

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: Permian Resources Operating, LLC OGRID Number: 372165
 Well Name: Mozzarella Fed Com 602H, 603H, 604H, 504H, 505H, 302H, 402H and Gouda Federal Com 605H, 304H, 404H, 506H API: 30-025-46742, 30-025-46757, 30-025-48616, 30-025-48617, 30-025-50215 30-025-51576
 Pool: Bilbrey Basin; Bone Spring Pool Code: 5695 30-025-50228,

30-025-46741,30-025-51575,30-025-50329,30-025-50498

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.

6/14/23

Date

Katie Biersmith

Print or Type Name

720-499-1522

Phone Number

Katie Biersmith

Signature

Katie Biersmith
 2023.06.26 09:16:20 -06'00'

katie.biersmith@permianres.com

e-mail Address

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 Street, 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. CTB1057

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

(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. Bilbrey Basin; Bone Spring 5695

(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: Katie Biersmith TITLE: Regulatory Lead

DATE: 6/14/23

TYPE OR PRINT NAME Katie Biersmith

TELEPHONE NO.: 720-499-1522

E-MAIL ADDRESS: katie.biersmith@permianres.com



**APPLICATION FOR
COMMINGLING AND OFF-LEASE STORAGE
ON STATE TRUST LANDS**



This application form is required for all commingling applications requiring approval by the Commissioner of Public Lands.

Applicant: Permian Resources Operating, LLC
Mozzarella Fed Com 602H, 603H, 604H, 504H, 505H, 302H, 402H
Well Name: and Gouda Federal Com 605H, 304H, 404H, 506H
Pool: Bilbrey Basin; Bone Spring (5695)

OGRID #: 372165

API #: 30-025-46742, 30-025-46757, 30-025-4861
30-025-48617, 30-025-50215, 30-025-5157
30-025-50228, 30-025-46741, 30-025-5157
30-025-50329, 30-025-50498

OPERATOR NAME: Permian Resources Operating, LLC

OPERATOR ADDRESS: 300 N Marienfeld, Ste 1000, Midland, TX 79701

APPLICATION REQUIREMENTS – SUBMIT:

1. New Mexico Oil Conservation Division (NMOCD) application packet (or equivalent information if no application is required by NMOCD),
2. Commingling application fee of \$150.


CERTIFICATION: To the best of my knowledge,

- All business leases and rights-of-way necessary for conducting the proposed operation on State Trust lands have been applied for or obtained,
- The information submitted with this application is **accurate** and **complete**, and
- No loss will accrue to the state of New Mexico as a result of the proposed operation.

I also understand that **no action** will be taken on this application until the required information and fee are submitted to the State Land Office.

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

Katie Biersmith
 Print or Type Name


 Signature

6/14/23
 Date

720-499-1522
 Phone Number

katie.biersmith@permianres.com
 e-mail Address

Submit application to:
 Commissioner of Public Lands
 Attn: Commingling Manager
 PO Box 1148
 Santa Fe, NM 87504-1148

Questions?
 Contact the Commingling Manager:
 505.827.5791

Upon approval, the requesting organization will receive an acknowledgment letter from the Commissioner of Public Lands.

APPLICATION FOR SURFACE COMMINGLING AND OFF LEASE MEASUREMENT

Permian Resources Operating, LLC respectfully requests approval to lease commingle oil & gas from the following wells:

	API	WELL NAME	WELL #	LOCATION	POOL CODE/NAME	STATUS
1	30-025-46742	MOZZARELLA FED COM (CTB1057)	602H	C-8-22S-32E	[5695] BILBREY BASIN;BONE SPRING ; [98313] WC-025 G-09 S213232A;UPR WOLFCAMP	PRODUCING
2	30-025-46757	MOZZARELLA FED COM (CTB1057)	603H	C-8-22S-32E	[5695] BILBREY BASIN;BONE SPRING ; [98313] WC-025 G-09 S213232A;UPR WOLFCAMP	PRODUCING
3	30-025-48616	MOZZARELLA FED COM (CTB1057)	604H	P-5-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PRODUCING
4	30-025-48617	GOUDA FED COM (CTB1057)	605H	P-5-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PRODUCING
5	30-025-50215	MOZZARELLA FED COM (ADD)	504H	C-8-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PERMITTED
6	30-025-51576	MOZZARELLA FED COM (ADD)	505H (FKA 653H)	C-8-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PERMITTED
7	30-025-50228	MOZZARELLA FED COM (ADD)	302H (FKA 503H)	C-8-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PERMITTED
8	30-025-46741	MOZZARELLA FED COM (ADD)	402H (FKA 652H)	C-8-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PERMITTED
9	30-025-51575	GOUDA 5 FED COM (ADD)	304H (FKA 654H)	C-8-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PERMITTED
10	30-025-50329	GOUDA 5 FED COM (ADD)	404H (FKA 505H)	P-5-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PERMITTED
11	30-025-50498	GOUDA 5 FED COM (ADD)	506H	P-5-22S-32E	[5695] BILBREY BASIN; BONE SPRING	PERMITTED

GENERAL INFORMATION:

Spacing Unit for Mozzarella Fed Com #602H, Mozzarella Fed Com #603H, Mozzarella Fed Com #604H, Mozzarella Fed Com 302H, Mozzarella Fed Com 402H, Mozzarella Fed Com 504H, and Mozzarella Fed Com 505H:

E/2 W/2, W/2 E/2 Section 32, T21S R32E
E/2 W/2, W/2 E/2 Section 5, T22S R32E
Total of 639.34 acres, all in Lea County, NM

	Lease Type	Lease Number	Type of Production	Royalty	Description	% of Comm	Acres in Comm
1	State	VB-2227-1	Oil and Gas	18.75%	280 acres being N/2 NW/4, SWNW, SW Section 32, T21S R32E, Lea County, NM	18.76936%	120.00
2	State	E0-1932-1	Oil and Gas	12.5%	1,680 acres, including SE/NW Section 32 T21S R32E, Lea County, NM	6.25645%	40.00
3	State	VB-2424-1	Oil and Gas	18.75%	160 acres, being NE Section 32, T21S R32E, Lea County, NM	12.51290%	80.00
4	State	VB-2430-1	Oil and Gas	18.75%	120 acres, being E/2 SE, NWSE Section 32, T21S R32E, Lea County, NM	6.25645%	40.00

5	State	BO-0399-69	Oil and Gas	12.50%	40 acres, being SWSE Section 32, T21S R32E, Lea County, NM	6.25645%	40.00
6	Federal	NMNM-131588	Oil and Gas	12.50%	886.41 acres including N/2, W2SW Section 5, T22S R32E, Lea County, NM	24.92258%	159.34
7	State	VB-1365-0	Oil and Gas	18.75%	240 acres, including E2SW, SE Section 5, T22S R32E, Lea County, NM	25.02581%	160.00
		Total				100.00000%	639.34

*The Communitization Agreement for the Mozzarella Fed Com #602H, Mozzarella Fed Com #603H and Mozzarella Fed Com #604H has been submitted to the BLM and SLO for approval. The Mozzarella Fed Com 302H, Mozzarella Fed Com 402H, Mozzarella Fed Com 504H, and Mozzarella Fed Com 505H wells will all be subject to the Communitization Agreement submitted for the Mozzarella Fed Com 602H-604H.

Spacing Unit for the Gouda Fed Com #605H, Gouda 5 Fed Com 304H, Gouda 5 Fed Com, 404H, and Gouda 5 Fed Com 506H:

E/2 E/2 Section 32, T21S R32E
E/2 E/2 Section 5, T22S R32E
Total of 319.66 acres, all in Lea County, NM

	Lease Type	Lease Number	Type of Production	Royalty	Description	% of Comm	Acres in Comm
1	State	VB-2424-1	Oil and Gas	18.75%	160 acres, being NE Section 32, T21S R32E, Lea County, NM	25.0266%	80.00
2	State	VB-2430-1	Oil and Gas	18.75%	120 acres, being E/2 SE, NWSE Section 32, T21S R32E, Lea County, NM	25.0266%	80.00
5	Federal	NMNM-131588	Oil and Gas	12.50%	886.41 acres including N/2, W2SW Section 5, T22S R32E, Lea County, NM	24.9202%	79.66
6	State	VB-1365-0	Oil and Gas	18.75%	240 acres, including E2SW, SE Section 5, T22S R32E, Lea County, NM	25.0266%	80.00
		Total				100.0000%	319.66

*The Communitization Agreement for the Gouda Fed Com #605H has been submitted to the BLM and SLO for approval. The Gouda 5 Fed Com 304H, Gouda 5 Fed Com 404H, and Gouda Fed Com 506H will all be subject to the Communitization Agreement submitted for the Gouda Fed Com #605H.

- This application will fall under 43 CFR 3173.14(a)(1) iii (Federal unit PA or CA where each unit PA or CA proposed for commingling has the same proportion of Federal interest, and which interest is subject to the same fixed royalty rate and revenue distribution.)
- The central tank battery to service the subject wells is located off-lease, on C-8-22S-32E (NMNM 069373), just West of the approved drill island No. DA-2018-001. The facility was reviewed and approved in the APDs for the Mozzarella wells (APD ID 10400041204 and 10400041229). Storing and measuring from this off-lease facility reduces the amount of trucking or pipelines since it is

next to the drill pad. So, although it is off lease, it reduces our environmental impact by producing closer to the drill pad. Please see the attached map for reference.

- There is no new surface disturbance included as part of the proposed CAA.
- Ownership in the two spacing units is not identical and notices to all owners have been mailed out. Some owners are unlocatable, so notification has also been published.
- Gas analysis is not required as Permian is applying for a CAA under 3173.14(a)(1)
- Federal Ownership differs between the two spacing units due to lots in Section 5, T22S R32E:
Mozzarella: 0.2493 Gouda: 0.2492 Δ : 0.00005871
- Enclosed herewith is 1) a map that displays the leases and the location of the subject wells, 2) a map that displays the location of the proposed CTB, (3) a process flow diagram, (4) allocation methodology and example, and (5) the C-102 plat for each of the wells.
- All leases, unit PAs, or CAs in the proposed CAA are capable of production in paying quantities.
- The approval of this commingling application will not negatively affect the royalty revenue of the federal government due to the allocation methodology described in the application. The approval of this application will also provide for reduced surface disturbance in this development area.
- All non-FMP gas meters will meet API Standard 14.3/AGA Report No 3 and all non-FMP oil meters will meet API/MPMS Chapter 5.6



6/14/2023

COMMINGLED CENTRAL TANK BATTERY - PRORATED ALLOCATION

DAILY GAS ALLOCATION

Each well has a gas production meter (wellhead meter) on a dedicated test vessel that is used as an allocation meter.

There is a single VRU meter installed at the facility that measures tank vapors evolved from oil in the atmospheric tanks and heater treater. Gas metered by the VRU meter is allocated to each well based off the Oil Allocation meters mentioned in the Oil Allocation section below.

There is a high-pressure flare gas meter at the facility that measures gas sent to the emergency flare. Metered high-pressure flare gas is allocated to each well based off the gas production meters detailed below.

There is a medium-pressure flare gas meter at the facility that measures gas sent to flare. Metered medium-pressure gas is allocated to each well based off the oil production meters detailed below.

There is a low-pressure flare gas meter at the facility that measures gas sent to flare from tanks if the VRU shuts down. Metered low-pressure flare gas is allocated to each well based off the oil production meters detailed below.

Finally, there is a single CTB Facility Check Meter (FMP) before the gas enters the gas gathering pipeline leaving the pad.

1. The Well's Net Gas Production is the volume of gas produced by the well less any volume used for gas lift. The Well's Net Gas Production also includes the Well's VRU Allocation Volume. It is calculated by:
 - a. $\text{Well's Net Gas Production} = \text{Well's Wellhead Meter Readings} - \text{Well's Gas Lift Meter Readings} + \text{Well's VRU Allocation Volume}$
 - b. $\text{Well's VRU Allocation Volume} = \text{VRU Meter} * \text{Well's Theoretical \% of Oil Production}$
 - c. $\text{Well's Theoretical \% of Oil Production} = \text{Well's Oil Meter} / (\text{sum of all Well's Oil Meters at the CTB})$
2. HP Flare Volume is the volume of gas flared from the CTB, allocated to wells by:
 - a. $\text{Well's HP Flare Volume} = \text{HP Flare Meter} * \text{Well's Theoretical Net Gas Production \%}$
 - b. $\text{Well's Theoretical Net Gas Production \%} = \text{Well's Net Gas Production} / (\text{sum of all Well's Net Gas Production})$
3. MP Flare Volume is the volume of gas flared from Heater Treaters at the CTB, allocated to wells by:
 - a. $\text{Well's MP Flare Volume} = \text{MP Flare Meter} * \text{Well's Theoretical \% of Oil Production}$
 - b. $\text{Well's Theoretical \% of Oil Production} = \text{Well's Oil Meter} / (\text{sum of all Well's Oil Meters at CTB})$
4. LP Flare Volume is the volume of gas flared from Tank Vapors, allocated to wells by:
 - a. $\text{Well's LP Flare Volume} = \text{LP Flare Meter} * \text{Well's Theoretical \% of Oil Production}$
 - b. $\text{Well's Theoretical \% of Oil Production} = \text{Well's Oil Meter} / (\text{sum of all Well's Oil Meters at CTB})$

5. The VRU Meter measures the gas that evolves from the oil in the oil tanks and the heater treater. The VRU gas volumes are allocated based on allocated oil production for each well. The VRU Meter is an allocation meter.
 - a. Well's VRU Allocation Volume = VRU Meter * Well's Theoretical % of Oil Production
 - b. Well's Theoretical % of Oil Production = Well's Oil Meter / (Sum of all Well's Oil Meters at CTB)
6. Allocated Lease Use Gas Volume is the volume of gas used by the equipment on the CTB allocated to the wells by:
 - a. Well's Allocated Lease Use Gas Volume = Lease Use Equipment* (Well's Hours On / (sum of all Well's Hours On))
7. Well's Theoretical Net Gas Production % used for the allocation of production/sales is calculated by:
 - a. Well's Theoretical Net Gas Production % = Well's Net Gas Production / (sum of all Well's Net Gas Production)
8. CTBs FC Meter (FMP) measures the volume of gas for royalty purposes. This volume of gas is the total that is sold from the CTB. The CTBs FC Meter (FMP) volumes are allocated to each well by:
 - a. Well's CTB FC Meter (FMP) Allocation = CTBs FC Meter (FMP) * Well's Theoretical Net Gas Production %
 - b. Well's Theoretical Net Gas Production % = Well's Net Gas Production / (sum of all Well's Net Gas Production)
9. Each Well's Allocated Gas Production at the CTB is calculated by:
 - a. Well's Allocated Gas Production = Well's CTBs FC Meter (FMP) Allocation + Well's HP Flare Volume + Well's MP Flare Volume + Well's LP Flare Volume + Well's Allocated Lease Use Gas Volume

DAILY OIL ALLOCATION

Each well has an oil meter measuring the volume of oil produced by the well. This volume is used as the allocation point to prorate Well's Allocated Oil Production Volume and Well's Allocated Oil Sales Volume (FMP) back to each well.

1. Well's Allocated Oil Production Volume is the volume of oil produced by each well and is calculated by:
 - a. Well's Allocated Oil Production Volume = Well's Theoretical % of Oil Production * CTB Allocated Oil Production
 - b. Well's Theoretical % of Oil Production = Well's Oil Meter / (sum of all Well's Oil Meters at the CTB)
 - c. CTB Allocated Oil Production = Total CTB Sales Volume (FPM) + Ending Tank Inventory – Beginning Tank Inventory
2. CTB Available Oil for Sale is calculated by:
 - a. CTB Available Oil for Sale = CTB Allocated Oil Production + Beginning Tank Inventory
3. Each Well's Available Oil for Sale is calculated by:
 - a. Each Well's Available Oil for Sale = Well's Allocated Oil Production Volume + Well's Beginning Tank Inventory

4. Well's Theoretical % of Oil Available for Sale is calculated by:
 - a. $\text{Well's Theoretical \% of Oil Available for Sale} = \text{Well's Available Oil for Sale} / (\text{sum of all Well's Available Oil for Sale})$
5. Well's Allocated Sales Volume (FMP) is the total oil volume allocated to each well and is calculated by:
 - a. $\text{Well's Allocated Sale Volume (FMP)} = \text{Total CTB Sales Volume (FMP)} * \text{Well's Theoretical \% of Oil Available for Sale}$
6. Total CTB Sales Volume (FMP) is the volume of oil sold through the LACT Unit (FMP meter)
7. Beginning Tank Inventory comes from previous accounting period's Ending Tank Inventory for each well
8. Ending Oil Tank Inventory for each well is calculated by:
 - a. $\text{Well's Ending Tank Inventory} = \text{Well's Beginning Oil Tank Inventory} + \text{Well's Allocated Oil Production Volume} - \text{Well's Allocated Sales Volume}$

DAILY WATER ALLOCATION

Each well has a water meter measuring the volume of water produced by the well. This volume is used as the allocation point to prorate Well's Allocated Water Production and Well's Allocated Water Transfer Volume back to each well.

1. Well's Allocated Water Production is volume of water allocated to each well at the CTB and is calculated by:
 - a. $\text{Well's Allocated Water Production} = \text{CTB Allocated Water Production} * \text{Well's Theoretical \% of Water Production}$
 - b. $\text{CTB Allocated Water Production} = \text{Total of CTBs Water Transfer Meters} + \text{Ending Tank Inventory} - \text{Beginning Tank Inventory}$
 - c. $\text{Well's Theoretical \% of Water Production} = \text{Well's Water Meter} / (\text{sum of Well's Water Meters at CTB})$
2. CTBs Available Water to Transfer is calculated by:
 - a. $\text{CTBs available Water to Transfer} = \text{CTBs Allocated Well Production} + \text{Beginning Tank Inventory}$
3. Each Well's Available Water to Transfer is calculated by:
 - a. $\text{Well's Available Water to Transfer} = \text{Well's Allocated Well Production} + \text{Well's Beginning Tank Inventory}$
4. Each Well's Theoretical % of Water Available to Transfer is calculated by:
 - a. $\text{Well's Theoretical \% of Water Available to Transfer} = \text{Well's Available Water to Transfer} / (\text{sum of Well's Available Water to Transfer})$
5. Each Well's Allocated Water Transfer Volume is total water transfer volume allocated to each well and is calculated by:
 - a. $\text{Well's Allocated Water Transfer Volume} = \text{Well's Theoretical \% of Water Available to Transfer} * \text{Total of CTBs Water Transfer Meters}$

6. Total of CTBs Water Transfer Meters is the volume of water transferred and metered by the individual Water Transfer Meters at the CTB.
7. Beginning Tank Inventory comes from previous accounting period's allocated Ending Inventory for each well.
8. Ending Water Tank Inventory for each well is calculated by:
 - a. $\text{Well's Ending Tank Inventory} = \text{Well's Beginning Water Tank Inventory} + \text{Well's Allocated Water Production} - \text{Well's Allocated Water Transfer Volume}$

Allocation Methodology Used to Determine Allocated Production and Sales to Each Well

Well Name	Wellhead Meter Readings (MSCF)	Well's Gas Lift Meter Readings (MSCF)	Well's Net Gas Production (MSCF)	Well's Hours On	Well's Theoretical Net Gas Production %	Well's CTB FC Meter (FMP) Allocation (MSCF)	Well's HP Flare Volume (MSCF)	Well's MP Flare Volume (MSCF)	Well's LP Flare Volume (MSCF)	Well's Allocated Lease Use Gas Volume (MSCF)	Well's VRU Allocation Volume (MSCF)	Well's Allocated Gas Production (MSCF)
Gouda Federal Com 605H	1,250.00	800.00	452.855	22	0.060	443.30	8.17	0.48	1.07	4.22	2.86	457.24
Mozzerella Federal Com 602H	1,314.00	825.00	494.230	24	0.065	483.80	8.91	0.87	1.96	4.61	5.23	500.16
Mozzerella Federal Com 603H	1,421.00	800.00	623.978	24	0.082	610.81	11.25	0.50	1.12	4.61	2.98	628.29
Mozzerella Federal Com 604H	1,231.00	900.00	336.218	20	0.044	329.12	6.06	0.87	1.96	3.84	5.22	341.85
Mozzarella Fed Com 504H	945.00	0.00	960.900	24	0.127	940.63	17.33	2.65	5.96	4.61	15.90	971.18
Mozzarella Fed Com 505H	912.00	0.00	927.149	24	0.122	907.59	16.72	2.52	5.68	4.61	15.15	937.12
Mozzarrella Fed Com 302H	843.00	0.00	855.577	24	0.113	837.53	15.43	2.10	4.72	4.61	12.58	864.38
Mozzarrella Fed Com 402H	1,502.00	850.00	665.709	24	0.088	651.66	12.00	2.28	5.14	4.61	13.71	675.70
Gouda 5 Fed Com 304H	1,652.00	900.00	769.537	18	0.101	753.30	13.88	2.92	6.58	3.46	17.54	780.13
Gouda 5 Fed Com 404H	1,740.00	920.00	835.149	24	0.110	817.53	15.06	2.52	5.68	4.61	15.15	845.40
Gouda 5 Fed Com 506H	1,549.00	900.00	662.697	22	0.087	648.72	11.95	2.28	5.14	4.22	13.70	672.31
Facility Totals	14,359.00	6895.00	7584.000	250	1.000	7424.00	136.76	20.00	45.00	48.00	120.00	7673.76

CTB Meter Name	Meter Readings
CTBs FC Meter (FMP) (MSCF)	7424.00
HP Flare Meter (MSCF)	136.76
MP Flare Meter (MSCF)	20.00
LP Flare Meter (MSCF)	45.00
VRU Meter (MSCF)	120.00
Lease Use Equipment (MSCF)	48.0
GL Compressor (MSCF)	6895.00
Allocated Production (MSCF)	7673.76

Allocation Methodology Used to Determine Allocated Production and Sales to Each Well

