Scotch 122H Prod

Sample Point Location

Laboratory Services

Source Laboratory

2026135291

Lab File No

6359

Container Identity

PAUL P - Spot

Sampler

USA

District

USA

Area Name

USA

Field Name

New Mexico

Facility Name

Apr 23, 2026

Date/Time Sampled

Apr 1, 2026

Date Effective

Apr 30, 2026 07:53

Date Received

May 5, 2026

Date Reported

75.00

Ambient Temp (°F)

756.63

Flow Rate (Mcf)

System Administrator

Analyst

178 @ 83

Press PSI @ Temp °F
Source Conditions

Permian Resources

Operator

NG

Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0050	0.005	
Nitrogen (N2)	3.1590	3.159	
CO2 (CO2)	6.1990	6.199	
Methane (C1)	71.0090	71.014	
Ethane (C2)	9.8450	9.845	2.6180
Propane (C3)	5.1620	5.162	1.4140
I-Butane (IC4)	0.6500	0.65	0.2110
N-Butane (NC4)	1.7200	1.72	0.5390
I-Pentane (IC5)	0.5160	0.516	0.1880
N-Pentane (NC5)	0.5300	0.53	0.1910
Hexanes Plus (C6+)	1.2050	1.205	0.5200
TOTAL	100.0000	100.0050	5.6810

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 20, 2026

Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F

14.65 PSI @ 60.00 Å°F

Dry

Saturated

Dry

Saturated

1,206.5

1,187.2

1,202.7

1,183.5

Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density Real

0.8143

Molecular Weight

23.4980

Relative Density Ideal

0.8114

C6+ Group Properties

Assumed Composition

C6 - 60.000%

C7 - 30.000%

C8 - 10.000%

Field H2S

45 PPM

PROTREND STATUS:

Passed By Validator on May 6, 2026

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Alexus Sepeda

VALIDATOR COMMENTS:

OK



28013G

Sample Point Code

T240572801

Sample Point Name

Butter Scotch 123H Prod

Sample Point Location

Laboratory Services

Source Laboratory

2026135289

Lab File No

6003

Container Identity

PAUL P - Spot

Sampler

USA

District

USA

Area Name

USA

Field Name

New Mexico

Facility Name

Apr 23, 2026

Date/Time Sampled

Apr 1, 2026

Date Effective

Apr 30, 2026 07:52

Date Received

May 5, 2026

Date Reported

75.00

Ambient Temp (°F)

1,088.76

Flow Rate (Mcf)

System Administrator

Analyst

176 @ 84

Press PSI @ Temp °F
Source Conditions

Permian Resources

Operator

NG

Lab Source Description

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0100	0.01	
Nitrogen (N2)	3.1190	3.119	
CO2 (CO2)	6.2480	6.249	
Methane (C1)	72.3850	72.392	
Ethane (C2)	9.9000	9.901	2.6330
Propane (C3)	5.0100	5.011	1.3720
I-Butane (IC4)	0.5930	0.593	0.1930
N-Butane (NC4)	1.4920	1.492	0.4680
I-Pentane (IC5)	0.3790	0.379	0.1380
N-Pentane (NC5)	0.3530	0.353	0.1270
Hexanes Plus (C6+)	0.5110	0.511	0.2200
TOTAL	100.0000	100.0100	5.1510

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 20, 2026

Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F

14.65 PSI @ 60.00 Å°F

DrySaturatedDrySaturated

1,160.01,141.51,156.41,137.9

Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density RealRelative Density Ideal

0.78410.7816

Molecular Weight

22.6414

C6+ Group Properties

Assumed Composition

C6 - 60.000%C7 - 30.000%C8 - 10.000%

Field H2S

100 PPM

PROTREND STATUS:

Passed By Validator on May 6, 2026

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Alexus Sepeda

VALIDATOR COMMENTS:

OK



28020G		3002554132		Casa Bonita 301H Prod	
Sample Point Code		Sample Point Name		Sample Point Location	
Laboratory Services		2026135296		4574	
Source Laboratory		Lab File No		Container Identity	
USA		USA		USA	
District		Area Name		Field Name	
Apr 23, 2026		Apr 1, 2026		Apr 30, 2026 07:59	
Date/Time Sampled		Date Effective		Date Received	
May 5, 2026					
Date Reported					
69.00		1,060.45		Admin	
Ambient Temp (°F)		Flow Rate (Mcf)		Analyst	
				178 @ 90	
				Press PSI @ Temp °F	
				Source Conditions	
Permian Resources				ng	
Operator				Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0600	0.06	
Nitrogen (N2)	3.2950	3.29671	
CO2 (CO2)	6.0350	6.03865	
Methane (C1)	72.1360	72.179	
Ethane (C2)	9.9400	9.94639	2.6430
Propane (C3)	5.0150	5.01849	1.3740
I-Butane (IC4)	0.5780	0.57857	0.1880
N-Butane (NC4)	1.4740	1.47451	0.4620
I-Pentane (IC5)	0.3760	0.37585	0.1370
N-Pentane (NC5)	0.3720	0.3725	0.1340
Hexanes Plus (C6+)	0.7190	0.71937	0.3100
TOTAL	100.0000	100.0600	5.2480

Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F		14.65 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,168.9	1,150.2	1,165.2	1,146.6

Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density Real	Relative Density Ideal
0.7891	0.7865
Molecular Weight	
22.7745	

C6+ Group Properties

Assumed Composition

C6 - 60.000%	C7 - 30.000%	C8 - 10.000%
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Field H2S

600 PPM

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	May 4, 2026

PROTREND STATUS:
Passed By Validator on May 7, 2026

DATA SOURCE:
Imported

PASSED BY VALIDATOR REASON:
Close enough to be considered reasonable.

VALIDATOR:
Alexus Sepeda

VALIDATOR COMMENTS:
OK



28009G		3002554151		Casa Bonita 302H Prod	
Sample Point Code		Sample Point Name		Sample Point Location	
Laboratory Services		2026135301		4876	
Source Laboratory		Lab File No		Container Identity	
USA		USA		USA	
District		Area Name		Field Name	
Apr 23, 2026		Apr 1, 2026		Apr 30, 2026 08:03	
Date/Time Sampled		Date Effective		Date Received	
80.00		1,295.83		Luis	
Ambient Temp (°F)		Flow Rate (Mcf)		Analyst	
				168 @ 99	
				Press PSI @ Temp °F	
				Source Conditions	
Permian Resources				NG	
Operator				Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.1200	0.12	
Nitrogen (N2)	3.5060	3.50993	
CO2 (CO2)	6.4890	6.49715	
Methane (C1)	72.2400	72.3263	
Ethane (C2)	9.3890	9.40033	2.4970
Propane (C3)	4.8920	4.89836	1.3400
I-Butane (IC4)	0.5700	0.57088	0.1850
N-Butane (NC4)	1.4600	1.46193	0.4580
I-Pentane (IC5)	0.3700	0.37054	0.1350
N-Pentane (NC5)	0.3680	0.36804	0.1330
Hexanes Plus (C6+)	0.5960	0.59657	0.2570
TOTAL	100.0000	100.1200	5.0050

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	May 4, 2026

Gross Heating Values (Real, BTU/ft³)

14.696 PSI @ 60.00 Å°F		14.65 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,149.9	1,131.6	1,146.3	1,128.1

Calculated Total Sample Properties

GPA2145-16 *Calculated at Contract Conditions

Relative Density Real	Relative Density Ideal
0.7868	0.7843
Molecular Weight	
22.7160	

C6+ Group Properties

Assumed Composition

C6 - 60.000%	C7 - 30.000%	C8 - 10.000%
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Field H2S

1200 PPM

PROTREND STATUS:

Passed By Validator on May 7, 2026

DATA SOURCE:

Imported

PASSED BY VALIDATOR REASON:

Close enough to be considered reasonable.