Well Name	Well's Oil Meter (BBL)	Well's Theoretical % of Oil Production	Well's Allocated Oil Production Volume (BBL)	Well's Available Oil for Sale (BBL)	Well's Theoretical % of Oil Available for Sale	Well's Allocated Sales Volume (FMP) (BBL)	Well's Beginning Tank Inventory (BBL)	Well's Ending Tank Inventory (BBL)
Gouda Federal Com 605H	232	0	224	364	0	307	140	58
Mozzerella Federal Com 602H	425	0	411	624	0	525	213	99
Mozzerella Federal Com 603H	242	0	234	434	0	365	200	69
Mozzerella Federal Com 604H	424	0	410	609	0	513	199	96
Mozzarrella Fed Com 504H	1,292	0	1,249	1,397	0	1,176	148	221
Mozzarrella Fed Com 505H	1,231	0	1,190	1,395	0	1,175	205	221
Mozzarrella Fed Com 302H	1,022	0	988	1,198	0	1,009	210	190
Mozzarrella Fed Com 402H	1,114	0	1,077	1,319	0	1,110	242	209
Gouda 5 Fed Com 304H	1,425	0	1,378	1,582	0	1,332	204	250
Gouda 5 Fed Com 404H	1,231	0	1,190	1,364	0	1,148	174	216
Gouda 5 Fed Com 506H	1,113	0	1,076	1,264	0	1,064	188	200
Facility Totals	9,751	1	9,430	11,553	1	9,724	2,123	1,829

CTB Allocated Oil Production (BBL)	9,430	--Pipeline LACT
CTB Available Oil for Sale (BBL)	11,553	
Total CTB Sales Volume (FMP) (BBL)	9,724	
CTB's Beginning Oil Tank Inventory (BBL)	2,123	
CTB's Ending Tank Inventory (BBL)	1,829	

Allocation Methodology Used to Determine Allocated Production and Sales to Each Well

Well Name	Well's Water Meter (BBL)	Well's Theoretical % of Water Production	Well's Allocated Water Production (BBL)	Well's Available Water to Transfer (BBL)	Well's Theoretical % of Water Available to Transfer	Well's Allocated Water Transfer Volume (BBL)	Well's Beginning Tank Inventory (BBL)	Well's Ending Tank Inventory (BBL)
Gouda Federal Com 605H	424.00	0.0281	402.84	1,028.84	0.0557	793.13	626.00	235.71
Mozzerella Federal Com 602H	535.00	0.0355	508.30	932.30	0.0505	718.71	424.00	213.59
Mozzerella Federal Com 603H	624.00	0.0414	592.86	1,066.86	0.0578	822.44	474.00	244.42
Mozzerella Federal Com 604H	422.00	0.0280	400.94	783.94	0.0424	604.33	383.00	179.60
Mozzarella Fed Com 504H	2,302.00	0.1528	2,187.11	2,429.11	0.1315	1,872.59	242.00	556.52
Mozzarella Fed Com 505H	1,234.00	0.0819	1,172.41	1,514.41	0.0820	1,167.45	342.00	346.96
Mozzarrella Fed Com 302H	1,834.00	0.1217	1,742.46	2,276.46	0.1232	1,754.92	534.00	521.55
Mozzarrella Fed Com 402H	1,923.00	0.1276	1,827.02	2,069.02	0.1120	1,595.00	242.00	474.02
Gouda 5 Fed Com 304H	2,012.00	0.1335	1,911.58	2,145.58	0.1162	1,654.02	234.00	491.56
Gouda 5 Fed Com 404H	1,923.00	0.1276	1,827.02	2,251.02	0.1219	1,735.31	424.00	515.72
Gouda 5 Fed Com 506H	1,834.00	0.1217	1,742.46	1,974.46	0.1069	1,522.11	232.00	452.36
Facility Totals:	15,067.00	1.0000	14,315.00	18,472.00	1.0000	14,240.00	4,157.00	4,232.00

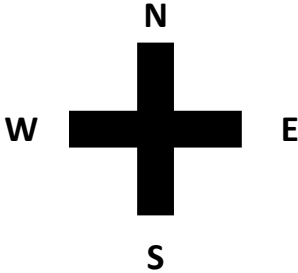
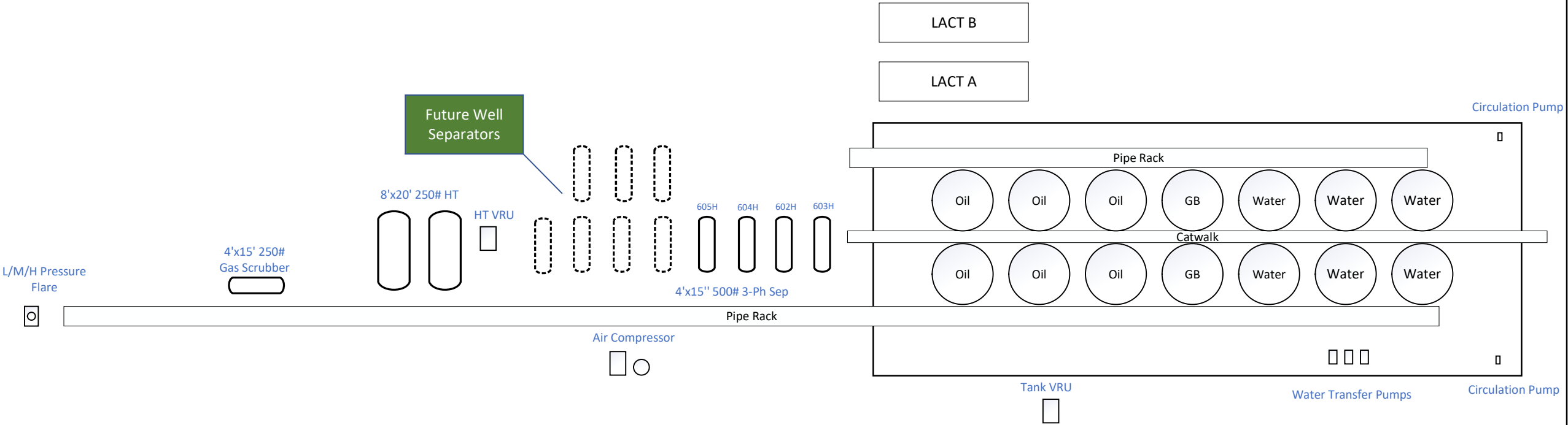
CTBs Allocated Water Production (BBL)	14,315
CTBs Available Water to Transfer (BBL)	18,472
Total of CTBs Water Transfer Meters (BBL)	14,240
CTB's Beginning Water Tank Inventory (BBL)	4,157
CTB's Ending Water Tank Inventory (BBL)	4,232

Existing Wells:

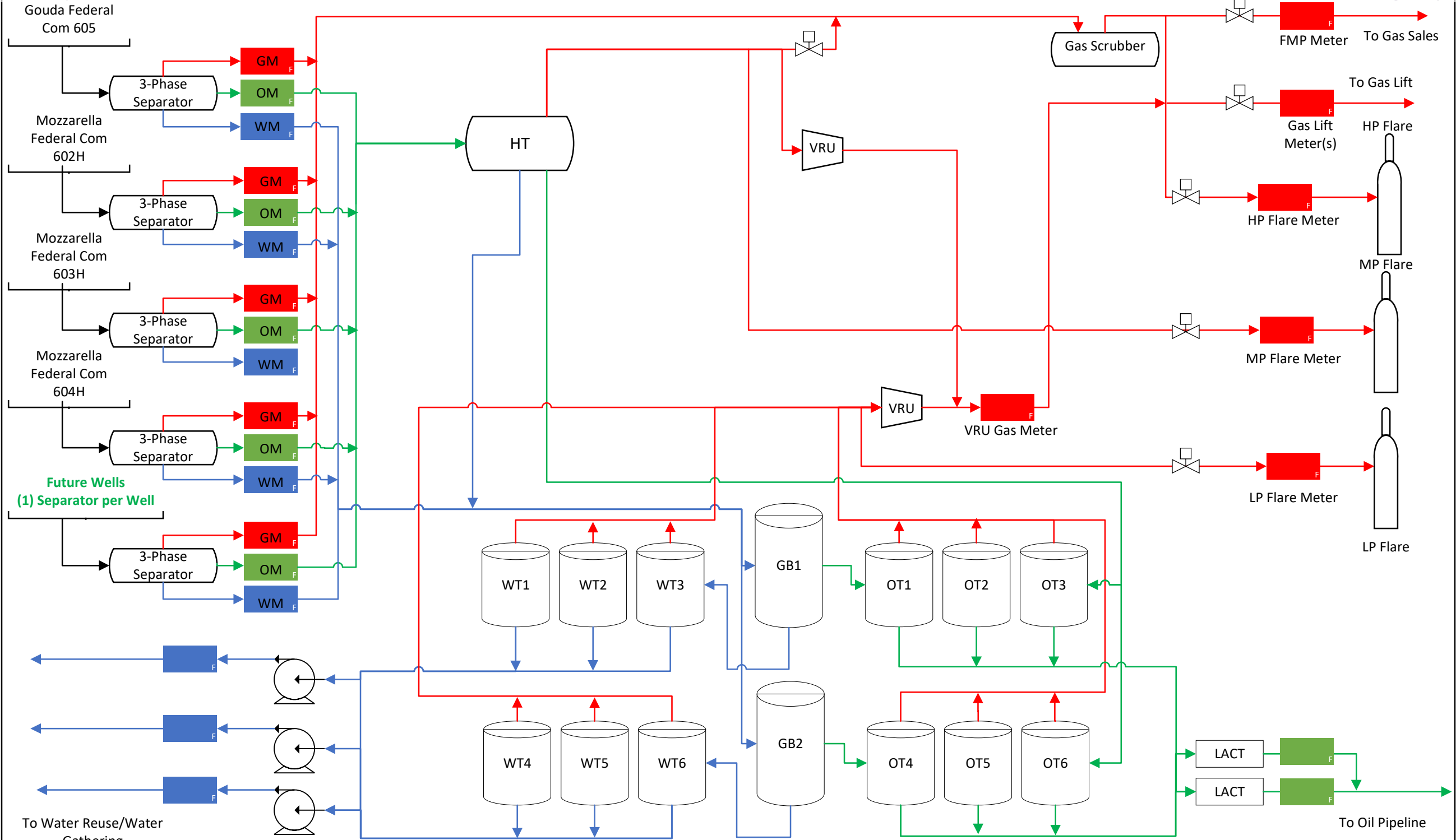
- 1) Gouda Federal Com 605H
- 2) Mozzarella Federal Com 602H
- 3) Mozzarella Federal Com 603H
- 4) Mozzarella Federal Com 604H

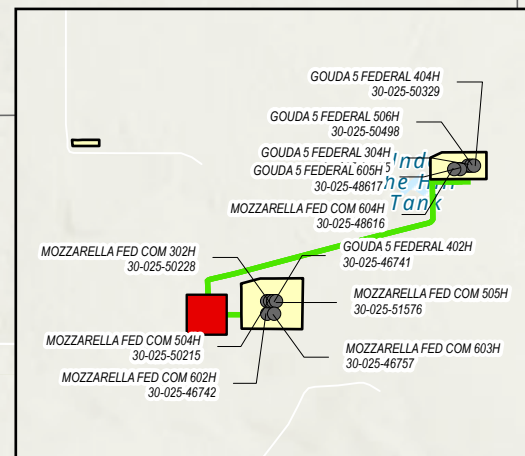
Future Wells:

- 1) Mozzarella Fed Com 504H
- 2) Mozzarella Fed Com 505H
- 3) Mozzarella Fed Com 302H
- 4) Mozzarella Fed Com 402H
- 5) Gouda 5 Fed Com 304H
- 6) Gouda 5 Fed Com 404H
- 7) Gouda 5 Fed Com 506H



Mozzarella 8 CTB 1 Facility Layout
Updated: 6/14/2023

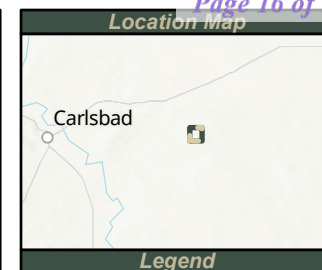





22S 32E















3795 ft

04



 Communitized Areas

CA Agmts

-  NMNM-131588
 B0-0399
 E0-1932
 VB-1365
 VB-2227
 VB-2424
 VB-2430
 VB-2227 - Outside CA
 NMNM-131588 - Outside CA
 SHL
 Wellbores
 Flowlines
 Central Tank Battery
 Facility Pads



0 500 1,000 2,000 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.



Mozzarella / Gouda Fed Com Agreement

Delaware, Lea County, New Mexico

Created Date: 06/19/23	Revised Date: 6/19/2023
------------------------	-------------------------

Author: K. Biersmith Drafter: T. Douglass

Path: X:\GIS\CorpProjects\Regulatory\Conningling\Projects\ConninglingTemplate.apr

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

Run Date/Time: 12/20/2021 14:33 PM

Page 1 Of 3

01 12-22-1987;101STAT1330;30USC181 ET SEQ
Case Type 312021: O&G LSE COMP PD -1987
Commodity 459: OIL & GAS
Case Disposition: AUTHORIZED

Total Acres:
886.410

Serial Number
NMNM 131588

Case File Juris:

							Serial Number: NMNM-- 131588	
Name & Address							Int Rel	% Interest
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON	TX	770562701	LESSEE			30.000000000
MARATHON OIL PERMIAN LLC	5555 SAN FELIPE ST	HOUSTON	TX	770562701	OPERATING RIGHTS			0.000000000
CENTENNIAL RESOURCES PRODUCTION LLC	1001 17TH ST STE 1800	DENVER	CO	802022058	OPERATING RIGHTS			0.000000000
CENTENNIAL RESOURCES PRODUCTION LLC	1001 17TH ST STE 1800	DENVER	CO	802022058	LESSEE			70.000000000
OXY Y-1 CO	5 GREENWAY PLZ STE 110	HOUSTON	TX	770460521	OPERATING RIGHTS			0.000000000
OXY USA INC	5 GREENWAY PLZ STE 110	HOUSTON	TX	770460521	OPERATING RIGHTS			0.000000000

									Serial Number: NMNM-- 131588		
Mer	Twp	Rng	Sec	S	Type	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
23	0220S	0320E	005	ALIQ		02	S2N2,W2SW;		CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0220S	0320E	005	LOTS		01	1-4;		CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0220S	0320E	006	ALIQ		04	S2NE,E2SW,SE;		CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT
23	0220S	0320E	006	LOTS		03	1,2,6,7;		CARLSBAD FIELD OFFICE	LEA	BUREAU OF LAND MGMT

Relinquished/Withdrawn Lands**Serial Number: NMNM-- 131588**

				Serial Number: NMNM-- 131588	
Act Date	Act Code	Action Txt	Action Remarks	Pending Off	
11/20/2013	387	CASE ESTABLISHED	201310012;		
11/21/2013	143	BONUS BID PAYMENT RECD	\$1774.00;		
11/21/2013	191	SALE HELD			
11/21/2013	267	BID RECEIVED	\$8337800.00;		
12/05/2013	143	BONUS BID PAYMENT RECD	\$8336026.00;		
01/22/2014	237	LEASE ISSUED			
01/22/2014	974	AUTOMATED RECORD VERIF	DME		
02/01/2014	496	FUND CODE	05;145003		
02/01/2014	530	RLTY RATE - 12 1/2%			
02/01/2014	868	EFFECTIVE DATE			
04/07/2014	140	ASGN FILED	FEDERAL A/DEVON ENE;1		
05/08/2014	139	ASGN APPROVED	EFF 05/01/14;		

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page**

Run Date/Time: 12/20/2021 14:33 PM

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Serial Number: NMNM-- 131588

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
05/08/2014	974	AUTOMATED RECORD VERIF	LBO	
04/06/2017	140	ASGN FILED	DEVON ENE/CROWN OIL;1	
05/11/2017	139	ASGN APPROVED	EFF 05/01/17;	
05/11/2017	974	AUTOMATED RECORD VERIF	RCC	
05/01/2018	246	LEASE COMMITTED TO CA	NMNM138602	
08/07/2018	650	HELD BY PROD - ACTUAL	/1/	
08/07/2018	658	MEMO OF 1ST PROD-ACTUAL	/1/NMNM138602;#1H	
10/05/2018	932	TRF OPER RGTS FILED	DEVON ENE/CENTENNIA;1	
03/07/2019	140	ASGN FILED	CROWN OIL/MARATHON;1	
03/07/2019	932	TRF OPER RGTS FILED	CROWN OIL/MARATHON;1	
03/12/2019	933	TRF OPER RGTS APPROVED	EFF 11/01/18;	
03/12/2019	974	AUTOMATED RECORD VERIF	JY	
03/25/2019	140	ASGN FILED	CROWN OIL/CENTENNIA;1	
05/09/2019	643	PRODUCTION DETERMINATION	/1/	
05/24/2019	932	TRF OPER RGTS FILED	DEVON ENERG/OXY USA;1	
06/05/2019	140	ASGN FILED	DEVON ENE/CENTENNIA;1	
07/02/2019	139	ASGN APPROVED	EFF 04/01/19;1	
07/02/2019	269	ASGN DENIED	CROWN/CENT NO RT;	
07/02/2019	933	TRF OPER RGTS APPROVED	EFF 04/01/19;	
07/02/2019	974	AUTOMATED RECORD VERIF	AMV	
08/16/2019	933	TRF OPER RGTS APPROVED	EFF 06/01/19;	
08/16/2019	974	AUTOMATED RECORD VERIF	PM	
09/09/2019	139	ASGN APPROVED	EFF 07/01/19;	
09/09/2019	974	AUTOMATED RECORD VERIF	KB	
09/20/2021	899	TRF OF ORR FILED	1	

Line Number	Remark Text	Serial Number: NMNM-- 131588
0002	STIPULATIONS ATTACHED TO LEASE:	
0003	NM-11-LN SPECIAL CULTURAL RESOURCE	
0004	SENM-S-1 POTASH STIPULATION	
0005	SENM-S-15 WILDLIFE HABITAT PROJECTS	
0006	SENM-S-17 SLOPES OR FRAGILE SOILS	
0007	SENM-S-22 PRAIRIE CHICKENS	
0008	SENM-S-34 ZONE 3 - POD	
0009	03/12/2019 RENTAL PAID 02/01/2019	
0010	08/16/2019 - OR WORKSHEET DONE	
0011	08/16/2019 - OXY USA SW/NM CFO BOND NMB001508	

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(MASS) Serial Register Page

Run Date/Time: 12/20/2021 14:33 PM

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**NM State Land Office
Oil, Gas, & Minerals Division**

**STATE/FEDERAL OR
STATE/FEDERAL/FEE**

Revised August, 2021

ONLINE Version

COMMUNITIZATION AGREEMENT

API Initial Well: 30-02 - 546742

30-02-546741

30-02-548616

THIS AGREEMENT, entered into as of the date shown in Section 10 hereof by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto,"

WITNESSETH:

WHEREAS, the Act of February 25, 1920, 41 Stat. 437, as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a federal oil and gas lease, or any portions thereof, with other lands, whether or not owned by the United States, when separate tracts under such federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area, and such communitization or pooling is determined to be in the public interest; and,

WHEREAS, the Commissioner of Public Lands of the State of New Mexico, herein called "the Commissioner", is authorized to consent to and approve agreements pooling state oil and gas leases or any portion thereof, when separate tracts under such state leases cannot be independently developed and operated economically in conformity with well-spacing and gas proration rules and regulations established for the field or area and such pooling is determined to be in the public interest; and,

WHEREAS, the parties hereto own working, royalty, or other leasehold interests, or operating rights under the oil and gas leases and land subject to this agreement, and all such State leases are required to remain in good standing and compliant with State laws, rules & regulations, which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and,

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of the agreement;

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Subdivisions W/2 E/2, E/2 W/2 of Sec 32 T21S, R32E & W/2 E/2, E/2 W/2 of Sec 5 T22S, R32E,

Sect(s) _____, T _____, R _____, NMPM Lea County, NM

containing 639.34 acres, more or less, and this agreement shall include only the

Bonespring Formation

or pool, underlying said lands and the Oil, gas and other minerals

(hereinafter referred to as "communitized substances") producible from such formation.

2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit "B" designating the operator of the communitized area and showing the acreage, percentage, and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
3. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and three (3) executed copies of a designation of successor operator shall be filed with the Authorized Officer and three (3) additional executed copies thereof shall be filed with the Commissioner.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, and the Commissioner, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties, and such other reports as are deemed necessary to compute monthly the royalty due the United States and the State of New Mexico, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of leasehold bears to the entire acreage interest committed to this agreement.
6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any federal lease bearing a sliding-or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8. The commencement, completion, continued operation or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules, and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or is such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is June 01 2021 Month Day, Year, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution of the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of Interior, or his duly authorized representative, and by the Commissioner or his duly authorized representative, and shall remain in force and effect for a period of two (2) years and so long thereafter as communitized substances are produced from the communitized area in paying quantities, and so long as all State leases remain in good standing with all State laws, rules & regulations; provided, that the two-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period; provided further that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of Interior, or his duly authorized representative, and all requirements of the Commissioner, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of the capability of production if, within sixty (60) days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted and prosecuted with reasonable diligence. As to lands owned by the State of New Mexico, written notice of intention to commence such operations shall be filed with the Commissioner within thirty (30) days after the cessation of such capability of production, and a report of the status of such operations shall be made by the Operator to the Commissioner every thirty (30) days, and the cessation of such operations for more than twenty (20) consecutive days shall be considered as an abandonment of such operations as to any lease from the State of New Mexico included in this agreement.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interest until this agreement terminates, and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal lands shall be subject to approval by the

Secretary of the Interior, and as to State of New Mexico lands shall be subject to approval by the Commissioner.

12. It is agreed by the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all operations within the communitized area to the same extent and degree as provided in the oil and gas leases under which the United States of America is lessor, and in the applicable oil and gas operating regulations of the Department of the Interior. It is further agreed between the parties hereto that the Commissioner shall have the right of supervision over all operations to the same extent and degree as provided in the oil and gas leases under which the State of New Mexico is lessor and in the applicable oil and gas statutes and regulations of the State of New Mexico.
13. The agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination: In connection with the performance of work under this agreement, the Operator agrees to comply with all of the provisions of Section 202 (1) to (7) inclusive, of Executive Order 11246 (30 F. R. 12319), as amended which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first written and have set opposite their respective names the date of execution.

Operator Centennial Resource Production, LLC

Lessees of Record _____

Name Skylar Fast

Print name of person

By

7.8.21

12/6/21

Land Manager

Type of authority

Attach additional page(s) if needed.

[Acknowledgments are on following page.]

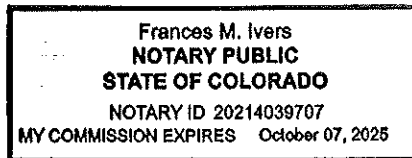
2023 06 26 11:25:58 AM

Acknowledgment in an Individual Capacity

State of ColoradoCounty of Denver) SS)This instrument was acknowledged before me on 12/6/21
DATEBy Skylar Fast

Name(s) of Person(s)

(Seal)



Signature of Notarial Officer
My commission expires: 10/07/2025

Acknowledgment in a Representative Capacity

State of _____)

County of _____) SS)

This instrument was acknowledged before me on _____
DATEBy Skylar Fast

Name(s) of Person(s)

as Land Managerof Centennial Resource Production, LLC

Type of authority, e.g., officer, trustee, etc

Name of party on behalf of whom instrument was executed

(Seal)

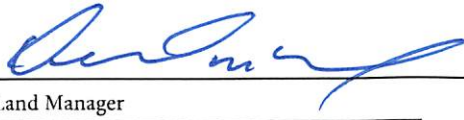
Signature of Notarial Officer

My commission expires: _____

2021 DEC 29 PM 11:40

Partner Devon Energy Production Company, LP

Name David M. Korell
Print name of person

By  AM
Land Manager
Type of authority

Acknowledgment in an Individual Capacity

State of _____)
County of _____) S S)
This instrument was acknowledged before me on _____
DATE

By _____
Name(s) of Person(s)

(Seal)

Signature of Notarial Officer

My commission expires: _____

Acknowledgment in a Representative Capacity

State of OKLAHOMA)
County of OKLAHOMA) S S)
This instrument was acknowledged before me on 28 Feb 2023
DATE

By David M. Korell

Name(s) of Person(s) Devon Energy Production Company, L.P. an Oklahoma limited partnership on behalf
as Land Manager of of said partnership.

Type of authority, e.g., officer, trustee, etc Name of party on behalf of whom instrument was executed

(Seal)




Signature of Notarial Officer

My commission expires: 11.25.2025

ONLINE
version
August 2021

State/Fed/Fee

Operator Marathon Oil Permian LLCName Clayton Rule
Print name of personBy C. Rule
Attorney-in-Fact
Type of authority

2023-06-26 09:40

Acknowledgment in an Individual Capacity

State of _____)

County of _____) S S)

This instrument was acknowledged before me on _____
DATEBy _____
Name(s) of Person(s)

(Seal)

Signature of Notarial Officer

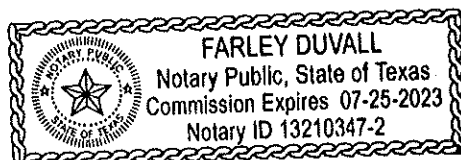
My commission expires: _____

Acknowledgment in a Representative Capacity

State of Texas)County of Harris) S S)This instrument was acknowledged before me on 10/28/2021
DATEBy Clayton Rule
Name(s) of Person(s)as Attorney-in-Fact of Marathon Oil Permian, LLC

Type of authority, e.g., officer, trustee, etc Name of party on behalf of whom instrument was executed

(Seal)

R. R. #

Signature of Notarial Officer

My commission expires: _____

2021 OCT 23 01:14:59

FASKEN ACQUISITIONS 02, LTD. a
Texas limited partnership
By: Fasken Management, LLC its general
Partner

BY: Tommy E. Taylor
Tommy E. Taylor, Senior Vice President

DMW

Acknowledgment in an Individual Capacity

State of _____)

County of _____) SS)

This instrument was acknowledged before me on _____

DATE

By _____

Name(s) of Person(s)

(Seal)

Signature of Notarial Officer

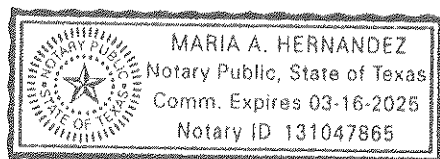
My commission expires: _____

Acknowledgment in a Representative Capacity

STATE OF TEXAS §

COUNTY OF MIDLAND §

The foregoing instrument was acknowledged before me this 27 day of Oct., 2021,
by Tommy E. Taylor, Senior Vice President of Fasken Management, LLC., the General Partner of
Fasken Acquisitions 02, Ltd., a Texas limited partnership, on behalf of said limited liability
company and said limited partnership.



Maria A. Hernandez
Notary Public-State of Texas

EXHIBIT A

To Communitization Agreement dated June 1, 2021 embracing W/2 E/2, E/2 W/2 Section 32,

Township 21 South, Range 32 East, N.M.P.M, and W/2 E/2, E/2 W/2 Section 5, Township 22

South, Range 32 East, N.M.P.M, Lea County, New Mexico

Operator of Communitized Area: Centennial Resource Production, LLC**DESCRIPTION OF LEASES COMMITTED****TRACT NO. 1**

Lease Serial No.: VB-2424
 Lease Date: 9/1/2014
 Lease Term: 81 Months
 Lessor: State of New Mexico
 Original Lessee: GMT Exploration Company, LLC
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions W/2 NE/4,
 Sect(s) 32, Twp 21S, Rng 32E NMPM, Lea County, NM
 Number of Acres: 80
 Royalty Rate: 18.75%
 Name and Percent ORRI Owners: GMT New Mexico Royalty, LLC 3.25%
 Name and Percent WI Owners: Centennial Resource Production, LLC 100%

TRACT NO. 2

Lease Serial No.: VB-2430
 Lease Date: 9/1/2014
 Lease Term: 81 Months
 Lessor: State of New Mexico
 Original Lessee: Crown Oil Partners V, LP
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions NW/4 SE/4,
 Sect(s) 32, Twp 21S, Rng 32E NMPM, Lea County, NM
 Number of Acres: 40
 Royalty Rate: 18.75%
 Name and Percent ORRI Owners: Post Oak Crown IV, LLC et al 3.25%
 Name and Percent WI Owners: Centennial Resource Production, LLC 100%

20110903 11:11:40

TRACT NO. 3

Lease Serial No.: B0-0399
 Lease Date: 11/24/1931
 Lease Term: 60 Months
 Lessor: State of New Mexico
 Original Lessee: Mazel Oil & Gas Company
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions SW/4 SE/4,
 Sect(s) 32, Twp 21S, Rng 32E, NMPM, Lea, _____ County, NM
 Number of Acres: 40
 Royalty Rate: 18.75%
 Name and Percent ORRI Owners: Elaine Novy Shapiro, et al 0.653327%
 Name and Percent WI Owners: Centennial Resource Production, LLC 1.250844

ConocoPhillips Company 70.642805%
 RKC, Inc 3.291270%
 Chevron USA, Inc. 17.501147%

Fasken Acquisitions 02, Ltd. 4.7235805%
 Paladin Energy Corporation 1.295177%
 Raven Resources, LLC 0.431726%
 Sunrise Oil and Gas Properties, LLC 0.863451%

TRACT NO. 4

Lease Serial No.: NMNM-131588
 Lease Date: 2/1/2014
 Lease Term: 120
 Lessor: United States of America
 Original Lessee: Federal Abstract Co
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions Lot 2, Lot 3, SW/4 NE/4, SE/4NW/4,
 Sect(s) 5, Twp 22S, Rng 32E, NMPM, Lea, _____ County, NM
 Number of Acres: 159.34
 Royalty Rate: 12.5%
 Name and Percent ORRI Owners: Post Oak Crown IV, LLC, et al 4.275%
 Name and Percent WI Owners: Centennial Resource Production, LLC 100%

2021 DEC 30 09:11:40

TRACT NO. 5

Lease Serial No.: VB-1365
 Lease Date: 03/01/2008
 Lease Term: 60 Months
 Lessor: State of New Mexico
 Original Lessee: Devon Energy Production Company LP
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions W/2 SE/4, E/2 SW/4,
 Sect(s) 5, Twp 22S, Rng 32E, NMPM, Lea County, NM
 Number of Acres: 160
 Royalty Rate: 18.75%
 Name and Percent ORRI Owners: None
 Name and Percent WI Owners: Centennial Resource Production, LLC 100%

20210703 09:11:40

TRACT NO. 6

Lease Serial No.: E0-1932
 Lease Date: 06/10/1948
 Lease Term: 60 Months
 Lessor: State of New Mexico
 Original Lessee: Erle Payen
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions SE/4NW/4,
 Sect(s) 32, Twp 21S, Rng 32E, NMPM, Lea County, NM
 Number of Acres: 40
 Royalty Rate: 12.5%
 Name and Percent ORRI Owners: Elaine Novy Shapiro, et al 2.287992
 Name and Percent WI Owners: Centennial Resource Production, LLC 23.192646 %

ConocoPhillips Company 51.992273 %
 Chevron USA, Inc 17.501147%
 Fasken Acquisitions 02, Ltd 4.72358%
 Paladin Energy Corporation 1.295177
 Raven Resources, LLC 0.431726%
 Sunrise Oil and Gas Properties, LLC 0.863451

TRACT NO. 7Lease Serial No.: VB-2227Lease Date: 01/01/2013Lease Term: 60 MonthsLessor: State of New MexicoOriginal Lessee: GMT Exploration Company, LLCPresent Lessee: Centennial Resource Production, LLCDescription of Land Committed: Subdivisions NE/4NW/4, E/2SW/4,Sect(s) 32, Twp 21S, Rng 32E, NMPM, _____ Lea _____ County, NMNumber of Acres: 120Royalty Rate: 18.75%Name and Percent ORRI Owners: GMT New Mexico Royalty, LLC 3.25%Name and Percent WI Owners: Centennial Resource Production, LLC 100%

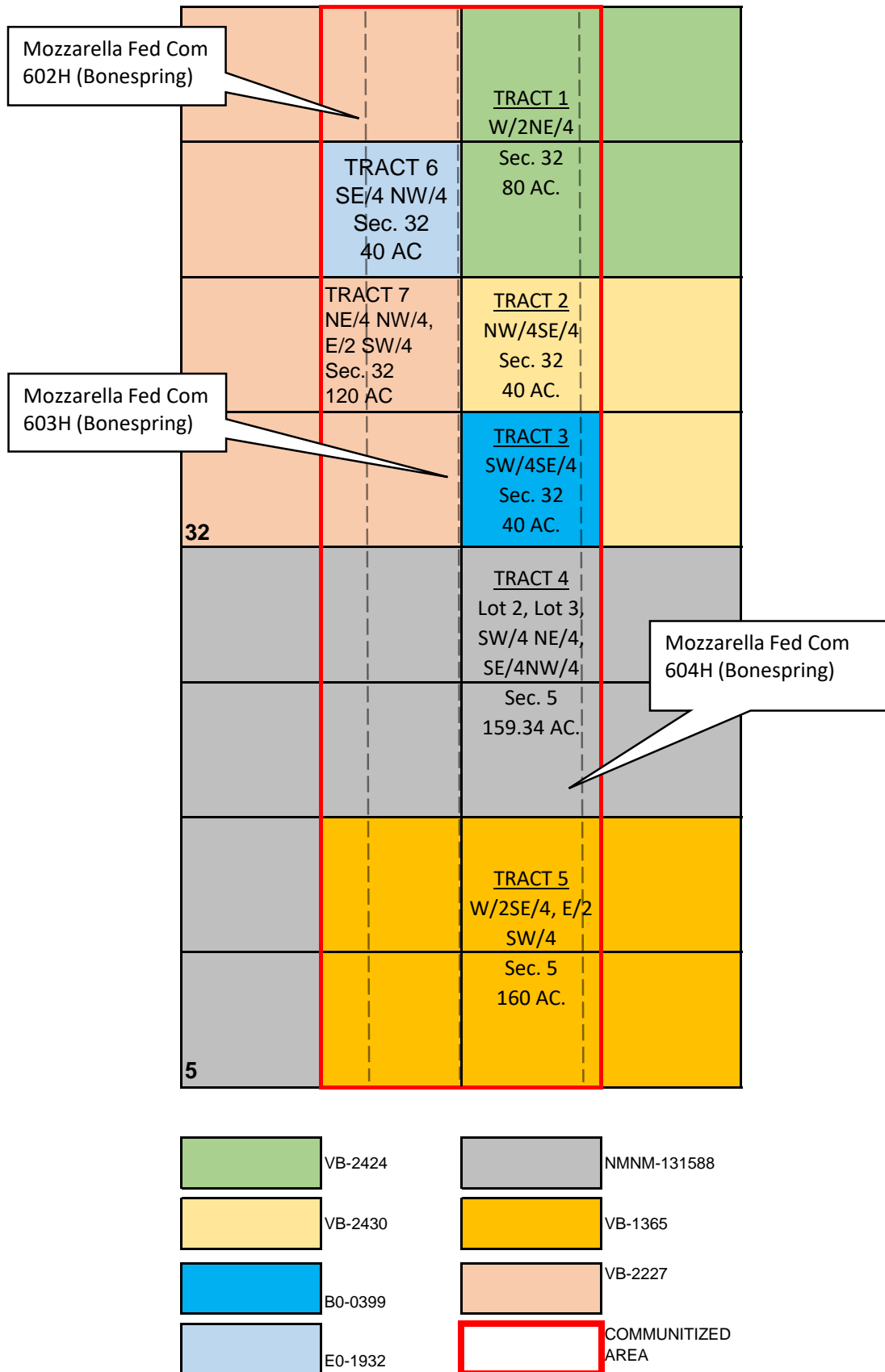
11/10/2025 11:25:58 AM

Tract numbers	Number of Acres Committed	Percentage of Interest in Communitized Area
Tract No.1	80.00	12.5129%
Tract No.2	40.00	6.2565%
Tract No.3	40.00	6.2565%
Tract No.4	159.34	24.9226%
Tract No.5	160.00	25.0258%
Tract No.6	40.00	6.2565%
Tract No.7	120.00	18.7694%
Total	639.34	100.000000%

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840.

Exhibit B

To Communitization Agreement dated June 1, 2021 embracing W/2 E/2, E/2 W/2 Section 32, Township 21 South, Range 32 East, N.M.P.M, and W/2 E/2, E/2 W/2 Section 5, Township 22 South, Range 32 East, N.M.P.M, Lea County, New Mexico



**NM State Land Office
Oil, Gas, & Minerals Division**

**STATE/FEDERAL OR
STATE/FEDERAL/FEE**

Revised August, 2021

ONLINE Version
COMMUNITIZATION AGREEMENT

API Initial Well: 30-025-48617

THIS AGREEMENT, entered into as of the date shown in Section 10 hereof by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto,"

WITNESSETH:

WHEREAS, the Act of February 25, 1920, 41 Stat. 437, as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a federal oil and gas lease, or any portions thereof, with other lands, whether or not owned by the United States, when separate tracts under such federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area, and such communitization or pooling is determined to be in the public interest; and,

WHEREAS, the Commissioner of Public Lands of the State of New Mexico, herein called "the Commissioner", is authorized to consent to and approve agreements pooling state oil and gas leases or any portion thereof, when separate tracts under such state leases cannot be independently developed and operated economically in conformity with well-spacing and gas proration rules and regulations established for the field or area and such pooling is determined to be in the public interest; and,

WHEREAS, the parties hereto own working, royalty, or other leasehold interests, or operating rights under the oil and gas leases and land subject to this agreement, and all such State leases are required to remain in good standing and compliant with State laws, rules & regulations, which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and,

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of the agreement;

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Subdivisions E/2 E/2 of SEC 32, T21S R32E & E/2 E/2 of SEC 5, T22S R32E,

Sect(s) _____, T _____, R _____, NMPM _____ Lea _____ County, NM

containing 319.66 acres, more or less, and this agreement shall include only the

Bone Spring Formation

or pool, underlying said lands and the Oil, gas and other minerals

(hereinafter referred to as "communitized substances") producible from such formation.

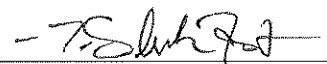
2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit "B" designating the operator of the communitized area and showing the acreage, percentage, and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
3. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and three (3) executed copies of a designation of successor operator shall be filed with the Authorized Officer and three (3) additional executed copies thereof shall be filed with the Commissioner.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, and the Commissioner, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties, and such other reports as are deemed necessary to compute monthly the royalty due the United States and the State of New Mexico, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of leasehold bears to the entire acreage interest committed to this agreement.
6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any federal lease bearing a sliding-or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8. The commencement, completion, continued operation or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules, and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or is such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is June Month 01 Day, 2021 Year, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution of the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of Interior, or his duly authorized representative, and by the Commissioner or his duly authorized representative, and shall remain in force and effect for a period of two (2) years and so long thereafter as communitized substances are produced from the communitized area in paying quantities, and so long as all State leases remain in good standing with all State laws, rules & regulations; provided, that the two-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period; provided further that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of Interior, or his duly authorized representative, and all requirements of the Commissioner, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of the capability of production if, within sixty (60) days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted and prosecuted with reasonable diligence. As to lands owned by the State of New Mexico, written notice of intention to commence such operations shall be filed with the Commissioner within thirty (30) days after the cessation of such capability of production, and a report of the status of such operations shall be made by the Operator to the Commissioner every thirty (30) days, and the cessation of such operations for more than twenty (20) consecutive days shall be considered as an abandonment of such operations as to any lease from the State of New Mexico included in this agreement.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interest until this agreement terminates, and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal lands shall be subject to approval by the

Secretary of the Interior, and as to State of New Mexico lands shall be subject to approval by the Commissioner.

12. It is agreed by the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all operations within the communitized area to the same extent and degree as provided in the oil and gas leases under which the United States of America is lessor, and in the applicable oil and gas operating regulations of the Department of the Interior. It is further agreed between the parties hereto that the Commissioner shall have the right of supervision over all operations to the same extent and degree as provided in the oil and gas leases under which the State of New Mexico is lessor and in the applicable oil and gas statutes and regulations of the State of New Mexico.
13. The agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination: In connection with the performance of work under this agreement, the Operator agrees to comply with all of the provisions of Section 202 (1) to (7) inclusive, of Executive Order 11246 (30 F. R. 12319), as amended which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first written and have set opposite their respective names the date of execution.

Operator Centennial Resource Production, LLC Lessees of Record _____
 By Skylar Fast  _____
Print name of person
Land Manager _____
Type of authority

Attach additional page(s) if needed.

[Acknowledgments are on following page.]

Acknowledgment in an Individual Capacity

State of _____)

County of _____) SS)

This instrument was acknowledged before me on _____

DATE

By _____

Name(s) of Person(s)

(Seal)

Signature of Notarial Officer

My commission expires: _____

Acknowledgment in a Representative Capacity

State of Colorado)County of Denver) SS)This instrument was acknowledged before me on 12/06/2021

DATE

By Skylar Fast

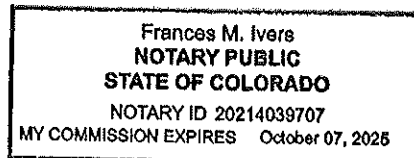
Name(s) of Person(s)

as Land Manager of Centennial Resource Production, LLC

Type of authority, e.g., officer, trustee, etc

Name of party on behalf of whom instrument was executed

(Seal)



Signature of Notarial Officer

My commission expires: 10/07/2025

2021 DEC 23 PM 11:24

Partner Marathon Oil Permian, LLC

Lessees of Record _____

By

Print name of person

Type of authority

Clayton Rule
Attorney-in-Fact

Acknowledgment in an Individual Capacity

State of _____)

County of _____) SS)

This instrument was acknowledged before me on _____

DATE

By _____

Name(s) of Person(s)

(Seal)

Signature of Notarial Officer

My commission expires: _____

Acknowledgment in a Representative Capacity

State of Texas)County of Harris) SS)This instrument was acknowledged before me on 10/27/2021

DATE

By

Clayton Rule

Name(s) of Person(s)

as

Attorney-in-Fact

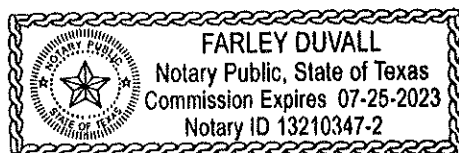
of

Marathon Oil Permian, LLC

Type of authority, e.g., officer, trustee, etc

Name of party on behalf of whom instrument was executed

(Seal)



Signature of Notarial Officer

My commission expires: _____

2021 DEC 25 11:11:34

Partner Devon Energy Production Company, LP

Name David M. Korell
Print name of person

By  AM
Land Manager
Type of authority

Acknowledgment in an Individual Capacity

State of _____)
County of _____) S S)
This instrument was acknowledged before me on _____
DATE

By _____
Name(s) of Person(s)

(Seal)

Signature of Notarial Officer
My commission expires: _____

Acknowledgment in a Representative Capacity

State of OKLAHOMA)
County of OKLAHOMA) S S)
This instrument was acknowledged before me on 28 Feb 2023
DATE

By David M. Korell

Name(s) of Person(s) Devon Energy Production Company, L.P. an Oklahoma limited partnership on behalf
as Land Manager of of said partnership.