VALIDATOR:

Alexus Sepeda

VALIDATOR COMMENTS:

OK



C6+ Gas Analysis Report

28013G		T240572801		Butter Scotch 123H Prod	
Sample Point Code		Sample Point Name		Sample Point Location	
Laboratory Services		2026135289		6003	
Source Laboratory		Lab File No		Container Identity	
USA		USA		USA	
District		Area Name		Field Name	
Apr 23, 2026		Apr 1, 2026		Apr 30, 2026 07:52	
Date/Time Sampled		Date Effective		Date Received	
75.00		1,088.76		System Administrator	
Ambient Temp (°F)		Flow Rate (Mcf)		Analyst	
				176 @ 84	
				Press PSI @ Temp °F	
				Source Conditions	
Permian Resources				NG	
Operator				Lab Source Description	

Component	Normalized Mol %	Un-Normalized Mol %	GPM
H2S (H2S)	0.0100	0.01	
Nitrogen (N2)	3.1190	3.119	
CO2 (CO2)	6.2480	6.249	
Methane (C1)	72.3850	72.392	
Ethane (C2)	9.9000	9.901	2.6330
Propane (C3)	5.0100	5.011	1.3720
I-Butane (IC4)	0.5930	0.593	0.1930
N-Butane (NC4)	1.4920	1.492	0.4680
I-Pentane (IC5)	0.3790	0.379	0.1380
N-Pentane (NC5)	0.3530	0.353	0.1270
Hexanes Plus (C6+)	0.5110	0.511	0.2200
TOTAL	100.0000	100.0100	5.1510

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

Analyzer Information			
Device Type:	Gas Chromatograph	Device Make:	Shimadzu
Device Model:	GC-2014	Last Cal Date:	Apr 20, 2026

Gross Heating Values (Real, BTU/ft³)			
14.696 PSI @ 60.00 Å°F		14.65 PSI @ 60.00 Å°F	
Dry	Saturated	Dry	Saturated
1,160.0	1,141.5	1,156.4	1,137.9
Calculated Total Sample Properties			
GPA2145-16 *Calculated at Contract Conditions			
Relative Density Real		Relative Density Ideal	
0.7841		0.7816	
Molecular Weight			
22.6414			
C6+ Group Properties			
Assumed Composition			
C6 - 60.000%	C7 - 30.000%	C8 - 10.000%	
Field H2S			
100 PPM			

PROTREND STATUS:
Passed By Validator on May 6, 2026**DATA SOURCE:**
Imported**PASSED BY VALIDATOR REASON:**
Close enough to be considered reasonable.**VALIDATOR:**
Alexus Sepeda**VALIDATOR COMMENTS:**
OK

C6+ Gas Analysis Comparison

Four wells sampled Apr 23, 2026 | Source: ProTrend C6+ Gas Analysis Reports (Laboratory Services)

	Butter Scotch 122H	Butter Scotch 123H	Casa Bonita 301H	Casa Bonita 302H
SAMPLE INFORMATION				
Lab ID	T240855024	T240572801	3002554132	3002554151
Sample Point Code	28007G	28013G	28020G	28009G
Date Sampled	Apr 23, 2026	Apr 23, 2026	Apr 23, 2026	Apr 23, 2026
Date Reported	May 5, 2026	May 5, 2026	May 5, 2026	May 5, 2026
Flow Rate (Mcf)	756.63	1,088.76	1,060.45	1,295.83

GRAVITY & HEATING VALUE				
Gravity - Relative Density (Real)	0.8143	0.7841	0.7891	0.7868
Gravity - Relative Density (Ideal)	0.8114	0.7816	0.7865	0.7843
Molecular Weight	23.4980	22.6414	22.7745	22.7160
BTU - 14.696 psi @ 60F, Dry	1,206.5	1,160.0	1,168.9	1,149.9
BTU - 14.696 psi @ 60F, Saturated	1,187.2	1,141.5	1,150.2	1,131.6
BTU - 14.65 psi @ 60F, Dry	1,202.7	1,156.4	1,165.2	1,146.3
BTU - 14.65 psi @ 60F, Saturated	1,183.5	1,137.9	1,146.6	1,128.1
GPM Total	5.681	5.151	5.248	5.005

COMPOSITION - NORMALIZED MOL %				
H2S	0.0050	0.0100	0.0600	0.1200
Nitrogen (N2)	3.1590	3.1190	3.2950	3.5060
Carbon Dioxide (CO2)	6.1990	6.2480	6.0350	6.4890
Methane (C1)	71.0090	72.3850	72.1360	72.2400
Ethane (C2)	9.8450	9.9000	9.9400	9.3890
Propane (C3)	5.1620	5.0100	5.0150	4.8920
I-Butane (iC4)	0.6500	0.5930	0.5780	0.5700
N-Butane (nC4)	1.7200	1.4920	1.4740	1.4600
I-Pentane (iC5)	0.5160	0.3790	0.3760	0.3700
N-Pentane (nC5)	0.5300	0.3530	0.3720	0.3680
Hexanes Plus (C6+)	1.2050	0.5110	0.7190	0.5960
Total	100.0000	100.0000	100.0000	100.0000