Type of authority, e.g., officer, trustee, etc Name of party on behalf of whom instrument was executed

(Seal)




Signature of Notarial Officer
My commission expires: 11.25.2025

ONLINE
version
August 2021

State/Fed/Fee

EXHIBIT ATo Communitization Agreement dated June 01, 2021

Plat of communitized area covering the:

Subdivisions E/2 E/2 of SEC 32, T21S R32E & E/2 E/2 of SEC 5, T22S R32E,of Sect(s). , T , R , NMPM, Lea County, NM.**TRACT NO. 1****DESCRIPTION OF LEASES COMMITTED**

Lease Serial No.: VB-2424
 Lease Date: 9/1/2014
 Lease Term: 81 Months
 Lessor: State of New Mexico
 Original Lessee: GMT Exploration Company, LLC
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions E/2 NE/4,
 Sect(s) 32, Twp 21S, Rng 32E NMPM, Lea County, NM
 Number of Acres: 80 Acres
 Royalty Rate: 18.75%
 Name and Percent ORRI Owners: GMT New Mexico Royalty, LLC 3.25%
 Name and Percent WI Owners: Centennial Resource Production, LLC 100%

TRACT NO. 2

Lease Serial No.: VB-2430
 Lease Date: 9/1/2014
 Lease Term: 81 Months
 Lessor: State of New Mexico
 Original Lessee: Crown Oil Partners V, LP
 Present Lessee: Centennial Resource Production, LLC
 Description of Land Committed: Subdivisions E/2 SE/4,
 Sect(s) 32, Twp 21S, Rng 32E, NMPM, Lea County, NM
 Number of Acres: 40
 Royalty Rate: 18.75%
 Name and Percent ORRI Owners: Post Oak Crown IV, LLC 3.25%
 Name and Percent WI Owners: Centennial Resource Production, LLC 100%

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TRACT NO. 3

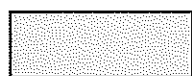
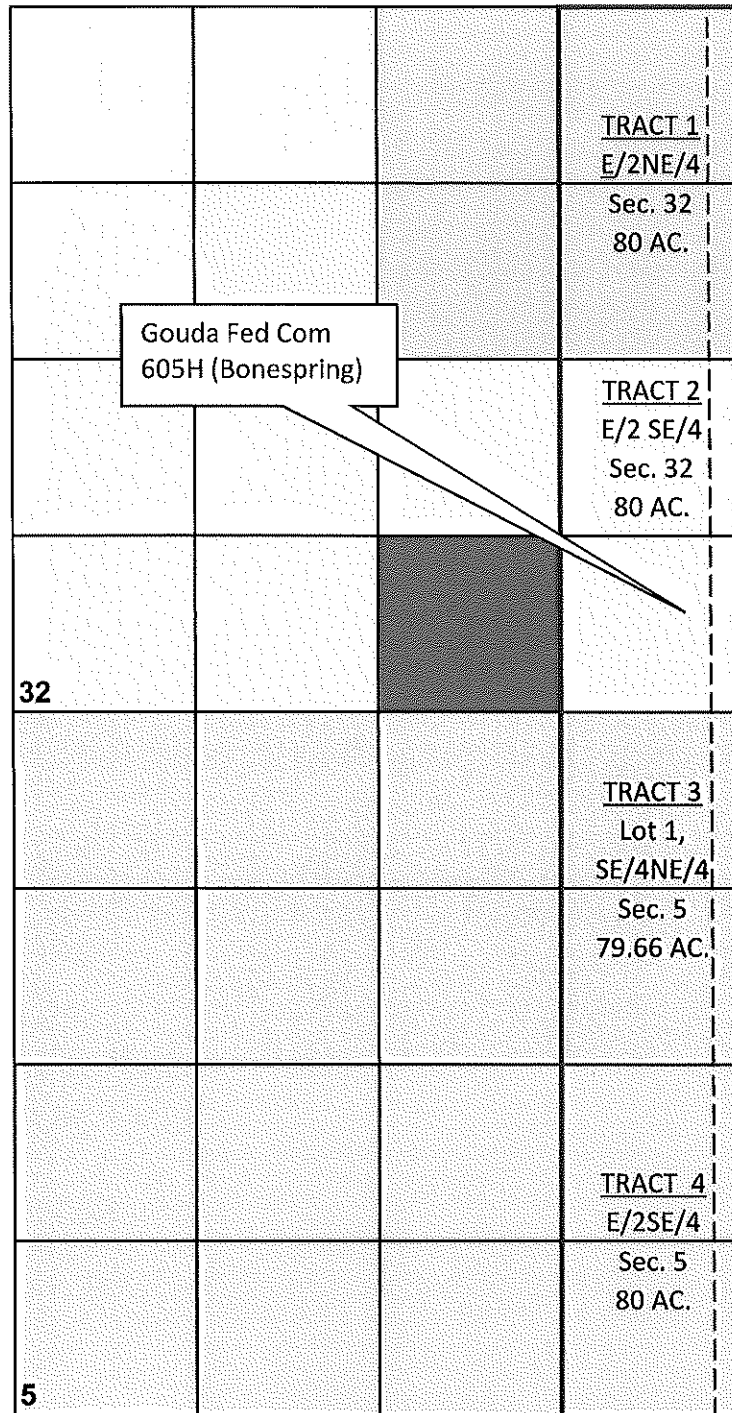
Lease Serial No.: NMNM-131588
Lease Date: 2/1/2014
Lease Term: 120
Lessor: United States of America
Original Lessee: Federal Abstract Co
Present Lessee: Centennial Resource Production, LLC
Description of Land Committed: Subdivisions Lot 1, SE/4 NE/4,
Sect(s) 5, Twp 22S, Rng 32E, NMPM, Lea County, NM
Number of Acres: 79.66
Royalty Rate: 12.5%
Name and Percent ORRI Owners: Post Oak Crown IV, LLC, et al 4.275%
Name and Percent WI Owners: Centennial Resource Production, LLC 100%

TRACT NO. 4

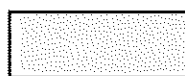
Lease Serial No.: VB-1365
Lease Date: 03/01/2008
Lease Term: 60 Months
Lessor: State of New Mexico
Original Lessee: Devon Energy Production Company, LP
Present Lessee: Centennial Resource Production, LP
Description of Land Committed: Subdivisions E/2 SE/4,
Sect(s) 5, Twp 22S, Rng 32E, NMPM, Lea County, NM
Number of Acres: 80
Royalty Rate: 18.75%
Name and Percent ORRI Owners: None
Name and Percent WI Owners: Centennial Resource Production, LLC

Exhibit B

To Communitization Agreement dated June 1, 2021 embracing E/2 E/2 Section 32, Township 21 South, Range 32 East, N.M.P.M, and E/2 E/2 Section 5, Township 22 South, Range 32 East, N.M.P.M, Lea County, New Mexico



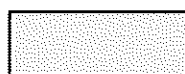
VB-2424



NMNM-131588



VB-2430



VB-1365

COMMUNITIZED
AREA

RECAPITULATION

| Tract numbers | Number of Acres
Committed | Percentage of Interest
in Communitized Area |
|----------------------|--------------------------------------|--|
| Tract No.1 | <u>80.00</u> | <u>25.03%</u> |
| Tract No.2 | <u>80.00</u> | <u>25.03%</u> |
| Tract No.3 | <u>79.66</u> | <u>24.92%</u> |
| Tract No.4 | <u>80.00</u> | <u>25.03%</u> |
| Total | 319.66 | 100% |

3160-9 – COMMUNITIZATION

Model Form of a Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT, entered into as of the date shown in Section 10 hereof by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 21 South, Range 32 East, Lea County, New Mexico

Section 32: E/2 E/2

And

Township 22 South, Range 32 East, Lea County, New Mexico

Section 5: E/2 E/2

Containing 319.66 acres, being further described on Exhibit A attached hereto, and this agreement shall include only the **Bone Spring** Formation(s) underlying said lands and the oil, natural gas, and associated liquid hydrocarbons, hereinafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit B, designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized areas.

3. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area, and four executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement. All proceeds, 8/8ths, attributed to unleased Federal, State or fee land included within the CA area are to be placed in an interest earning escrow or trust account by the designated operator until the land is leased or ownership is established.
6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any non-communitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is **June 1, 2021** and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representatives, and shall remain in force and effect for a period of two years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The two-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interest of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and to assure that no avoidable loss of hydrocarbons occurs in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

15. Nondiscrimination: In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30 F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

Operator & Working Interest Owner:
Centennial Resource Production, LLC

By: _____

Name: Skylar Fast

Title: Land Manager

Date: _____

THE STATE OF COLORADO §
 §
COUNTY OF DENVER §

This instrument was acknowledged before me on this ____ day of _____, 2021, by Sean W. Marshall, as Vice President of Land of Centennial Resource Production, LLC, a Delaware corporation.

Notary Public in and for the State of Texas

Record Title Owner:

Marathon Oil Permian, LLC

By: _____

Name: _____

Title: _____

Date: _____

THE STATE OF §
 §
COUNTY OF §

This instrument was acknowledged before me on this ____ day of _____, 2021,
by _____, as _____ of
_____, a _____ corporation.

Notary Public in and for the State of Texas

Record Title Owner:

Devon Energy Production Co LP

By: _____

Name: _____

Title: _____

Date: _____

THE STATE OF §
 §
COUNTY OF §

This instrument was acknowledged before me on this ____ day of _____, 2021,
by _____, as _____ of
_____, a _____ corporation.

Notary Public in and for the State of Texas

RECAPITULATION

| Tract No. | No. of Acres
Committed | Percentage of Interest
in the Communitized Area |
|--------------|---------------------------|--|
| 1 | 80.00 | 25.03% |
| 2 | 80.00 | 25.03% |
| 3 | 79.66 | 24.92% |
| 4 | 80.00 | 25.03% |
| Total | 319.66 | 100.000000% |

Exhibit A

To Communitization Agreement dated June 1, 2021 embracing E/2 E/2 Section 32, Township 21 South, Range 32 East, N.M.P.M, and E/2 E/2 Section 5, Township 22 South, Range 32 East, N.M.P.M, Lea County, New Mexico

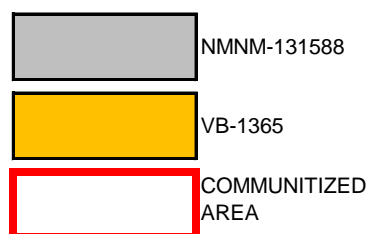
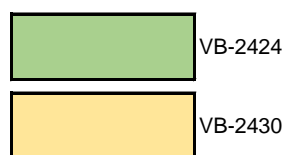
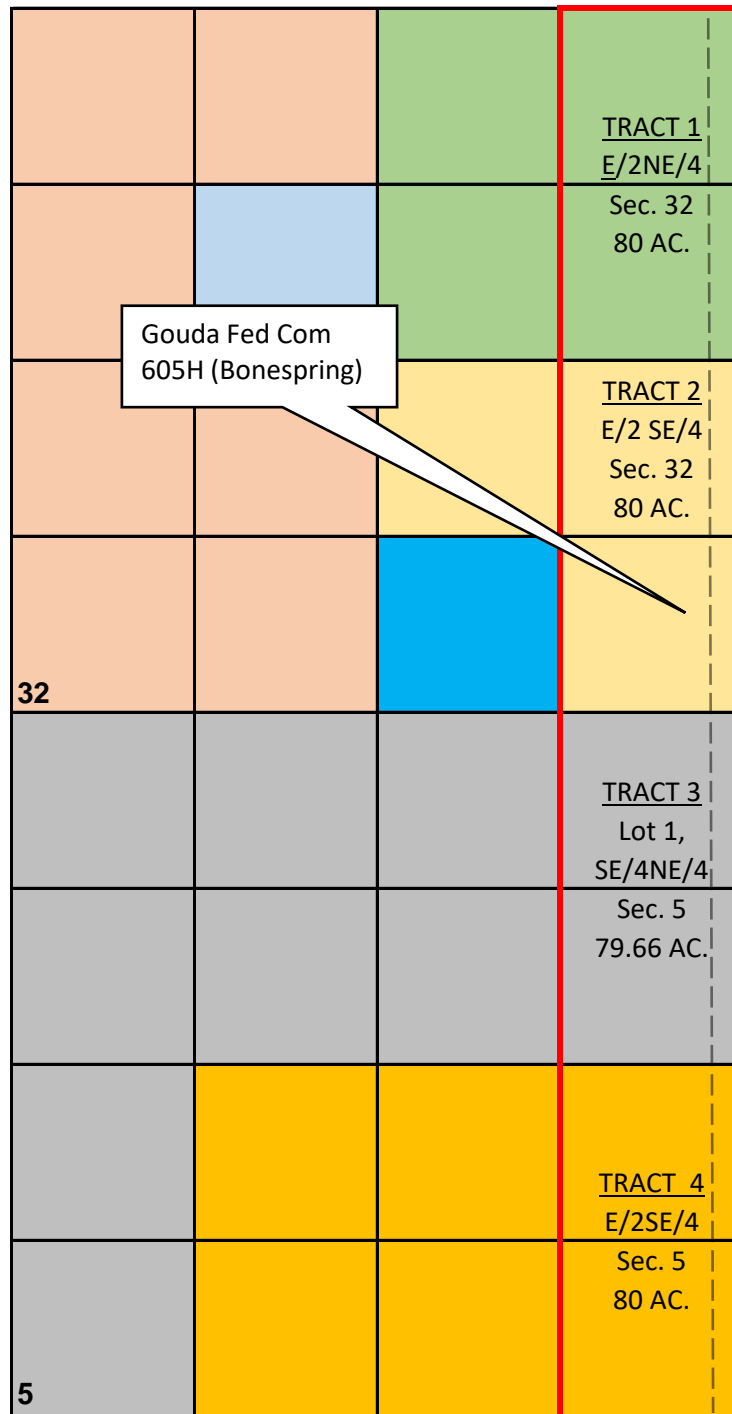


Exhibit B

To Communitization Agreement dated June 1, 2021 embracing E/2 E/2 Section 32, Township 21 South, Range 32 East, N.M.P.M, and E/2 E/2 Section 5, Township 22 South, Range 32 East, N.M.P.M, Lea County, New Mexico

Operator of Communitized Area: Centennial Resource Production, LLC**Tract No. 1**

Lease Serial No.: VB-2424

Description of Lands Committed: Insofar as lease covers E/2 NE/4 Section 32, T21S, R32E, Lea County, NM

Number of Acres: 80.00

Lessor of Record: State of New Mexico

Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ 100.00000%

Tract No. 2

Lease Serial No.: VB-2430

Description of Lands Committed: Insofar as lease covers E/2 SE/4 Section 32, T21S, R32E, Lea County, NM

Number of Acres: 80.00

Lessor of Record: State of New Mexico

Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ 100.00000%

Tract No. 3

Lease Serial No.: NMNM-131588

Description of Lands Committed: Insofar as lease covers Lot 1, SE/4 NE/4 Section 5, T22S, R32E, Lea County, NM

Number of Acres: 79.66

Lessor of Record: USA - Bureau of Land Management

Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ 100.00000%

Tract No. 4

| | |
|---------------------------------|---|
| Lease Serial No.: | VB-1365 |
| Description of Lands Committed: | Insofar as lease covers E/2 SE/4 Section 5, T22S, R32E,
Lea County, NM |
| Number of Acres: | 80.00 |
| Lessor of Record: | State of New Mexico |
| Name and Percent WI Owners: | Centennial Resource Production, LLC _ _ _ _ 100.00000 |

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
CASE RECORDATION
(LIVE) Serial Register Page

Run Date/Time: 11/18/2021 13:32 PM

Page 1 Of 1

01 02-25-1920;041STAT0437;30USC181

Case Type 318310: O&G COMMUNITIZATION AGRMT

Total Acres:
639.340Serial Number
NMNM-- - 143956

Commodity 459: OIL & GAS

Case Disposition: PENDING

Case File Juris: CARLSBAD FIELD OFFICE

Serial Number: NMNM--- 143956

| Name & Address | | | | | | Int Rel | % Interest |
|-------------------------------------|-----------------------|----------|----|------------|---------------------------|---------|---------------|
| BLM NMSO | 301 DINOSAUR TRL | SANTA FE | NM | 87508-1560 | OFFICE OF RECORD OPERATOR | | 0.000000000 |
| CENTENNIAL RESOURCES PRODUCTION LLC | 1001 17TH ST STE 1800 | DENVER | CO | 80202-2058 | | | 100.000000000 |

Serial Number: NMNM-- - 143956

| Mer Twp | Rng | Sec | SType | Nr | Suff | Subdivision | District/ Field Office | County | Mgmt Agency |
|---------|-------|-------|-------|------|------|----------------------|------------------------|--------|---------------------|
| 23 | 0210S | 0320E | 005 | ALIQ | | SWNE,SENW,E2SW,W2SE; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0210S | 0320E | 005 | LOTS | | 2,3; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |
| 23 | 0210S | 0320E | 032 | ALIQ | | W2E2,E2W2; | CARLSBAD FIELD OFFICE | LEA | BUREAU OF LAND MGMT |

Serial Number: NMNM-- - 143956

Relinquished / Withdrawn Lands

Serial Number: NMNM-- - 143956
Pending Office

| Act Date | Act Code | Action Txt | Action Remarks |
|------------|----------|-------------------|----------------|
| 06/01/2021 | 387 | CASE ESTABLISHED | |
| 06/01/2021 | 516 | FORMATION | BONE SPRING; |
| 10/22/2021 | 580 | PROPOSAL RECEIVED | CA RECD; |

Serial Number: NMNM-- - 143956

| Line Number | Remark Text |
|-------------|-------------|
|-------------|-------------|

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

RECEIVED

OCT 22 2021

BLM, NMSO
SANTA FE

1001 17th Street, Suite 1800
Denver, CO 80202

Date: October 20, 2021

NMNM 143956

To: USDI- Bureau of Land Management

Re: **Communitization Agreement** – W/2 E/2, E/2 W/2 Section 32
Township 21 South, Range 32 East, & W/2 E/2, E/2 W/2 Section 5
Township 22 South, Range 32 East, N.M.P.M., Lea County, New
Mexico

Mozzarella Federal Com 602H; 30-025-46742

Mozzarella Federal Com 603H; 30-025-46757

Gouda Federal Com 604H; 30-025-48616

To whom it may concern:

Please find enclosed three original copies of the referenced communitization agreement. This agreement has been drafted to cover the **Bone Spring** formation. The Bone Spring pool for this area is [5695] Bilbrey Basin; Bone Spring; and is based on a 639.34 acre spacing. Should you have any questions please contact me at Frances.Ivers@cdevinc.com or at 720-499-1505.

Centennial Resource Production, LLC

By: 

Frances Ivers
Contract Land Coordinator

RECEIVED

OCT 22 2021

3160-9 – COMMUNITIZATION

BLM, NMSO
SANTA FEModel Form of a Federal Communitization Agreement
Contract No. NMNM 143956

THIS AGREEMENT, entered into as of the date shown in Section 10 hereof by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 21 South, Range 32 East, Lea County, New Mexico

Section 32: W/2 E/2, E/2 W/2

And

Township 22 South, Range 32 East, Lea County, New Mexico

Section 5: ~~W/2 E/2, E/2 W/2~~ *Lots 2, 3, SWNE, W2SE, SE NW, E2SW.*

Containing 639.34 acres, being further described on Exhibit A attached hereto, and this agreement shall include only the **Bone Spring** Formation(s) underlying said lands and the oil, natural gas, and associated liquid hydrocarbons, hereinafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes, is Exhibit B, designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized areas.


3. All matters of operation shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area, and four executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced therefrom shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement. All proceeds, 8/8ths, attributed to unleased Federal, State or fee land included within the CA area are to be placed in an interest earning escrow or trust account by the designated operator until the land is leased or ownership is established.
6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any non-communitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.

9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is **June 1, 2021** and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representatives, and shall remain in force and effect for a period of two years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The two-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interest of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and to assure that no avoidable loss of hydrocarbons occurs in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

15. Nondiscrimination: In connection with the performance of work under this agreement, the operator agrees to comply with all of the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30 F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

Operator & Working Interest Owner:
Centennial Resource Production, LLC

By: 

Name: Skylar Fast

Title: Land Manager

Date: 10/20/2021

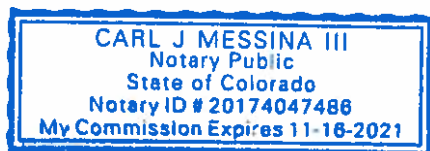
THE STATE OF COLORADO §

§

COUNTY OF DENVER §

This instrument was acknowledged before me on this 20th day of October, 2021, by Sean W. Marshall, as Vice President of Land of Centennial Resource Production, LLC, a Delaware corporation.


Notary Public in and for the State of Texas



Record Title Owner:

Devon Energy Production Company LP

By:  ^{AK}

Name: David M. Korell

Title: Land Manager

Date: 2-28-2023

STATE OF OKLAHOMA §

§

COUNTY OF OKLAHOMA §

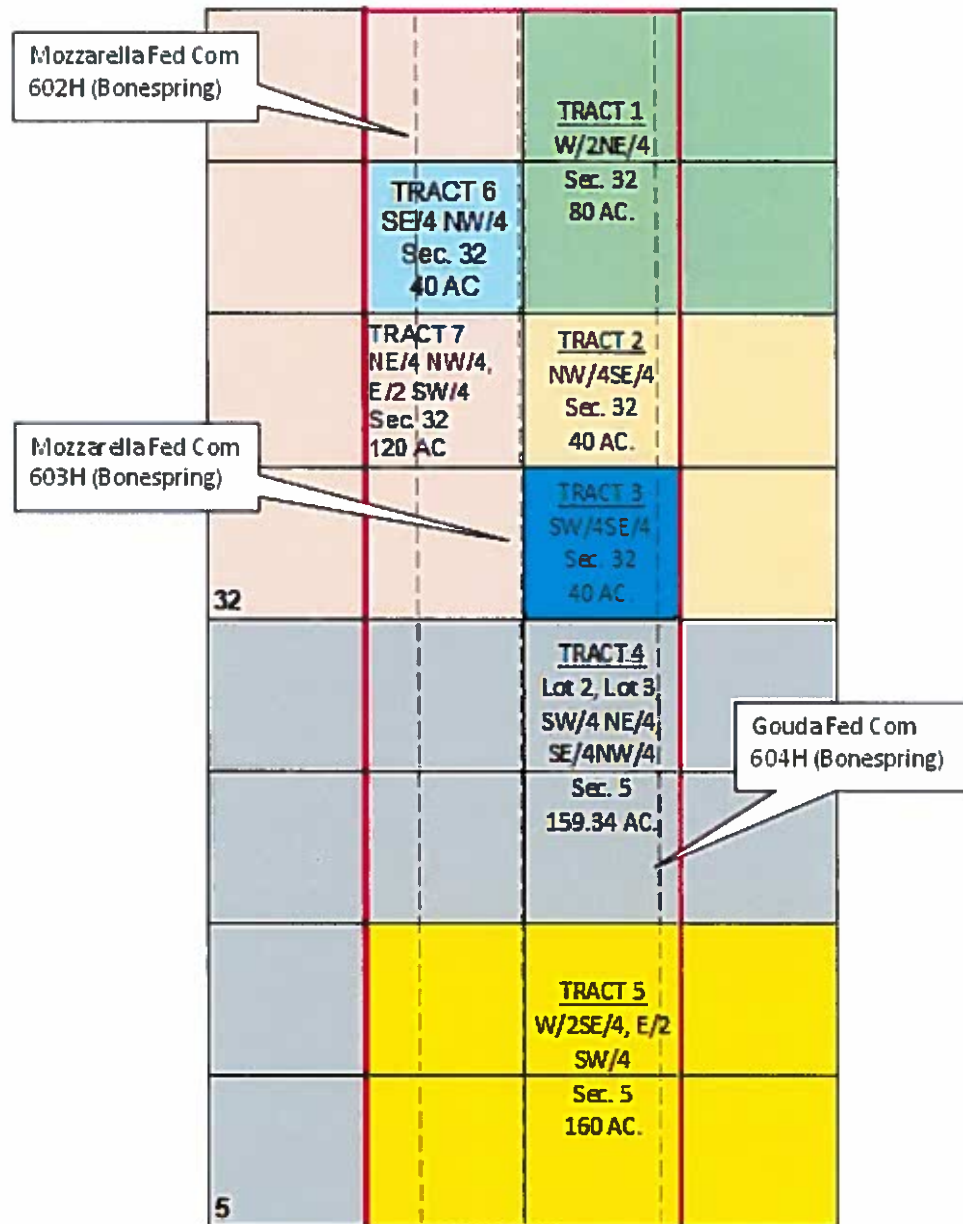
This instrument was acknowledged before me on this 28th day of February, 2023,
by David M. Korell, as Land Manager
of Devon Energy Production Company, L.P., an Oklahoma limited partnership on behalf of said
partnership.




Notary Public in and for the State of Oklahoma

Exhibit A

To Communitization Agreement dated June 1, 2021 embracing W/2 E/2, E/2 W/2 Section 32, Township 21 South, Range 32 East, N.M.P.M, and W/2 E/2, E/2 W/2 Section 5, Township 22 South, Range 32 East, N.M.P.M, Lea County, New Mexico









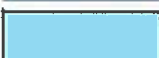

| | | | |
|---|---------|---|-------------------|
|  | VB-2424 |  | N/M/M-131588 |
|  | VB-2430 |  | VB-1385 |
|  | BD-0399 |  | VB-2227 |
|  | ED-1932 |  | COMMUNITIZED AREA |

Exhibit B

To Communitization Agreement dated June 1, 2021 embracing W/2 E/2, E/2 W/2 Section 32, Township 21 South, Range 32 East, N.M.P.M, and W/2 E/2, E/2 W/2 Section 5, Township 22 South, Range 32 East, N.M.P.M, Lea County, New Mexico

Operator of Communitized Area: Centennial Resource Production, LLC

Tract No. 1

Lease Serial No.: VB-2424
Description of Lands Committed: Insofar as lease covers W/2 NE/4 Section 32, T21S, R32E, Lea County, NM
Number of Acres: 80.00
Lessor of Record: State of New Mexico
Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ _ 100.00000%

Tract No. 2

Lease Serial No.: VB-2430
Description of Lands Committed: Insofar as lease covers NW/4 SE/4 Section 32, T21S, R32E, Lea County, NM
Number of Acres: 40.00
Lessor of Record: State of New Mexico
Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ _ 100.00000%

Tract No. 3

Lease Serial No.: B0-0399
Description of Lands Committed: Insofar as lease covers SW/4 SE/4 Section 32, T22S, R32E, Lea County, NM
Number of Acres: 40.00
Lessor of Record: State of New Mexico
Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ _ 100.00000%

Tract No. 4

Lease Serial No.: NMNM-131588
Description of Lands Committed: Insofar as lease covers Lot 2, Lot 3, SW/4 NE/4, SE/4 NW/4 Section 5, T22S, R32E, Lea County, NM
Number of Acres: 159.34
Lessor of Record: USA - Bureau of Land Management
Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ _ 100.00000%

Tract No. 5

Lease Serial No.: VB-1365
Description of Lands Committed: Insofar as lease covers W/2 SE/4, E/2 SW/4 Section 5, T22S, R32E, Lea County, NM
Number of Acres: 160.00
Lessor of Record: State of New Mexico
Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ _ 100.00000

Tract No. 6

Lease Serial No.: E0-1932
Description of Lands Committed: Insofar as lease covers SE/4 NW/4 Section 32, T21S, R32E, Lea County, NM
Number of Acres: 40.00
Lessor of Record: State of New Mexico
Name and Percent WI Owners: ConocoPhillips Company _ _ _ _ 100.00000

Tract No. 7

Lease Serial No.: VB-2227
Description of Lands Committed: Insofar as lease covers NE/4 NW/4, E/2 SW/4 Section 32, T21S, R32E, Lea County, NM
Number of Acres: 120.00
Lessor of Record: State of New Mexico
Name and Percent WI Owners: Centennial Resource Production, LLC _ _ _ _ 100.00000

RECAPITULATION

| Tract No. | No. of Acres
Committed | Percentage of Interest
in the Communitized Area |
|--------------|---------------------------|--|
| 1 | 80.00 | 12.5129% |
| 2 | 40.00 | 6.2565% |
| 3 | 40.00 | 6.2565% |
| 4 | 159.34 | 24.9226% |
| 5 | 160.00 | 25.0258% |
| 6 | 40.00 | 6.2565% |
| 7 | 120.00 | 18.7694% |
| Total | 639.34 | 100.000000% |

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

RECEIVED

**IN THE MATTER OF APPLICATION FOR
COMPULSORY POOLING SUBMITTED BY
CENTENNIAL RESOURCES PRODUCTION, LLC**

**CASE NO. 21541
ORDER NO. R-21564**

OCT 22 2021

**BLM, NMSO
SANTA FE**

ORDER

The Director of the New Mexico Oil Conservation Division ("OCD"), having heard this matter through a Hearing Examiner on December 3, 2020, and after considering the testimony, evidence, and recommendation of the Hearing Examiner, issues the following Order.

FINDINGS OF FACT

1. Centennial Resources Production, LLC ("Operator") submitted an application ("Application") to compulsory pool the uncommitted oil and gas interests within the spacing unit ("Unit") described in Exhibit A. The Unit is expected to be a standard horizontal spacing unit. 19.15.16.15(B) NMAC. Operator seeks to be designated the operator of the Unit.
2. Operator will dedicate the well(s) described in Exhibit A ("Well(s)") to the Unit.
3. Operator proposes the supervision and risk charges for the Well(s) described in Exhibit A.
4. Operator identified the owners of uncommitted interests in oil and gas minerals in the Unit and provided evidence that notice was given.
5. The Application was heard by the Hearing Examiner on the date specified above, during which Operator presented evidence through affidavits in support of the Application. No other party presented evidence at the hearing.

CONCLUSIONS OF LAW

6. OCD has jurisdiction to issue this Order pursuant to NMSA 1978, Section 70-2-17.
7. Operator is the owner of an oil and gas working interest within the Unit.
8. Operator satisfied the notice requirements for the Application and the hearing as required by 19.15.4.12 NMAC.
9. OCD satisfied the notice requirements for the hearing as required by 19.15.4.9 NMAC.

10. Operator has the right to drill the Well(s) to a common source of supply at the depth(s) and location(s) in the Unit described in Exhibit A.
11. The Unit contains separately owned uncommitted interests in oil and gas minerals.
12. Some of the owners of the uncommitted interests have not agreed to commit their interests to the Unit.
13. The pooling of uncommitted interests in the Unit will prevent waste and protect correlative rights, including the drilling of unnecessary wells.
14. This Order affords to the owner of an uncommitted interest the opportunity to produce his just and equitable share of the oil or gas in the pool.

ORDER

15. The uncommitted interests in the Unit are pooled as set forth in Exhibit A.
16. The Unit shall be dedicated to the Well(s) set forth in Exhibit A.
17. Operator is designated as operator of the Unit and the Well(s).
18. If the location of a well will be unorthodox under the spacing rules in effect at the time of completion, Operator shall obtain the OCD's approval for a non-standard location in accordance with 19.15.16.15(C) NMAC.
19. The Operator shall commence drilling the Well(s) within one year after the date of this Order, and complete each Well no later than one (1) year after the commencement of drilling the Well.
20. This Order shall terminate automatically if Operator fails to comply with Paragraph 19 unless Operator obtains an extension by amending this Order for good cause shown.
21. The infill well requirements in 19.15.13.9 NMAC through 19.15.13.12 NMAC shall be applicable.
22. Operator shall submit each owner of an uncommitted working interest in the pool ("Pooled Working Interest") an itemized schedule of estimated costs to drill, complete, and equip the well ("Estimated Well Costs").
23. No later than thirty (30) days after Operator submits the Estimated Well Costs, the owner of a Pooled Working Interest shall elect whether to pay its share of the Estimated Well Costs or its share of the actual costs to drill, complete and equip the well ("Actual Well Costs") out of production from the well. An owner of a Pooled Working Interest who elects to pay its share of the Estimated Well Costs shall render payment to Operator no later than thirty (30) days after the expiration of the

election period, and shall be liable for operating costs, but not risk charges, for the well. An owner of a Pooled Working Interest who fails to pay its share of the Estimated Well Costs or who elects to pay its share of the Actual Well Costs out of production from the well shall be considered to be a "Non-Consenting Pooled Working Interest."

24. No later than one hundred eighty (180) days after Operator submits a Form C-105 for a well, Operator shall submit to each owner of a Pooled Working Interest an itemized schedule of the Actual Well Costs. The Actual Well Costs shall be considered to be the Reasonable Well Costs unless an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Reasonable Well Costs after public notice and hearing.
25. No later than sixty (60) days after the expiration of the period to file a written objection to the Actual Well Costs or OCD's order determining the Reasonable Well Costs, whichever is later, each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs shall pay to Operator its share of the Reasonable Well Costs that exceed the Estimated Well Costs, or Operator shall pay to each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs its share of the Estimated Well Costs that exceed the Reasonable Well Costs.
26. The reasonable charges for supervision to drill and produce a well ("Supervision Charges") shall not exceed the rates specified in Exhibit A, provided however that the rates shall be adjusted annually pursuant to the COPAS form entitled "Accounting Procedure-Joint Operations."
27. No later than within ninety (90) days after Operator submits a Form C-105 for a well, Operator shall submit to each owner of a Pooled Working Interest an itemized schedule of the reasonable charges for operating and maintaining the well ("Operating Charges"), provided however that Operating Charges shall not include the Reasonable Well Costs or Supervision Charges. The Operating Charges shall be considered final unless an owner of a Pooled Working Interest files a written objection no later than forty-five (45) days after receipt of the schedule. If an owner of a Pooled Working Interest files a timely written objection, OCD shall determine the Operating Charges after public notice and hearing.
28. Operator may withhold the following costs and charges from the share of production due to each owner of a Pooled Working Interest who paid its share of the Estimated Well Costs: (a) the proportionate share of the Supervision Charges; and (b) the proportionate share of the Operating Charges.
29. Operator may withhold the following costs and charges from the share of production due to each owner of a Non-Consenting Pooled Working Interest: (a) the proportionate share of the Reasonable Well Costs; (b) the proportionate share

of the Supervision and Operating Charges; and (c) the percentage of the Reasonable Well Costs specified as the charge for risk described in Exhibit A.

30. Operator shall distribute a proportionate share of the costs and charges withheld pursuant to paragraph 29 to each Pooled Working Interest that paid its share of the Estimated Well Costs.
31. Each year on the anniversary of this Order, and no later than ninety (90) days after each payout, Operator shall provide to each owner of a Non-Consenting Pooled Working Interest a schedule of the revenue attributable to a well and the Supervision and Operating Costs charged against that revenue.
32. Any cost or charge that is paid out of production shall be withheld only from the share due to an owner of a Pooled Working Interest. No cost or charge shall be withheld from the share due to an owner of a royalty interests. For the purpose of this Order, an unleased mineral interest shall consist of a seven-eighths (7/8) working interest and a one-eighth (1/8) royalty interest.
33. Except as provided above, Operator shall hold the revenue attributable to a well that is not disbursed for any reason for the account of the person(s) entitled to the revenue as provided in the Oil and Gas Proceeds Payment Act, NMSA 1978, Sections 70-10-1 *et seq.*, and relinquish such revenue as provided in the Uniform Unclaimed Property Act, NMSA 1978, Sections 7-8A-1 *et seq.*
34. The Unit shall terminate if (a) the owners of all Pooled Working Interests reach a voluntary agreement; or (b) the well(s) drilled on the Unit are plugged and abandoned in accordance with the applicable rules. Operator shall inform OCD no later than thirty (30) days after such occurrence.
35. OCD retains jurisdiction of this matter for the entry of such orders as may be deemed necessary.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



ADRIENNE SANDOVAL
DIRECTOR
AES/jag

Date: 12/09/2020

CASE NO. 21541
ORDER NO. R-21564

Page 4 of 7


Exhibit A

| COMPULSORY POOLING APPLICATION CHECKLIST (pdf) | |
|--|---|
| ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS | |
| Case No. 21541 | APPLICANT'S RESPONSE |
| Date: December 3, 2020 | |
| Applicant | Centennial Resource Production LLC |
| Designated Operator & OGRID (affiliation if applicable) | Centennial Resource Production LLC (OGRID 372165) |
| Applicant's Counsel: | Holland & Hart LLP |
| Case Title: | APPLICATION OF CENTENNIAL RESOURCE PRODUCTION, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO |
| Entries of Appearance/Intervenors: | N/A |
| Well Family | Mozzarella & Gouda Fed Com Wells |
| Formation/Pool | |
| Formation Name(s) or Vertical Extent: | Bone Spring |
| Primary Product (Oil or Gas): | Oil |
| Pooling this vertical extent: | Bone Spring |
| Pool Name and Pool Code: | Bilbrey Basin; Bone Spring Pool (Pool Code 5695) |
| Well Location Setback Rules: | Statewide oil |
| Spacing Unit Size: | 639.34-acres |
| Spacing Unit | |
| Type (Horizontal/Vertical) | Horizontal |
| Size (Acres) | 639.34-acres |
| Building Blocks: | 40-acre |
| Orientation: | Standup |
| Description: TRS/County | E/2 W/2 and the W/2 E/2 of Section 5, Township 22 South, Range 32 East, and the E/2 W/2 and the W/2 E/2 of Section 32, Township 21 South, Range 32 East, NMPM, Lea County, New Mexico |
| Standard Horizontal Well Spacing Unit (Y/N), If No, describe | Yes |
| Other Situations | |
| Depth Severance: Y/N. If yes, description | No |
| Proximity Tracts: If yes, description | Yes |
| Proximity Defining Well: if yes, description | Mozzarella Fed Com #603H well will remain within 330 feet of the quarter-quarter line separating the E/2 W/2 from the W/2 E/2 to allow inclusion of these proximity tracts into a standard 640-acre horizontal spacing unit |
| Applicant's Ownership In Each Tract | Yes |
| Well(s) | |

CASE NO. 21541
ORDER NO. R-21564

Page 5 of 7

| Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard) | |
|--|---|
| Well #1 | <p>Mozzarella Fed Com #602H Well, API No. 30-025-46742
 SHL:954 feet from the North line and 2159 feet from the West line,
 (Unit C) of Section 8, Township 22 South, Range 32 East, NMPM.
 BHL:100 feet from the North line and 1730 feet from the West line,
 (Unit C) of Section 32, Township 21 South, Range 32 East, NMPM.</p> <p>Completion Target: Bone Spring
 Well Orientation: Standup
 Completion Location expected to be: standard</p> |
| Well #2 | <p>Mozzarella Fed Com #603H Well, API No. 30-025-46757
 SHL:954 feet from the North line and 2219 feet from the West line,
 (Unit C) of Section 8, Township 22 South, Range 32 East, NMPM.
 BHL:100 feet from the North line and 2470 feet from the West line,
 (Unit B) of Section 32, Township 21 South, Range 32 East, NMPM.</p> <p>Completion Target: Bone Spring
 Well Orientation: Standup
 Completion Location expected to be: Proximity tract well</p> |
| Well #3 | <p>Gouda Fed Com #604H Well, API No. 30-025-pending
 SHL:757 feet from the North line and 1245 feet from the West line,
 (Unit P) of Section 5, Township 22 South, Range 32 East, NMPM.
 BHL:100 feet from the North line and 1400 feet from the West line,
 (Unit B) of Section 32, Township 21 South, Range 32 East, NMPM.</p> <p>Completion Target: Bone Spring
 Well Orientation: Standup
 Completion Location expected to be: Non-standard, application for approval of NSL pending with Division.</p> |
| Horizontal Well First and Last Take Points | Exhibit C-1 |
| Completion Target (Formation, TVD and MD) | Exhibit C-4, Exhibit D-4 |
| | |
| | |
| AFE Capex and Operating Costs | |
| Drilling Supervision/Month \$ | \$8,500 (drilling) & \$850 (producing)/month |
| Production Supervision/Month \$ | Exhibit C, C-4 |
| Justification for Supervision Costs | Exhibit C, C-4 |
| Requested Risk Charge | Exhibit C, C-4 |
| Notice of Hearing | |
| Proposed Notice of Hearing | Exhibit B |
| Proof of Mailed Notice of Hearing (20 days before hearing) | Exhibit E |

| | |
|--|--|
| Proof of Published Notice of Hearing (10 days before hearing) | Exhibit F |
| Ownership Determination | |
| Land Ownership Schematic of the Spacing Unit | Exhibit C-2 |
| Tract List (including lease numbers and owners) | Exhibit C-3 |
| Pooled Parties (including ownership type) | Exhibit C-3, Exhibit E |
| Unlocatable Parties to be Pooled | N/A |
| Ownership Depth Severance (including percentage above & below) | N/A |
| Joinder | |
| Sample Copy of Proposal Letter | Exhibit C-4 |
| List of Interest Owners (ie Exhibit A of JOA) | Exhibit C-3, Exhibit E |
| Chronology of Contact with Non-Joined Working Interests | Exhibit C-5 |
| Overhead Rates in Proposal Letter | Exhibit C-4 |
| Cost Estimate to Drill and Complete | Exhibit C-5 |
| Cost Estimate to Equip Well | Exhibit C-5 |
| Cost Estimate for Production Facilities | Exhibit C-5 |
| Geology | |
| Summary (including special considerations) | Exhibit D |
| Spacing Unit Schematic | Exhibit D-1 |
| Gunbarrel/Lateral Trajectory Schematic | N/A |
| Well Orientation (with rationale) | Exhibit D-1 |
| Target Formation | Exhibit D-2, D-3, D-4 |
| HSU Cross Section | Exhibit D-4 |
| Depth Severance Discussion | N/A |
| Forms, Figures and Tables | |
| C-102 | Exhibit C-1 |
| Tracts | Exhibit C-2 |
| Summary of Interests, Unit Recapitulation (Tracts) | Exhibit C-3 |
| General Location Map (including basin) | Exhibit D-1 |
| Well Bore Location Map | Exhibit D-1 |
| Structure Contour Map - Subsea Depth | Exhibit D-2 |
| Cross Section Location Map (including wells) | Exhibit D-3, D-4 |
| Cross Section (including Landing Zone) | Exhibit D-3, D-4 |
| Additional Information | |
| Special Provisions/Stipulations | N/A |
| CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate. | |
| Printed Name (Attorney or Party Representative): | Kaitlyn A. Luck |
| Signed Name (Attorney or Party Representative): |  |
| Date: | 1-Dec-20 |

CASE NO. 21541
ORDER NO. R-21564

Page 7 of 7

District I
1625 N. French Dr., Hobbs, NM 88240
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District IV
1220 S. St. Francis Dr., Santa Fe, 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
30-025-46742 | ² Pool Code
5695 | ³ Pool Name
Bilbry Basin; Bone Spring |
| ⁴ Property Code
326979 | ⁵ Property Name
MOZZARELLA FED COM | ⁶ Well Number
602H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
CENTENNIAL RESOURCE PRODUCTION, LLC | ⁹ Elevation
3704.0' |

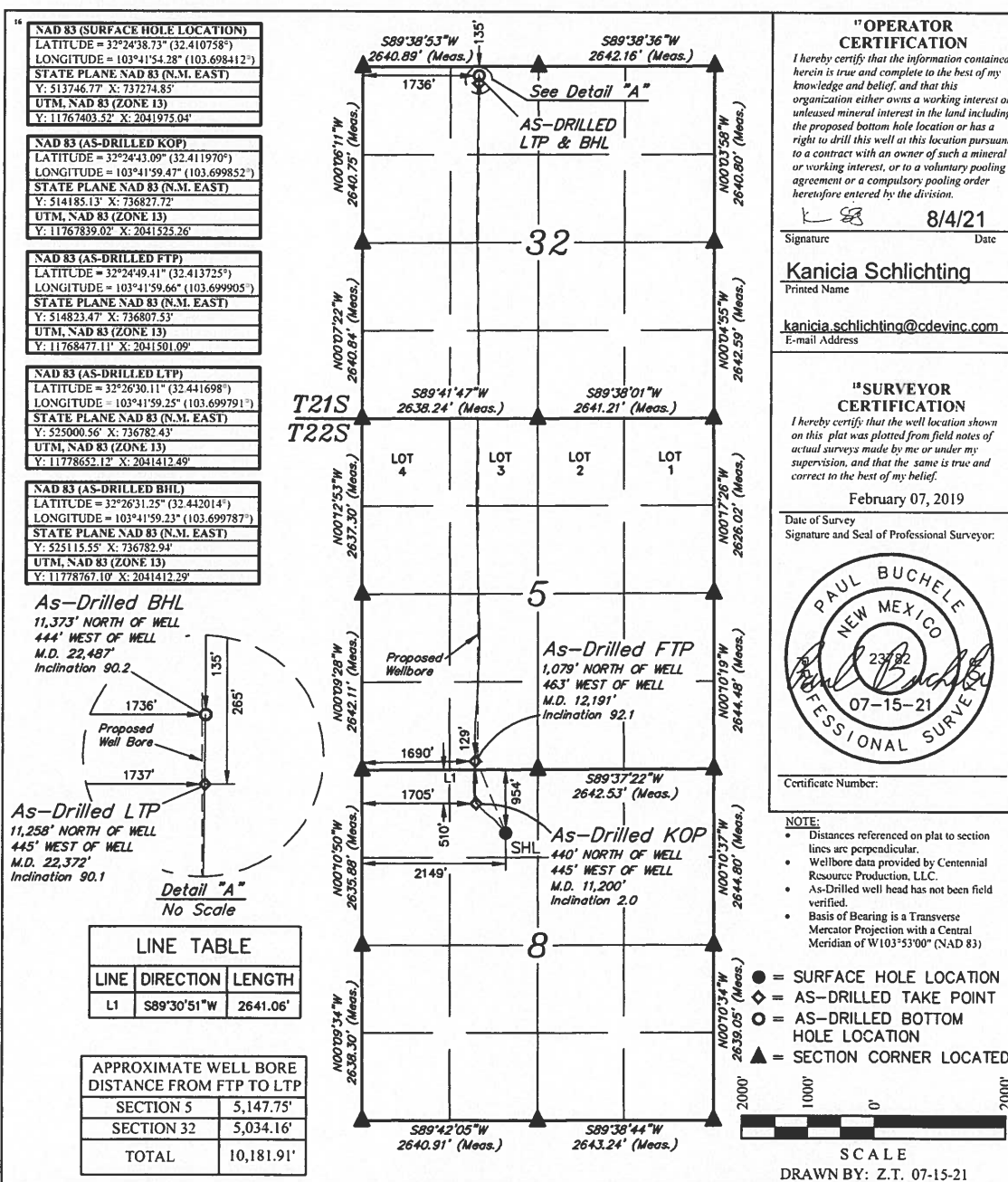
"Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 8 | 22S | 32E | | 954 | NORTH | 2149 | WEST | LEA |

"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 | 32 | 21S | 32E | | 135 | NORTH | 1736 | WEST | LEA |
| ¹² Dedicated Acres
639.34 | 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.