DERIVED / QC				
C2+ (Ethane thru C6+) mol %	19.6280	18.2380	18.4740	17.6450
Inerts (N2 + CO2) mol %	9.3580	9.3670	9.3300	9.9950
Lab H2S (ppm, = mol % x 10,000)	50	100	600	1,200
Field H2S (ppm)	45	100	600	1,200
Lab vs Field H2S delta (ppm)	5	-	-	-

Notes:

All values transcribed directly from the source ProTrend 'C6+ Gas Analysis Report' PDFs (one per well); no values are estimated.

Gravity = Relative Density from the Calculated Total Sample Properties block. BTU = Gross Heating Value (Real, BTU/ft3).

Composition shown is the Normalized Mol % column. Un-normalized values differ slightly and are not shown.

C6+ assumed composition on all four reports: C6 60% / C7 30% / C8 10%.

Methods: Gas C6+ GPA 2261, Extended Gas GPA 2286, Calculations GPA 2172. All four passed validator review.

Butter Scotch 122H: lab H2S 0.005 mol% (50 ppm) vs field 45 ppm; the other three match field values exactly.

ALERT: IMPACTS FROM SEVERE WEATHER IN THE MID-SOUTH REGION OF THE U.S. AND WI...

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OKLAHOMA CITY, OK 73102
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Latest Update

We were unable to deliver your package at 1:15 pm on May 1, 2025 in HOUSTON, TX 77055 because the business was closed. We will redeliver on the next business day. No action needed.

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Delivery Attempt

Redelivery Scheduled for Next Business Day
HOUSTON, TX 77055
May 1, 2025 1:15 PM



Arrived at USPS Facility
SOUTH HOUSTON PROCESSING CENTER
April 30, 2025 12:37 PM



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Delivered, Front Desk/Reception/Mail Room
DENVER, CO 80237
May 2, 2025 12:53 PM

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Your item was delivered to an individual at the address at 10:49 am on May 2, 2025 in OKLAHOMA CITY, OK 73125.

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May 2, 2025 10:49 AM

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Your item has been delivered and is available at a PO Box at 8:42 am on April 30, 2025 in DALLAS, TX 75382.

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Delivered, PO Box
DALLAS, TX 75382
April 30, 2025 8:42 AM
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Your item has been delivered to an agent at the front desk, reception, or mail room at 11:45 am on May 1, 2025 in HOUSTON, TX 77046.

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Delivered to Agent

Delivered to Agent, Front Desk/Reception/Mail Room

HOUSTON, TX 77046
May 1, 2025 11:45 AM

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Tracking Number:

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Latest Update

Your item arrived at our MIDLAND TX DISTRIBUTION CENTER origin facility on June 1, 2025 at 10:47 am. The item is currently in transit to the destination.

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On the Way

Arrived at USPS Facility

MIDLAND TX DISTRIBUTION CENTER
June 1, 2025 10:47 AM

Arrived at USPS Facility

SAINT PAUL MN DISTRIBUTION CENTER
May 30, 2025 2:20 AM

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SANTA FE, NM 87501
May 5, 2025 8:01 AM

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COLLEGE STATION, TX 77845
May 1, 2025 12:53 PM

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May 1, 2025 8:44 AM

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FAQs

From: [Kania Schlichting](#)
To: [Clelland, Sarah, EMNRD](#)
Subject: [EXTERNAL] FW: -EXTERNAL- Action ID 455478 PLC-1172
Date: Tuesday, September 1, 2026 1:39:40 PM
Attachments: [image001.png](#)
[Gas Analysis Comparison 9-01-26.xlsx](#)
[CasaBonita302HProd 3002554151 4-23-26.pdf](#)
[CasaBonita301HProd 3002554132 4-23-26.pdf](#)
[ButterScotch123HProd T240572801 4-23-26.pdf](#)
[ButterScotch122HProd T240855024 4-23-26.pdf](#)
[Gas Analysis Comparison 9-01-26.xlsx](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Sarah,

I have attached the gas analysis and a gas analysis comparison with BTUs.