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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|---|
| ¹ API Number
30-025-46757 | ² Pool Code
5695 | ³ Pool Name
Bilbry Basin: Bone Spring |
| ⁴ Property Code
326979 | ⁵ Property Name
MOZZARELLA FED COM | ⁶ Well Number
603H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
CENTENNIAL RESOURCE PRODUCTION, LLC | ⁹ Elevation
3703.2' |

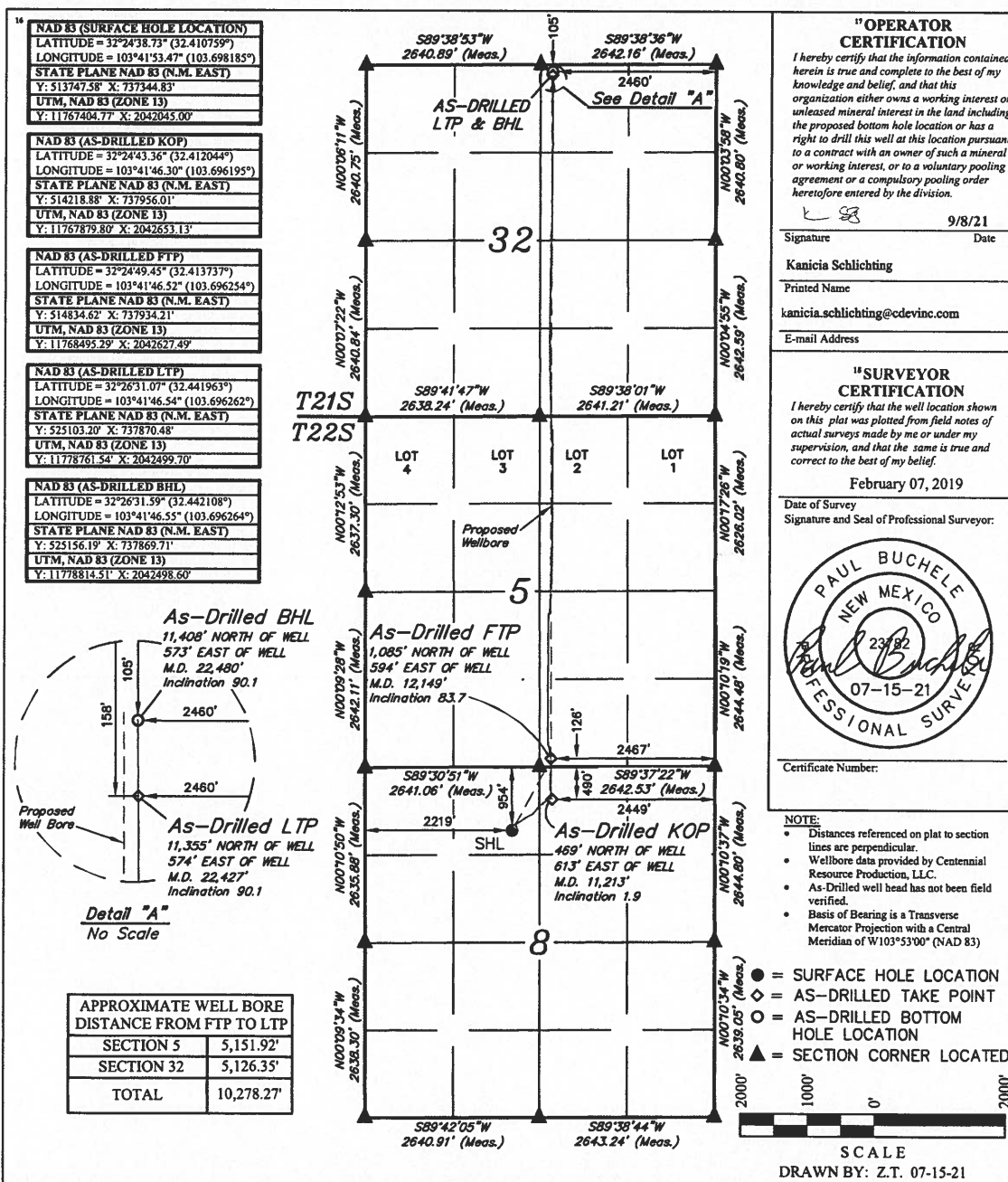
"Surface Location

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 8 | 22S | 32E | | 954 | NORTH | 2219 | WEST | LEA |

"Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| B | 32 | 21S | 32E | | 105 | NORTH | 2460 | EAST | LEA |
| ¹¹ Dedicated Acres
639.34 | ¹² Joint or Infill | ¹³ Consolidation Code | ¹⁴ Order No. | | | | | | |

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Revised August 1, 2011
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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|--|---|
| ¹ API Number
30-025-48616 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin; Bone Spring |
| ⁴ Property Code
330440 | ⁵ Property Name
MOZZARELLA FED COM | ⁶ Well Number
604H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
CENTENNIAL RESOURCE PRODUCTION, LLC | ⁹ Elevation
3694.8' |

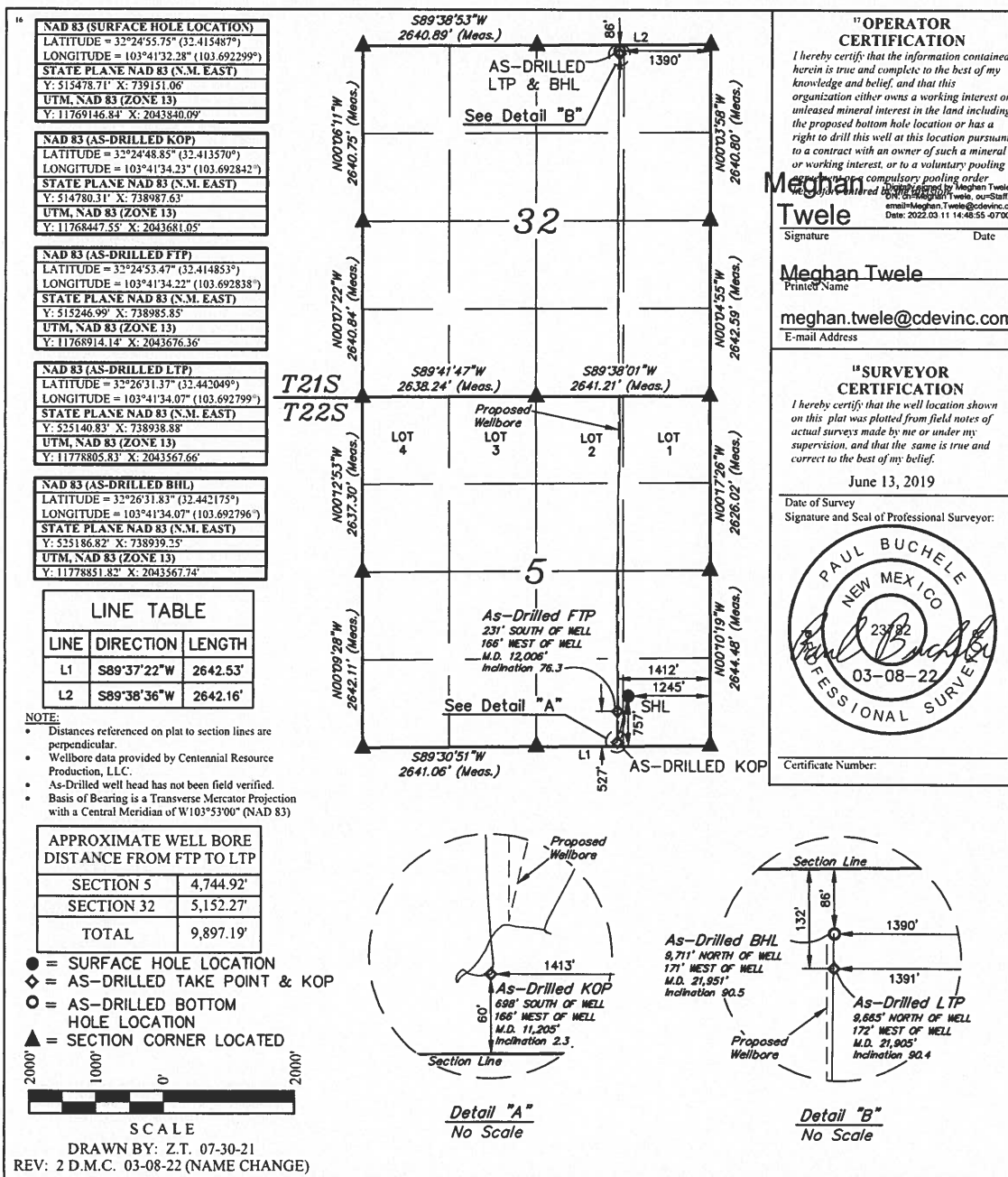
"Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 5 | 22S | 32E | | 757 | SOUTH | 1245 | EAST | LEA |

"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 |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| B | 32 | 21S | 32E | | 86 | NORTH | 1390 | EAST | LEA |
| ¹² Dedicated Acres | 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.



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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|--|---|
| ¹ API Number
30-025-48617 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin; Bone Spring |
| ⁴ Property Code
330440 | ⁵ Property Name
GOUDA 5 FEDERAL COM | ⁶ Well Number
605H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
CENTENNIAL RESOURCE PRODUCTION, LLC | ⁹ Elevation
3695.9' |

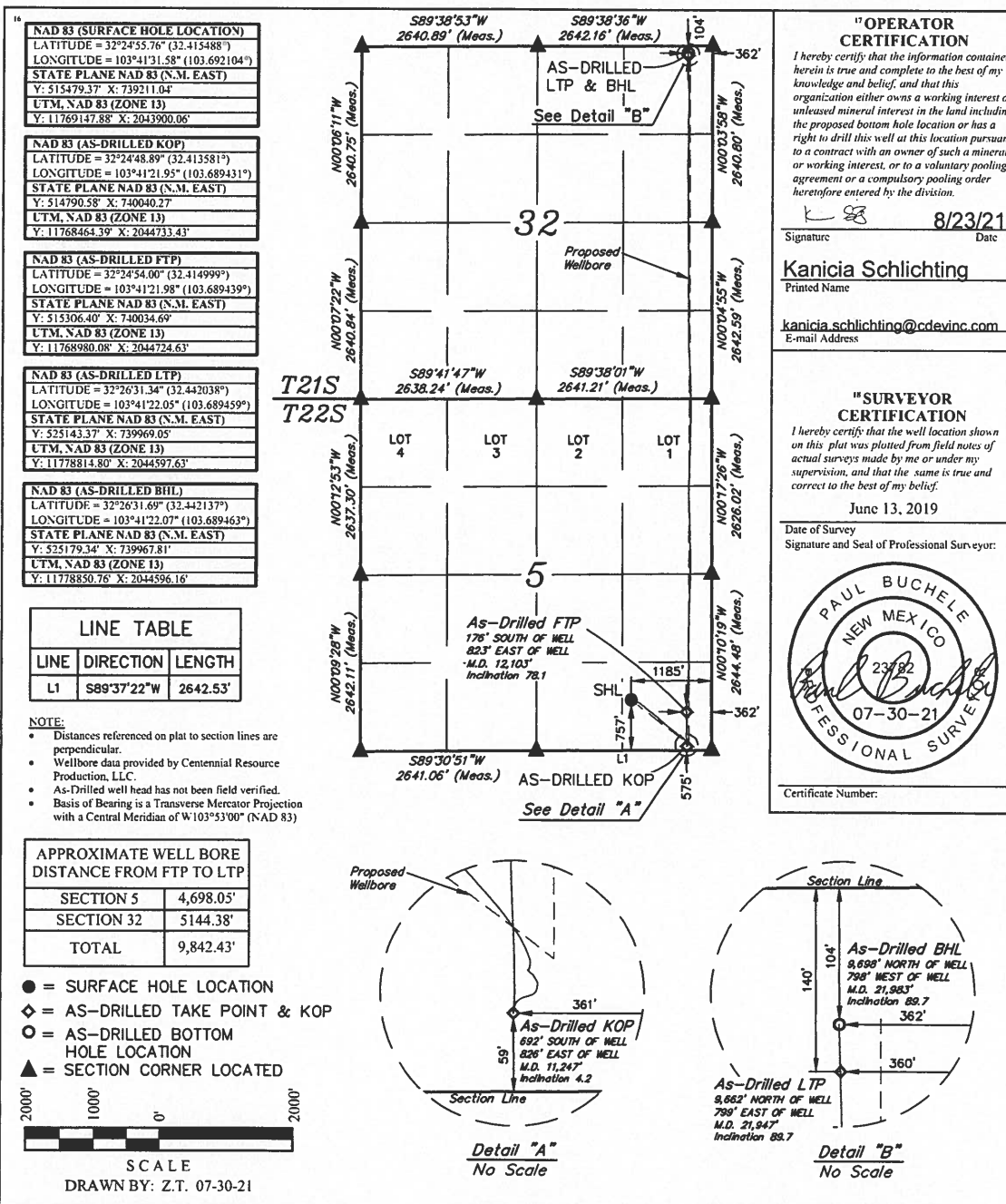
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 5 | 22S | 32E | | 757 | SOUTH | 1185 | 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 |
|--|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
| A | 32 | 21S | 32E | | 104 | NORTH | 362 | EAST | LEA |
| ¹² Dedicated Acres
319.66 | 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.



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State of New Mexico
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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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☐ AMENDED REPORT

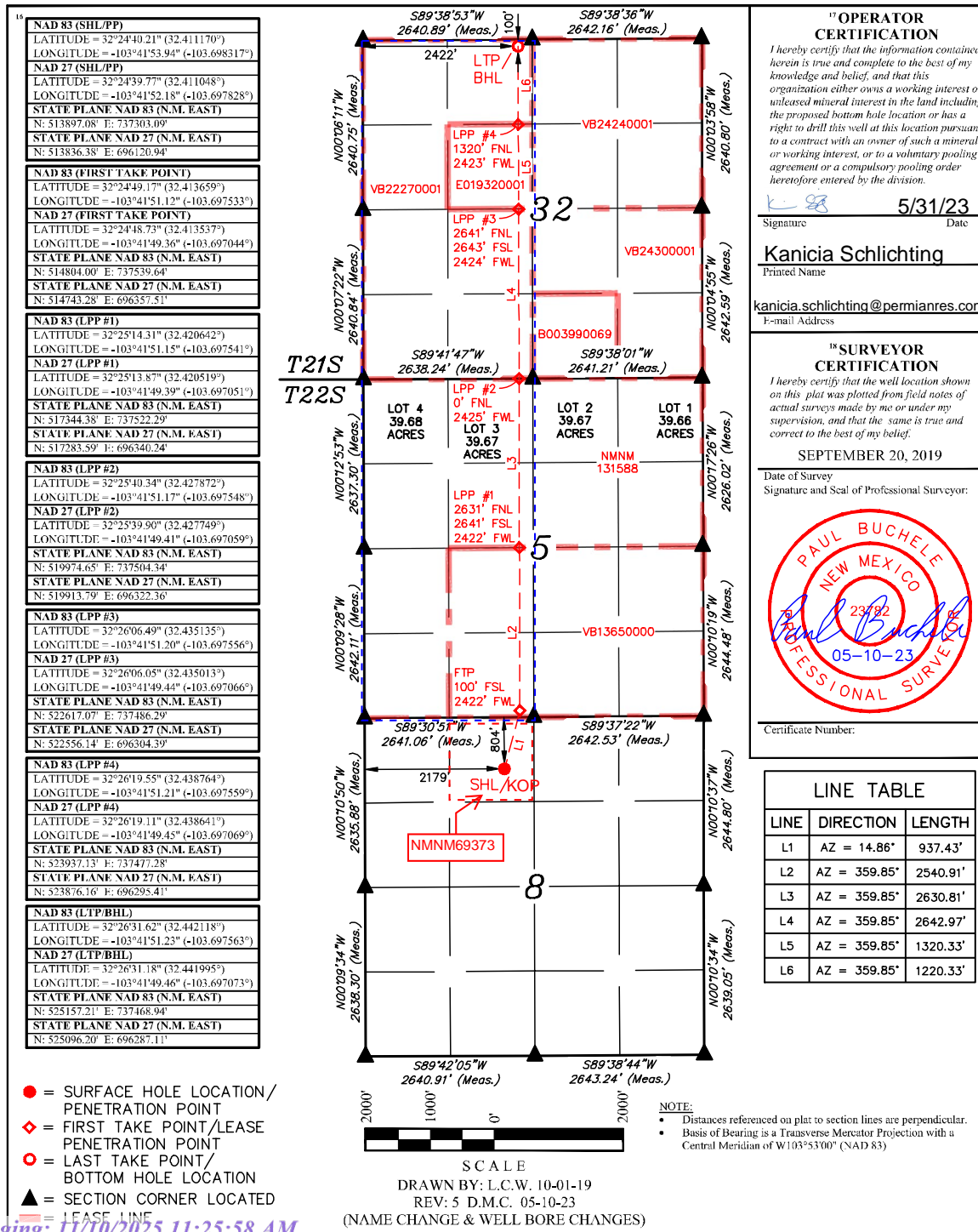
WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|---|---|
| ¹ API Number
30-025-50215 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin; Bone Spring |
| ⁴ Property Code | ⁵ Property Name
MOZZARELLA FED COM | ⁶ Well Number
504H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
PERMIAN RESOURCES OPERATING, LLC | ⁹ Elevation
3699.4' |

| 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 |
| C | 8 | 22S | 32E | | 804 | NORTH | 2179 | 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 | 32 | 21S | 32E | | 100 | NORTH | 2422 | WEST | LEA |
| ¹² Dedicated Acres
639.34 | 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.



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District II
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Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, 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

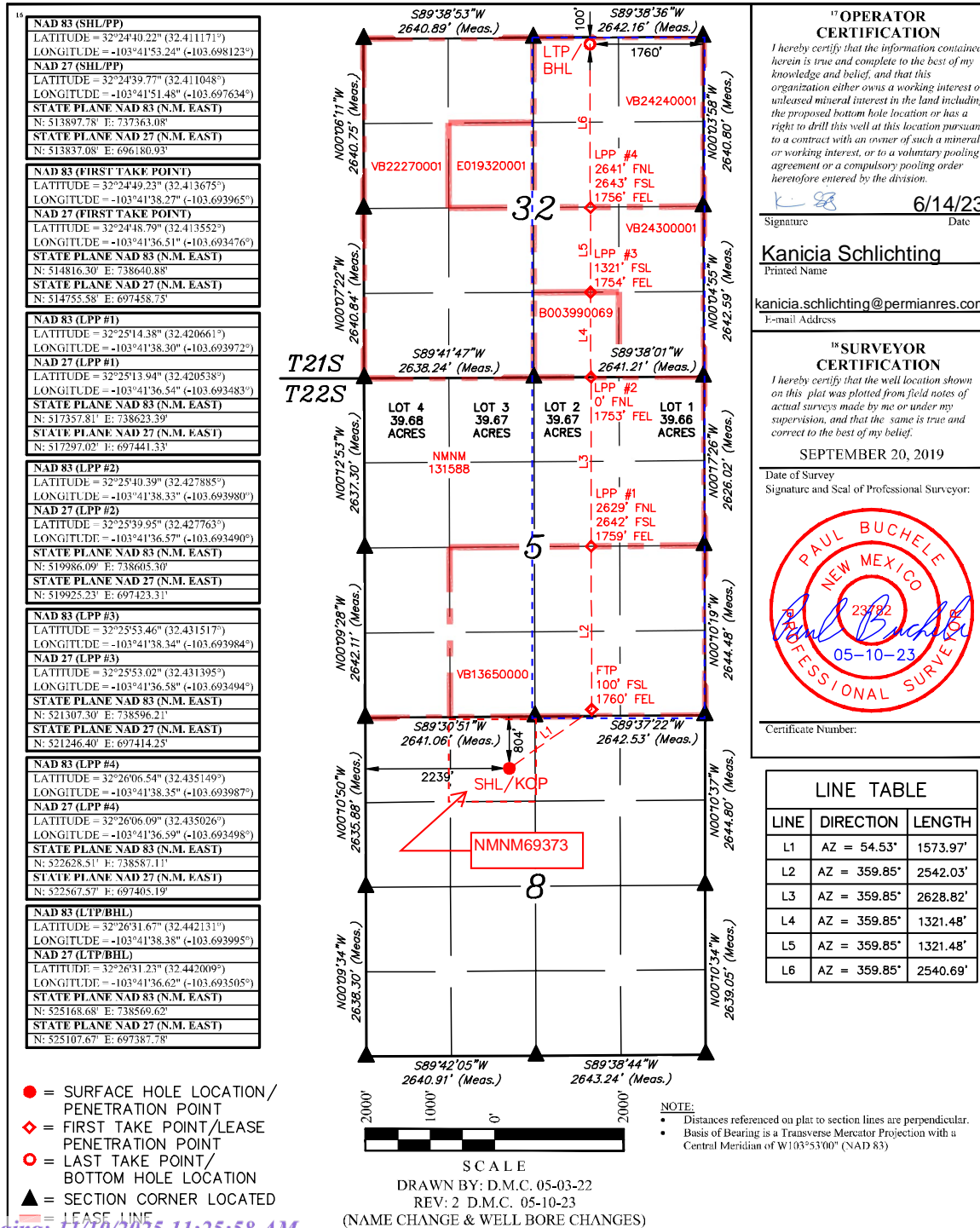
WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|---|---|
| ¹ API Number
30-025-51576 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin; Bone Spring |
| ⁴ Property Code | ⁵ Property Name
MOZZARELLA FED COM | ⁶ Well Number
505H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
PERMIAN RESOURCES OPERATING, LLC | ⁹ Elevation
3698.7' |

| ¹⁰ Surface Location | | | | | | | | | |
|--------------------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.
C | Section
8 | Township
22S | Range
32E | Lot Idn | Feet from the
804 | North/South line
NORTH | Feet from the
2239 | East/West line
WEST | County
LEA |

| ¹¹ Bottom Hole Location If Different From Surface | | | | | | | | | |
|--|-------------------------------|----------------------------------|-------------------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.
B | Section
32 | Township
21S | Range
32E | Lot Idn | Feet from the
100 | North/South line
NORTH | Feet from the
1760 | East/West line
EAST | County
LEA |
| ¹² Dedicated Acres
639.34 | 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.



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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|---|---|
| ¹ API Number
30-025-50228 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin, Bone Spring |
| ⁴ Property Code | ⁵ Property Name
MOZZARELLA FED COM | ⁶ Well Number
302H |
| ⁷ GRID No.
372165 | ⁸ Operator Name
PERMIAN RESOURCES OPERATING, LLC | ⁹ Elevation
3699.7' |

¹⁰ Surface Location

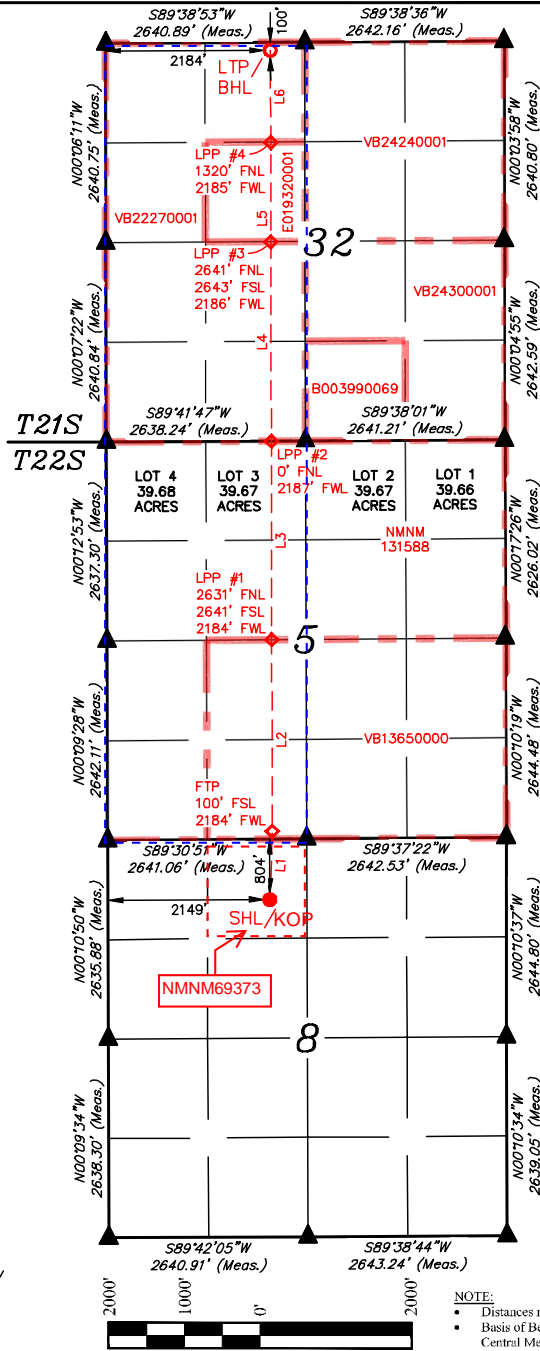
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C | 8 | 22S | 32E | | 804 | NORTH | 2149 | 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 | 32 | 21S | 32E | | 100 | NORTH | 2184 | WEST | LEA |
| ¹² Dedicated Acres
639.34 | 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.

| |
|---|
| NAD 83 (SHL/PP)
LATITUDE = 32°24'40.21" (32.411170°)
LONGITUDE = -103°41'54.29" (-103.698415°) |
| NAD 27 (SHL/PP)
LATITUDE = 32°24'39.77" (32.411047°)
LONGITUDE = -103°41'52.53" (-103.697926°) |
| STATE PLANE NAD 83 (N.M. EAST)
N: 513896.73' E: 737273.10' |
| STATE PLANE NAD 27 (N.M. EAST)
N: 513836.03' E: 696090.95' |
| NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°24'49.16" (32.413655°)
LONGITUDE = -103°41'53.90" (-103.698304°) |
| NAD 27 (FIRST TAKE POINT)
LATITUDE = 32°24'48.72" (32.413532°)
LONGITUDE = -103°41'52.14" (-103.697816°) |
| STATE PLANE NAD 83 (N.M. EAST)
N: 514800.98' E: 737301.70' |
| STATE PLANE NAD 27 (N.M. EAST)
N: 514740.26' E: 696119.57' |
| NAD 83 (LPP #1)
LATITUDE = 32°25'14.30" (32.420638°)
LONGITUDE = -103°41'53.92" (-103.698312°) |
| NAD 27 (LPP #1)
LATITUDE = 32°25'13.86" (32.420515°)
LONGITUDE = -103°41'52.16" (-103.697823°) |
| STATE PLANE NAD 83 (N.M. EAST)
N: 517341.48' E: 737284.33' |
| STATE PLANE NAD 27 (N.M. EAST)
N: 517280.69' E: 696102.30' |
| NAD 83 (LPP #2)
LATITUDE = 32°25'40.33" (32.427870°)
LONGITUDE = -103°41'53.95" (-103.698319°) |
| NAD 27 (LPP #2)
LATITUDE = 32°25'39.89" (32.427747°)
LONGITUDE = -103°41'52.19" (-103.697830°) |
| STATE PLANE NAD 83 (N.M. EAST)
N: 519972.39' E: 737266.39' |
| STATE PLANE NAD 27 (N.M. EAST)
N: 519911.52' E: 696084.41' |
| NAD 83 (LPP #3)
LATITUDE = 32°26'06.48" (32.435133°)
LONGITUDE = -103°41'53.98" (-103.698327°) |
| NAD 27 (LPP #3)
LATITUDE = 32°26'06.04" (32.435010°)
LONGITUDE = -103°41'52.21" (-103.697837°) |
| STATE PLANE NAD 83 (N.M. EAST)
N: 522614.60' E: 737248.35' |
| STATE PLANE NAD 27 (N.M. EAST)
N: 522553.67' E: 696066.44' |
| NAD 83 (LPP #4)
LATITUDE = 32°26'19.54" (32.438761°)
LONGITUDE = -103°41'53.99" (-103.698331°) |
| NAD 27 (LPP #4)
LATITUDE = 32°26'19.10" (32.438639°)
LONGITUDE = -103°41'52.23" (-103.697841°) |
| STATE PLANE NAD 83 (N.M. EAST)
N: 523934.66' E: 737239.33' |
| STATE PLANE NAD 27 (N.M. EAST)
N: 523873.69' E: 696057.46' |
| NAD 83 (LTP/BHL)
LATITUDE = 32°26'31.61" (32.442115°)
LONGITUDE = -103°41'54.00" (-103.698334°) |
| NAD 27 (LTP/BHL)
LATITUDE = 32°26'31.17" (32.441992°)
LONGITUDE = -103°41'52.24" (-103.697844°) |
| STATE PLANE NAD 83 (N.M. EAST)
N: 525154.74' E: 737231.00' |
| STATE PLANE NAD 27 (N.M. EAST)
N: 525093.74' E: 696049.17' |



- = SURFACE HOLE LOCATION/
PENETRATION POINT
- ◆ = FIRST TAKE POINT/LEASE
PENETRATION POINT
- = LAST TAKE POINT/
BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- = LEASE LINE

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

SCALE

DRAWN BY: L.C.W. 10-01-19

REV: 4 D.M.C. 05-10-23

(NAME CHANGE & WELL BORE CHANGES)

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: *Kanicia Schlichting* Date: **5/31/23**

Kanicia Schlichting

Printed Name

kanicia.schlichting@permianres.com
E-mail Address

¹⁸ SURVEYOR
CERTIFICATION

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

SEPTEMBER 20, 2019

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

LINE TABLE

| LINE | DIRECTION | LENGTH |
|------|--------------|----------|
| L1 | AZ = 2.05° | 904.87' |
| L2 | AZ = 359.85° | 2541.02' |
| L3 | AZ = 359.85° | 2631.44' |
| L4 | AZ = 359.85° | 2642.76' |
| L5 | AZ = 359.85° | 1320.33' |
| L6 | AZ = 359.85° | 1220.33' |

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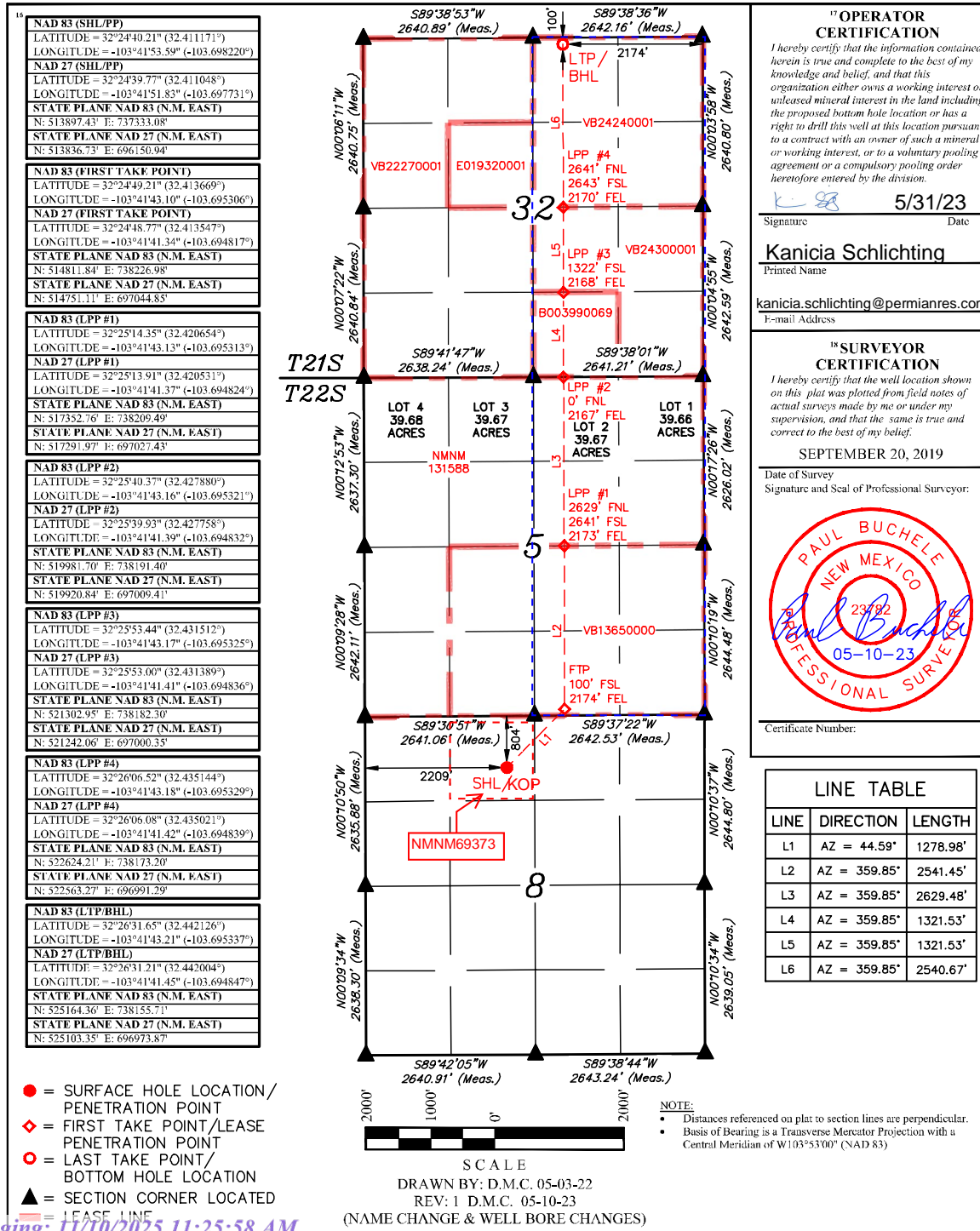
WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|---|---|
| ¹ API Number
30-025-46741 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin; Bone Spring |
| ⁴ Property Code | ⁵ Property Name
MOZZARELLA FED COM | ⁶ Well Number
402H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
PERMIAN RESOURCES OPERATING, LLC | ⁹ Elevation
3699.0' |

| 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 |
| C | 8 | 22S | 32E | | 804 | NORTH | 2209 | 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 |
| B | 32 | 21S | 32E | | 100 | NORTH | 2174 | EAST | LEA |
| ¹² Dedicated Acres
639.34 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. | | | | | | |

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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|---|---|
| ¹ API Number
30-025-51575 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin; Bone Spring |
| ⁴ Property Code | ⁵ Property Name
GOUDA FED COM | ⁶ Well Number
304H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
PERMIAN RESOURCES OPERATING, LLC | ⁹ Elevation
3697.0' |

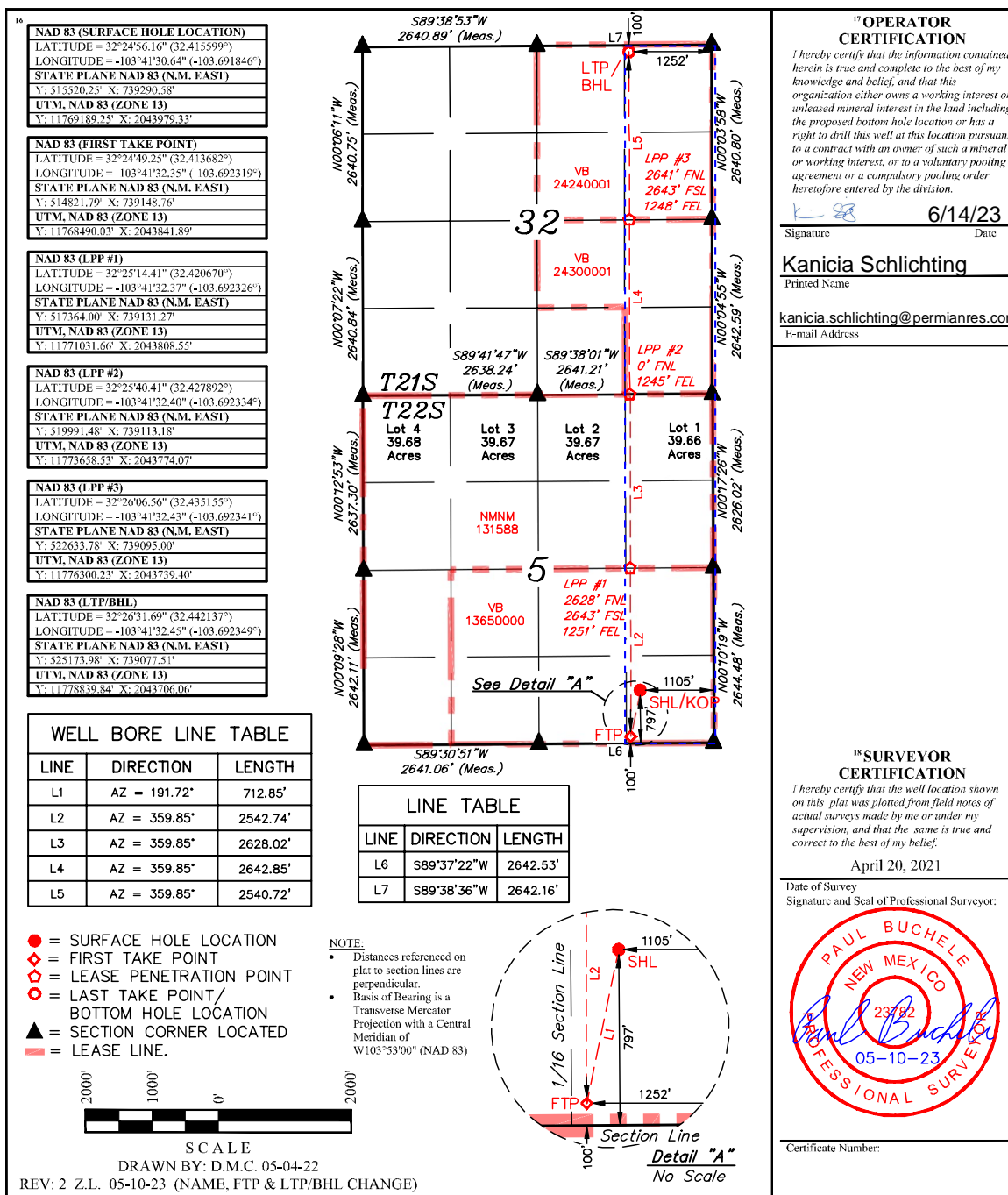
¹⁰ Surface Location

| | | | | | | | | | |
|---------------------------|---------------------|------------------------|---------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|----------------------|
| UL or lot no.
P | Section
5 | Township
22S | Range
32E | Lot Idn | Feet from the
797 | North/South line
SOUTH | Feet from the
1105 | East/West line
EAST | County
LEA |
|---------------------------|---------------------|------------------------|---------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|----------------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--|-------------------------------|----------------------------------|-------------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|----------------------|
| UL or lot no.
A | Section
32 | Township
21S | Range
32E | Lot Idn | Feet from the
100 | North/South line
NORTH | Feet from the
1252 | East/West line
EAST | County
LEA |
| ¹² Dedicated Acres
319.66 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. | | | | | | |

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WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|---|---|
| ¹ API Number
30-025-50329 | ² Pool Code
5695 | ³ Pool Name
Bilbrey Basin; Bone Spring |
| ⁴ Property Code | ⁵ Property Name
GOUDA FED COM | ⁶ Well Number
404H |
| ⁷ OGRID No.
372165 | ⁸ Operator Name
PERMIAN RESOURCES OPERATING, LLC | ⁹ Elevation
3698.5' |

¹⁰ Surface Location

| | | | | | | | | | |
|---------------------------|---------------------|------------------------|---------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|----------------------|
| UL or lot no.
P | Section
5 | Township
22S | Range
32E | Lot Idn | Feet from the
797 | North/South line
SOUTH | Feet from the
1045 | East/West line
EAST | County
LEA |
|---------------------------|---------------------|------------------------|---------------------|---------|-----------------------------|----------------------------------|------------------------------|-------------------------------|----------------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--|-------------------------------|----------------------------------|-------------------------|---------|-----------------------------|----------------------------------|-----------------------------|-------------------------------|----------------------|
| UL or lot no.
A | Section
32 | Township
21S | Range
32E | Lot Idn | Feet from the
100 | North/South line
NORTH | Feet from the
330 | East/West line
EAST | County
LEA |
| ¹² Dedicated Acres
639.34 | 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.

| <p>NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°24'56.16" (32.415600°)
LONGITUDE = -103°41'29.94" (-103.691651°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 515520.92' X: 739350.57'
UTM, NAD 83 (ZONE 13)
Y: 11769190.29' X: 2044039.30'</p> <p>NAD 83 (FIRST TAKE POINT)
LATITUDE = 32°24'49.30" (32.413694°)
LONGITUDE = -103°41'21.59" (-103.689332°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 514831.74' X: 740070.55'
UTM, NAD 83 (ZONE 13)
Y: 11768505.73' X: 2044763.45'</p> <p>NAD 83 (LPP #1)
LATITUDE = 32°25'14.47" (32.420685°)
LONGITUDE = -103°41'21.63" (-103.689342°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 517375.23' X: 740052.21'
UTM, NAD 83 (ZONE 13)
Y: 11771048.63' X: 2044729.24'</p> <p>NAD 83 (LPP #2)
LATITUDE = 32°25'40.45" (32.427903°)
LONGITUDE = -103°41'21.73" (-103.689369°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 520001.18' X: 740027.84'
UTM, NAD 83 (ZONE 13)
Y: 11773673.94' X: 2044688.49'</p> <p>NAD 83 (LPP #3)
LATITUDE = 32°26'06.60" (32.435166°)
LONGITUDE = -103°41'21.72" (-103.689366°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 522643.32' X: 740012.93'
UTM, NAD 83 (ZONE 13)
Y: 11776313.49' X: 2044657.10'</p> <p>NAD 83 (LTP/BHL)
LATITUDE = 32°26'31.73" (32.442149°)
LONGITUDE = -103°41'21.70" (-103.689360°)
STATE PLANE NAD 83 (N.M. EAST)
Y: 525183.61' X: 739999.30'
UTM, NAD 83 (ZONE 13)
Y: 11778855.22' X: 2044627.62'</p> | <p>WELL BORE LINE TABLE</p> <table border="1"><thead><tr><th>LINE</th><th>DIRECTION</th><th>LENGTH</th></tr></thead><tbody><tr><td>L1</td><td>AZ = 133.99°</td><td>996.84'</td></tr><tr><td>L2</td><td>AZ = 359.83°</td><td>2544.02'</td></tr><tr><td>L3</td><td>AZ = 359.71°</td><td>2626.54'</td></tr><tr><td>L4</td><td>AZ = 359.92°</td><td>2642.66'</td></tr><tr><td>L5</td><td>AZ = 359.93°</td><td>2540.78'</td></tr></tbody></table> <p>LINE TABLE</p> <table border="1"><thead><tr><th>LINE</th><th>DIRECTION</th><th>LENGTH</th></tr></thead><tbody><tr><td>L6</td><td>S89°37'22"W</td><td>2642.53'</td></tr><tr><td>L7</td><td>S89°38'36"W</td><td>2642.16'</td></tr></tbody></table> <p>NOTE:
• Distances referenced on plat to section lines are perpendicular.
• Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)</p> | LINE | DIRECTION | LENGTH | L1 | AZ = 133.99° | 996.84' | L2 | AZ = 359.83° | 2544.02' | L3 | AZ = 359.71° | 2626.54' | L4 | AZ = 359.92° | 2642.66' | L5 | AZ = 359.93° | 2540.78' | LINE | DIRECTION | LENGTH | L6 | S89°37'22"W | 2642.53' | L7 | S89°38'36"W | 2642.16' | <p>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature: <i>K. Schlichting</i> Date: 5/31/23</p> <p>Kanicia Schlichting
Printed Name</p> <p>kanicia.schlichting@permianres.com
E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>April 20, 2021</p> <p>Date of Survey
Signature and Seal of Professional Surveyor:
</p> <p>Certificate Number:</p> |
|---|--|----------|-----------|--------|----|--------------|---------|----|--------------|----------|----|--------------|----------|----|--------------|----------|----|--------------|----------|------|-----------|--------|----|-------------|----------|----|-------------|----------|---|
| LINE | DIRECTION | LENGTH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L1 | AZ = 133.99° | 996.84' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L2 | AZ = 359.83° | 2544.02' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L3 | AZ = 359.71° | 2626.54' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L4 | AZ = 359.92° | 2642.66' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L5 | AZ = 359.93° | 2540.78' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LINE | DIRECTION | LENGTH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L6 | S89°37'22"W | 2642.53' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L7 | S89°38'36"W | 2642.16' | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Production Summary Report