Please let me know if you need addition information.

Thank you,



Kania Schlichting | Regulatory Specialist
O 432.400.0185 | M 432-232-2875 | kania.schlichting@permianres.com
300 N Marienfeld St., Suite 1000 | Midland, TX 79701
permianres.com

From: Clelland, Sarah, EMNRD <Sarah.Clelland@emnrd.nm.gov>
Sent: Tuesday, August 25, 2026 3:10 PM
To: Kania Schlichting <kania.schlichting@permianres.com>
Subject: -EXTERNAL- Action ID 455478 PLC-1172

To whom it may concern (c/o Kania Schlichting for Permian Resources Operating, LLC),

The Division is reviewing the following application:

Action ID	455478
Admin No.	PLC-1172
Applicant	Permian Resources Operating, LLC
Title	Casa Bonita CTB
Sub. Date	04/24/2025

Please provide the following additional supplemental documents:

- **Please provide Gravity and BTU for each pool.**

Please provide additional information regarding the following:

-

Additional notes:

-

All additional supplemental documents and information may be provided via email and should be done by replying to this email. The produced email chain will be uploaded to the file for this application.

Please note that failure to take steps to address each of the requests made in this email within 10 business days of receipt of this email may result in the Division rejecting the application requiring the submittal of a new application by the applicant once it is prepared to address each of the topics raised.

COMMENT

Approval from Division is required prior to conducting work which modifies the well design.

Please contact the Environmental Bureau at OCD.Enviro@emnrd.nm.gov for instructions regarding the submittal process for applications of this type.

Thanks,

Sarah Clelland

Petroleum Specialist

State of New Mexico

Energy, Minerals, and Natural Resources Department

Oil Conservation Division

Cell: (505) 537-0627

Sarah.Clelland@emnrd.nm.gov

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

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY PERMIAN RESOURCES OPERATING, ORDER NO. PLC-1172
LLC**

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. Permian Resources Operating, LLC (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools and leases described in Exhibit A (“Application”).
2. Applicant included a complete list of the wells currently dedicated to each pool and lease.
3. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
4. 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.
5. Applicant in the notice for the Application stated that it sought authorization to prospectively include additional pools and leases in accordance with 19.15.12.10(C)(4)(g) NMAC.
6. 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.
7. Applicant submitted or intends to submit one or more proposed communitization agreement(s) (“Proposed Agreement(s)”) to the BLM or NMSLO, as applicable, identifying the acreage of each lease to be consolidated into a single pooled area (“CA Pooled Area”), as described in Exhibit A.
8. 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.
9. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.

CONCLUSIONS OF LAW

10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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 and leases as described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from the wells included in Exhibit A provided that they produce from a pool and lease described in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease, as applicable, from the pools and leases 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, as applicable, 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. For each CA Pooled Area described in Exhibit A, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil and gas production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

No later than sixty (60) days after the BLM or NMSLO approves or denies a Proposed Agreement, Applicant shall submit a Form C-103 to OCD with a copy of the decision and a description of the approved lands, as applicable. If Applicant withdraws or the BLM or NMSLO denies a Proposed Agreement, this Order shall terminate on the date of such action, and Applicant shall cease commingling the production from the CA Pooled Area. If the BLM or NMSLO approves but modifies the Proposed Agreement(s), Applicant shall comply with the approved Agreement(s), and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingling application to OCD to conform this Order with the approved Agreement(s) if the formation or dedicated lands are modified or if a modification is made that will affect this Order. If Applicant fails to submit the new surface commingling application or OCD denies the new surface commingling application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil and gas production to each lease within a CA Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the CA Pooled Area until the Proposed Agreement which includes the CA Pooled Area is approved. After the Proposed Agreement is approved, the oil and gas production from the CA Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the Agreement, including any production that had been allocated previously in accordance with this Order.

3. 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.
4. 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.
5. If Applicant recovers oil or gas production from produced water prior to Applicant injecting it or transferring custody of it, then that production shall be allocated to each well in the proportion that it contributed to the total produced water.
6. If Applicant recovers gas production using a vapor recovery unit (VRU), then that gas production shall be allocated to each well in the proportion that it contributed to the total oil production.