API: 30-025-46742

MOZZARELLA FEDERAL COM #602H

Printed On: Wednesday, June 14 2023

| | | Production | | | | |
|------|----------------------------------|------------|-----------|----------|-------------|----------|
| Year | Pool | Month | Oil(BBLs) | Gas(MCF) | Water(BBLs) | Days P/I |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Jul | 10371 | 21310 | 113877 | 8 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Aug | 16939 | 33584 | 100497 | 14 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Sep | 31661 | 60586 | 125384 | 30 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Oct | 21093 | 42980 | 79241 | 31 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Nov | 16852 | 33773 | 56418 | 30 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Dec | 12515 | 24412 | 54885 | 27 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Jan | 13005 | 28868 | 64886 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Feb | 10826 | 25988 | 50014 | 28 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Mar | 11761 | 25281 | 41681 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Apr | 10620 | 22261 | 37377 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | May | 10340 | 21776 | 36363 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Jun | 9459 | 20301 | 30296 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Jul | 6605 | 14951 | 25265 | 24 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Aug | 2437 | 9006 | 69905 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Sep | 7481 | 15377 | 38303 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Oct | 8086 | 13921 | 35528 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Nov | 7443 | 17390 | 34364 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Dec | 7520 | 13055 | 28646 | 30 |
| 2023 | [5695] BILBREY BASIN;BONE SPRING | Jan | 7498 | 16013 | 26728 | 31 |
| 2023 | [5695] BILBREY BASIN;BONE SPRING | Feb | 5477 | 10098 | 24662 | 28 |
| 2023 | [5695] BILBREY BASIN;BONE SPRING | Mar | 6427 | 13985 | 29422 | 30 |

Production Summary Report

API: 30-025-48617

GOUDA FEDERAL COM #605H

Printed On: Wednesday, June 14 2023

| | | Production | | | | |
|------|----------------------------------|------------|-----------|----------|-------------|----------|
| Year | Pool | Month | Oil(BBLs) | Gas(MCF) | Water(BBLs) | Days P/I |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Jul | 196 | 755 | 28666 | 3 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Aug | 56829 | 121036 | 253250 | 31 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Sep | 40055 | 81932 | 115076 | 30 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Oct | 31573 | 69797 | 78350 | 31 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Nov | 15452 | 40387 | 47000 | 24 |
| 2021 | [5695] BILBREY BASIN;BONE SPRING | Dec | 19096 | 40103 | 61681 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Jan | 17833 | 38919 | 65848 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Feb | 14590 | 34567 | 55477 | 28 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Mar | 16472 | 36810 | 44078 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Apr | 15190 | 35090 | 39916 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | May | 14913 | 36237 | 39517 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Jun | 13475 | 32647 | 46177 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Jul | 12851 | 31503 | 36205 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Aug | 12688 | 29052 | 45711 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Sep | 10635 | 26873 | 31476 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Oct | 11119 | 25786 | 29985 | 31 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Nov | 11148 | 22466 | 28864 | 30 |
| 2022 | [5695] BILBREY BASIN;BONE SPRING | Dec | 8577 | 20293 | 24597 | 30 |
| 2023 | [5695] BILBREY BASIN;BONE SPRING | Jan | 8980 | 23196 | 26764 | 31 |
| 2023 | [5695] BILBREY BASIN;BONE SPRING | Feb | 7675 | 17627 | 21342 | 28 |
| 2023 | [5695] BILBREY BASIN;BONE SPRING | Mar | 8234 | 19306 | 23601 | 30 |

Mozzarella 8 CTB 1 Notice List

| To Company Name | To Name | To Address Line 1 | To Address Line2 | To City | To State | To ZIP | PIC |
|---|---|------------------------------|------------------|---------------|----------|--------|------------------------|
| | 6684 Energy Holdings, LLC | 104 Decker Court | Suite 300 | Irving | TX | 75062 | 9414811898765412317832 |
| the Allene Novy-Portnoy Exempt Lifetime Trust | Allene B. Novy-Portnoy Trustee of | 3606 Highland View Drive | | Austin | TX | 78731 | 9414811898765412317870 |
| the Allene Novy-Portnoy Exempt Lifetime Trust | Allene B. Novy-Portnoy Trustee | 3500 Greystone Dr. | #143 | Austin | TX | 78731 | 9414811898765412317719 |
| | Amarco Energy, LLC | 3051 Wolfcreek Ranch Road | | Burnet | TX | 78611 | 9414811898765412317764 |
| | Berkshire Trust Dated 2015 c/o Leo Abbe | 129 Brite Ave | | Scarsdale | NY | 10583 | 9414811898765412317726 |
| c/o Ahron Gold | Beth Hamedresh Rachmay Hauab Corp | 100 Hewes St | | Brooklyn | NY | 11249 | 9414811898765412317702 |
| the Brian M. Novy Exempt Lifetime Trust | Brian M. Novy Trustee of | 3913 Edgerock Drive | | Austin | TX | 78731 | 9414811898765412317795 |
| | CEP Minerals, LLC | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317740 |
| | Chevron U.S.A., Inc. | 1400 Smith St. | Ste. 45147 | Houston | TX | 77002 | 9414811898765412317788 |
| | Collins & Jones Investments, LLC | 508 W. Wall St. | Ste. 1200 | Midland | TX | 79701 | 9414811898765412317733 |
| | Collins & Jones Investments, LLC | 508 W. Wall St. | Ste. 1250 | Midland | TX | 79701 | 9414811898765412317917 |
| | ConocoPhillips Company | 600 W. Illinois Ave. | | Midland | TX | 79701 | 9414811898765412317955 |
| | ConocoPhillips Company | 16930 Park Row Dr. | | Houston | TX | 77084 | 9414811898765412317962 |
| | Crown Oil Partners, LP | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317924 |
| | Darren Printz | 190 East Stacy Road | #306 | Allen | TX | 75002 | 9414811898765412317900 |
| | Darren Printz | 19627 Davis Ford Rd. | | Springdale | AR | 72764 | 9414811898765412317993 |
| | David W. Cromwell | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317986 |
| | Deane Durham | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317931 |
| | Devon Energy Production Company, L.P. | 333 West Sheridan Avenue | | Oklahoma City | OK | 73102 | 9414811898765412317979 |
| | Fasken Acquisitions 02, Ltd. | 6101 Holiday Hill Rd. | | Midland | TX | 79707 | 9414811898765412317610 |
| | Finwing Corporation Retirement Trust | P.O. Box 10886 | | Midland | TX | 79702 | 9414811898765412317658 |
| | Gerald G. Vavrek | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317665 |
| | GMT New Mexico Royalty, LLC | 1560 Broadway | Suite 2000 | Denver | CO | 80202 | 9414811898765412317627 |
| | GMT New Mexico Royalty, LLC | 4949 S. Niagara St | Ste. 250 | Denver | CO | 80237 | 9414811898765412317603 |
| | Good News Minerals, LLC | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317696 |
| | H. Jason Wacker | 5601 Hillcrest | | Midland | TX | 79707 | 9414811898765412317641 |
| | H. Jason Wacker | 5518 San Saba Ave | | Midland | TX | 79707 | 9414811898765412317689 |
| Jeffrey L. Novy Exempt Lifetime Trust | Jeffrey L. Novy Trustee of the | 4226 St. Ives | | Sugar Land | TX | 77479 | 9414811898765412317672 |
| | Jesse A. Faught, Jr. | PO Box 52603 | | Midland | TX | 79710 | 9414811898765412317115 |
| | Jesse A. Faught, Jr. | 4307 Crestgate Ave. | | Midland | TX | 79707 | 9414811898765412317153 |
| | Kaleb Smith | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317160 |
| Sitio Royalties Operating Partnership, LP | KMF Land, LLC | 1401 Lawrence St. | Ste. 1750 | Denver | CO | 80202 | 9414811898765412317108 |
| | Laurey Simons Karotkin | 605 Cumberland Drive | | Hurst | TX | 76054 | 9414811898765412317146 |
| | LMC Energy, LLC | 550 W. Texas Ave. | Ste. 945 | Midland | TX | 79710 | 9414811898765412317184 |
| | LMC Energy, LLC | 262 Carroll St. | | Fort Worth | TX | 76107 | 9414811898765412317177 |
| | Loro Corporation Retirement Trust 401K | 101 Brookline Drive | | Ashville | NC | 28803 | 9414811898765412317313 |
| | Marathon Oil Permian LLC | 990 Town & Country Blvd | | Houston | TX | 77024 | 9414811898765412317351 |
| | Marcia Simmons | 3228 Maroneal Street | | Houston | TX | 77025 | 9414811898765412317368 |
| | Marcia Simmons Hovious | 2021 Traemoor Village Dr. | | Nashville | TN | 37209 | 9414811898765412317320 |
| | Mavros Minerals II, LLC | 4000 N. Big Spring | Suite 310 | Midland | TX | 79705 | 9414811898765412317306 |
| | Mavros Minerals II, LLC | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317344 |
| | MCT Energy, Ltd. | 550 W. Texas Ave. | Ste. 945 | Midland | TX | 79710 | 9414811898765412317382 |
| | MCT Energy, Ltd. | 262 Carroll St. | | Fort Worth | TX | 76107 | 9414811898765412317375 |
| Co-Trustees of the Hayes Revocable Trust | Michael D. Hayes and Kathryn A. Hayes | 3608 Meadowridge Lane | | Midland | TX | 79707 | 9414811898765412317054 |
| | Michael J. Petraitis | P.O. Box 10886 | | Midland | TX | 79702 | 9414811898765412317023 |
| | Michael J. Petraitis | 1603 Holloway Ave | | Midland | TX | 79701 | 9414811898765412317009 |
| | Mike Moylett | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317092 |
| | Oak Valley Mineral and Land, LP | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412317047 |
| | Paladin Energy Corp | 10290 Monroe Dr. | Suite 301 | Dallas | TX | 75229 | 9414811898765412317085 |
| | Paladin Energy Corp | 4722 S. Lindhurst Ave | | Dallas | TX | 75229 | 9414811898765412317030 |
| | Paladin Energy Corp | 17409 Woods Edge Dr. | | Dallas | TX | 75287 | 9414811898765412317078 |
| | Paul S. Simmons | 10 Bon Aire Drive | | Olivette | MO | 63132 | 9414811898765412317412 |
| | Paul S. Simmons | 8300 Delmar Blvd | Apt. 401 | St. Louis | MO | 63124 | 9414811898765412317450 |
| | PBEX | 223 West Wall Street | Ste. 900 | Midland | TX | 79701 | 9414811898765412317429 |
| | Post Oak Crown IV, LLC | 5200 San Felipe | | Houston | TX | 77056 | 9414811898765412317405 |
| | Post Oak Crown IV-B, LLC | 5200 San Felipe | | Houston | TX | 77056 | 9414811898765412317498 |
| | Post Oak Mavros II, LLC | 34 S. Wynden Dr. | Ste. 210 | Houston | TX | 77056 | 9414811898765412317443 |
| | Post Oak Mavros II, LLC | 34 S. Wynden Dr. | Ste. 300 | Houston | TX | 77056 | 9414811898765412317481 |
| | Printz II, LLC | 190 E. Stacy Road 306-373 | | Allen | TX | 75002 | 9414811898765412317436 |
| | Pro Deo Energy, Inc. | P.O. Box 10886 | | Midland | TX | 79702 | 9414811898765412317474 |
| | Pro Deo Energy, Inc. | 9900 Spectrum Dr | | Austin | TX | 78717 | 9414811898765412317511 |
| | Quientesa Royalty LP | 508 W. Wall Ave. | Suite 500 | Midland | TX | 79701 | 9414811898765412317566 |
| | Raven Resources, LLC | 13220 N. MacArthur | | Oklahoma City | OK | 73142 | 9414811898765412317528 |
| | Raven Resources, LLC | 4321 Oak Knoll Dr | | Plano | TX | 75093 | 9414811898765412317597 |
| | RKC, Inc. | 1527 Hillside Rd. | | Fairfield | CT | 6430 | 9414811898765412317542 |
| | RKC, Inc. | 7029 E. Briarwood Circle | | Englewood | CO | 80112 | 9414811898765412317580 |
| | RKC, Inc. | 7500 E. Arapahoe Rd | Ste. 380 | Englewood | CO | 80112 | 9414811898765412317573 |
| | Robert D. Snyder | 3051 Wolf Creek Ranch Road | | Burnet | TX | 78611 | 9414811898765412316217 |
| the Elaine Novy Shapiro Management Trust | Robert Shapiro, Trustee of | 42 Sundown Parkway | | Austin | TX | 78746 | 9414811898765412316262 |
| | Rockwell Energy Resources, LLC | PO Box 54584 | | Oklahoma City | OK | 73154 | 9414811898765412316200 |
| | Scott Cohen | 4649 Hazelton Ln. | | Lake Worth | FL | 33449 | 9414811898765412316293 |
| | Sortida Resources, LLC | PO Box 50820 | | Midland | TX | 79710 | 9414811898765412316248 |
| | NM SLO | 310 Old Santa Fe Trail | | Santa Fe | NM | 87504 | 9414811898765412316231 |
| c/o FDL Silver Forge Operating, LLC | Sunrise Oil & Gas Properties, LLC | 5221 N OConnor Boulevard | Suite 1100 | Irving | TX | 75039 | 9414811898765412316811 |
| Carlsbad Field Office | BLM | 620 E. Greene Street | | Carlsbad | NM | 88220 | Via AFMSS Sundry |
| Attn: Mr. Dean McClure | New Mexico Oil Conservation Division | 1220 South St. Francis Drive | | | | | Via OCD Online |

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

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

Beginning with the issue dated
June 21, 2023
and ending with the issue dated
June 21, 2023.



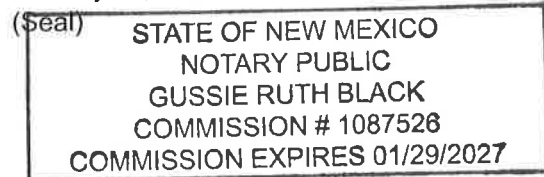
Publisher

Sworn and subscribed to before me this
21st day of June 2023.



Business Manager

My commission expires
January 29, 2027



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

LEGAL NOTICE
June 21, 2023

Permian Resources Operating, LLC is applying to surface commingle 11 wells to a central tank battery in Lea County, New Mexico. The central tank battery is located West of the Mozzarella Drill Island. The 11 wells, details and locations are the following:
Mozzarella Fed Com 602H located in the northwest quarter of section 8, T22S, R32E, Unit C, 954 FNL & 2149 FWL. Bilbrey Basin; Bone Spring
Mozzarella Fed Com 603H located in the northwest quarter of section 8, T22S, R32E, Unit C, 954 FNL & 2219 FWL. Bilbrey Basin; Bone Spring
Mozzarella Fed Com 604H located in the southeast quarter of section 5, T22S, R32E, Unit P, 757 FSL & 1245 FEL. Bilbrey Basin; Bone Spring
Mozzarella Fed Com 504H located in the northwest quarter of section 8, T22S, R32E, Unit C, 804 FNL & 2199 FWL. Bilbrey Basin; Bone Spring
Mozzarella Fed Com 505H located in the northwest quarter of section 8, T22S, R32E, Unit C, 804 FNL & 2239 FWL. Bilbrey Basin; Bone Spring
Mozzarella Fed Com 302H located in the northwest quarter of section 8, T22S, R32E, Unit C, 804 FNL & 2149 FWL. Bilbrey Basin; Bone Spring
Mozzarella Fed Com 402H located in the northwest quarter of section 8, T22S, R32E, Unit C, 804 FNL & 2209 FWL. Bilbrey Basin; Bone Spring
Gouda Fed Com 605H located in the southeast quarter of section 5, T22S, R32E, Unit P, 757 FSL & 1185 FEL. Bilbrey Basin; Bone Spring
Gouda Fed Com 304H located in the southeast quarter of section 5, T22S, R32E, Unit P, 797 FSL & 1105 FEL. Bilbrey Basin; Bone Spring
Gouda Fed Com 404H located in the southeast quarter of section 5, T22S, R32E, Unit P, 797 FSL & 1045 FEL. Bilbrey Basin; Bone Spring
Gouda Fed Com 506H located in the southeast quarter of section 5, T22S, R32E, Unit P, 797 FSL & 1075 FEL. Bilbrey Basin; 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 Katie Biersmith, Permian Resources Operating, LLC, 1001 17th Street, Suite 1800, Denver, CO 80202. Phone number is 720-499-1522.
#00279813

67117609

00279813

KATIE BIERSMITH
PERMIAN RESOURCES
1001 17TH ST
SUITE 1800
DENVER, CO 80202

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

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY PERMIAN RESOURCES OPERATING, ORDER NO. CTB-1057-A
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, leases, and wells as described in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
4. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
5. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.

CONCLUSIONS OF LAW

6. 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.
7. 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.
8. 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.
9. 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.

10. 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.
11. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

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

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

2. This Order supersedes Order CTB-1057.

For matters of surface commingling and off-lease storing and measuring oil and gas production and for the wells identified in Exhibit A, this Order supersedes Order PLC-653.

3. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling it with production from another well.
4. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
5. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8 B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8 E. NMAC.
6. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10 C.(2) NMAC.
7. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
8. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.

9. 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).
10. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ALBERT C. S. CHANG
DIRECTOR**

DATE: 10/31/2025

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: CTB-1057-A

Operator: Permian Resources Operating, LLC (372165)

Central Tank Battery: Mozzarella 8 Central Tank Battery

Central Tank Battery Location: UL C, Section 8, Township 22 South, Range 32 East

Gas Title Transfer Meter Location: UL C, Section 8, Township 22 South, Range 32 East

Pools

| Pool Name | Pool Code |
|----------------------------|-----------|
| BILBREY BASIN; BONE SPRING | 5695 |

Leases as defined in 19.15.12.7(C) NMAC

| Lease | UL or Q/Q | S-T-R |
|--|------------|------------|
| CA Bone Spring NMNM 105727763 (144138) | E2E2 | 32-21S-32E |
| | E2E2 | 05-22S-32E |
| CA Bone Spring NMNM 105725412 (143956) | E2W2, W2E2 | 32-21S-32E |
| | E2W2, W2E2 | 05-22S-32E |
| CA Bone Spring SLO 204648 PUN 1392723 | E2E2 | 32-21S-32E |
| | E2E2 | 05-22S-32E |
| CA Bone Spring SLO 204649 PUN 1392168 | E2W2, W2E2 | 32-21S-32E |
| | E2W2, W2E2 | 05-22S-32E |

Wells

| Well API | Well Name | UL or Q/Q | S-T-R | Pool |
|--------------|------------------------------|------------|------------|------|
| 30-025-46742 | Mozzarella Federal Com #602H | E2W2, W2E2 | 32-21S-32E | 5695 |
| | | E2W2, W2E2 | 05-22S-32E | |
| 30-025-46757 | Mozzarella Federal Com #603H | E2W2, W2E2 | 32-21S-32E | 5695 |
| | | E2W2, W2E2 | 05-22S-32E | |
| 30-025-48616 | Mozzarella Federal Com #604H | E2W2, W2E2 | 32-21S-32E | 5695 |
| | | E2W2, W2E2 | 5-22S-32E | |
| 30-025-48617 | Gouda Federal Com #605H | E2E2 | 32-21S-32E | 5695 |
| | | E2E2 | 05-22S-32E | |
| 30-025-51576 | Mozzarella Federal Com #505H | E2W2, W2E2 | 32-21S-32E | 5695 |
| | | E2W2, W2E2 | 05-22S-32E | |
| 30-025-50228 | Mozzarella Federal Com #302H | E2W2, W2E2 | 32-21S-32E | 5695 |
| | | E2W2, W2E2 | 05-22S-32E | |
| 30-025-46741 | Mozzarella Federal Com #402H | E2W2, W2E2 | 32-21S-32E | 5695 |
| | | E2W2, W2E2 | 05-22S-32E | |
| 30-025-51575 | Gouda Federal Com #304H | E2E2 | 32-21S-32E | 5695 |
| | | E2E2 | 05-22S-32E | |
| 30-025-50329 | Gouda Federal Com #404H | E2E2 | 32-21S-32E | 5695 |
| | | E2E2 | 05-22S-32E | |
| 30-025-50498 | Gouda Federal Com #506H | E2E2 | 32-21S-32E | 5695 |
| | | E2E2 | 05-22S-32E | |

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 231313

CONDITIONS

| | |
|---|---|
| Operator:
Permian Resources Operating, LLC
300 N. Marienfeld St Ste 1000
Midland, TX 79701 | OGRID:
372165 |
| | Action Number:
231313 |
| | 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 . | 11/10/2025 |