7. 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.
8. 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.
9. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10(C)(2) NMAC.
10. Applicant shall install and utilize vessels that are appropriately designed to ensure sufficient separation of the fluids and to accurately measure oil and gas production.
11. 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.
12. 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.
13. 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.
14. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
15. 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).

16. 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 Chang

**ALBERT C. S. CHANG
DIRECTOR**

DATE: 09/04/2026

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: **PLC-1172**

Operator: **Permian Resources Operating, LLC (372165)**

Central Tank Battery: **Casa Bonita Central Tank Battery**

Central Tank Battery Location: **UL E, Section 8, Township 22 South, Range 35 East**

Gas Title Transfer Meter Location: **UL E, Section 8, Township 22 South, Range 35 East**

Pools

Pool Name	Pool Code
ROCK LAKE;BONE SPRING	52766
WC-025 G-07 S223505N;BONE SPRING	98136

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
CA Bone Spring SLO 205252 PUN 1408127	E2SE	08-22S-35E
	E2E2	17-22S-35E
CA Bone Spring SLO 204945 PUN 1404628	E2E2	05-22S-35E
	E2NE	08-22S-35E
CA Bone Spring SLO 204946 PUN 1404630	W2E2	05-22S-35E
	W2NE	08-22S-35E
CA Bone Spring SLO 204944 PUN 1404613	W2W2	05-22S-35E
	W2W2	08-22S-35E
CA Bone Spring SLO 205175 PUN 1408416	E2E2	05-22S-35E
	E2E2	08-22S-35E
	E2E2	17-22S-35E
CA Bone Spring SLO 205176 PUN 1408407	W2E2	05-22S-35E
	W2E2	08-22S-35E
	W2E2	17-22S-35E
CA Bone Spring SLO 205407 PUN 1411391	W2W2	05-22S-35E
	W2W2	08-22S-35E
	W2W2	17-22S-35E
CA Bone Spring SLO 205413 PUN 1411977	E2W2	05-22S-35E
	E2W2	08-22S-35E
CA Bone Spring SLO 205424 PUN 1411632	W2W2	05-22S-35E
	W2W2	08-22S-35E
	W2W2	17-22S-35E
PROPOSED CA Bone Spring SLO "A"	E2W2	17-22S-35E
	E2W2	08-22S-35E
PROPOSED CA Bone Spring SLO "B"	W2SE	08-22S-35E
	W2E2	17-22S-35E

Wells				
Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-52196	BUTTERS STOTCH 17 STATE COM #122H	E2W2	17-22S-35E	52766
		E2W2	08-22S-35E	98136
30-025-52484	BUTTERS STOTCH 8 STATE COM #123H	W2SE	08-22S-35E	98136
		W2E2	17-22S-35E	
30-025-52485	BUTTERS STOTCH 8 STATE COM #124H	E2SE	08-22S-35E	98136
		E2E2	17-22S-35E	
30-025-52199	CASA BONITA 32 STATE COM #121H	W2W2	05-22S-35E	98136
		W2W2	08-22S-35E	
30-025-52486	CASA BONITA 8 STATE COM #123H	W2E2	05-22S-35E	98136
		W2NE	08-22S-35E	
30-025-52487	CASA BONITA 8 STATE COM #124H	E2E2	05-22S-35E	98136
		E2NE	08-22S-35E	
30-025-54132	CASA BONITA 5 STATE COM #301H	W2W2	17-22S-35E	52766
		W2W2	05-22S-35E	98136
		W2W2	08-22S-35E	
30-025-54151	CASA BONITA 5 STATE COM #302H	E2W2	05-22S-35E	98136
		E2W2	08-22S-35E	
30-025-54262	CASA BONITA 5 STATE COM #303H	W2E2	05-22S-35E	98136
		W2E2	08-22S-35E	
		W2E2	17-22S-35E	
30-025-54263	CASA BONITA 5 STATE COM #304H	E2E2	05-22S-35E	98136
		E2E2	08-22S-35E	
		E2E2	17-22S-35E	

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 455478

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 455478
	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 .	9/8/2026