

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
-----------	-----------	-------	---------

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: Centennial Resource Prod, LLC OGRID Number: 372165  
 Well Name: Raider Fed Com 101H and Romeo Fed Com 1H API: 30-025-43408, 30-025-42999  
 Pool: Red Hills; Bone Spring, North Pool Code: 96434

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.

Sarah Ferreyros

Print or Type Name

Sarah Ferreyros

Signature

Digitally signed by Sarah Ferreyros  
 DN: cn=Sarah Ferreyros, ou=Staff, email=Sarah.Ferreyros@permianres.com  
 Date: 2023.02.22 14:48:30 -0700

2/15/2023

Date

720-499-1454

Phone Number

sarah.ferreyros@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: 1001 17<sup>th</sup> Street, Suite 1800, Denver, CO 80202  
APPLICATION TYPE:

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

LEASE TYPE: ☒ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

- (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. Red Hills; Bone Spring, North [96434]  
(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: 2/15/23

TYPE OR PRINT NAME Katie Biersmith TELEPHONE NO.: (720) 499-1522

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

**APPLICATION FOR SURFACE LEASE COMMINGLING**

Centennial Resource Production, LLC ("CRP") respectfully requests approval to surface lease commingle oil & gas from the following wells:

	API	WELL NAME	WELL #	LOCATION	POOL CODE/NAME	STATUS
1	30-025-43408	Raider Federal Com	101H	T24S-R34E Sec 21	[96434]/Red Hills; Bone Spring, North	PRODUCING
2	30-025-42999	Romeo Federal Com	1H	T24S-R34E Sec 22	[96434]/Red Hills; Bone Spring, North	PRODUCING

**GENERAL INFORMATION:****Spacing Unit for Raider Fed Com #101H - Pool: Red Hills; Bone Spring, North (96434) [API: 30-025-43408]**

E/2 E/2 Section 21, T24S R34E

Total of 160.00 acres, all in Lea County, NM

	Lease Type	Lease Number	Type of Production	Royalty	Description	% of Comm	Acres in Comm
1	Fee	Fee	Oil and Gas	25%	80 acres being E2SE4 Section 21, T24S R34E, Lea County, NM	50.00%	80.00
2	Federal	NM-126971	Oil and Gas	12.5%	240 acres, being NE4, W2SE4 Section 21 T24S R34E, Lea County, NM	50.00%	80.00
		Total				100.00%	160.00

\*The Communitization Agreement for the Raider Fed Com #101H has been approved by the BLM.

**Spacing Unit for Romeo Federal Com 1H - Pool: Red Hills; Bone Spring, North (96434) [API: 30-025-42999]**

W/2 W/2 Section 22, T24S R34E

Total of 160.00 acres, all in Lea County, NM

	Lease Type	Lease Number	Type of Production	Royalty	Description	% of Comm	Acres in Comm
1	Fee	Fee	Oil and Gas	25%	80 acres being W2W2 Section 22, T24S R34E, Lea County, NM	50.00%	80.00
2	Federal	NM-077090	Oil and Gas	12.5%	160.00 acres, being NW4, Section 22, T24S R34E, Lea County, NM	50.00%	80.00
3		Total				100.00%	160.00

\*The Communitization Agreement for the Romeo Federal Com 1H has been approved by the BLM.

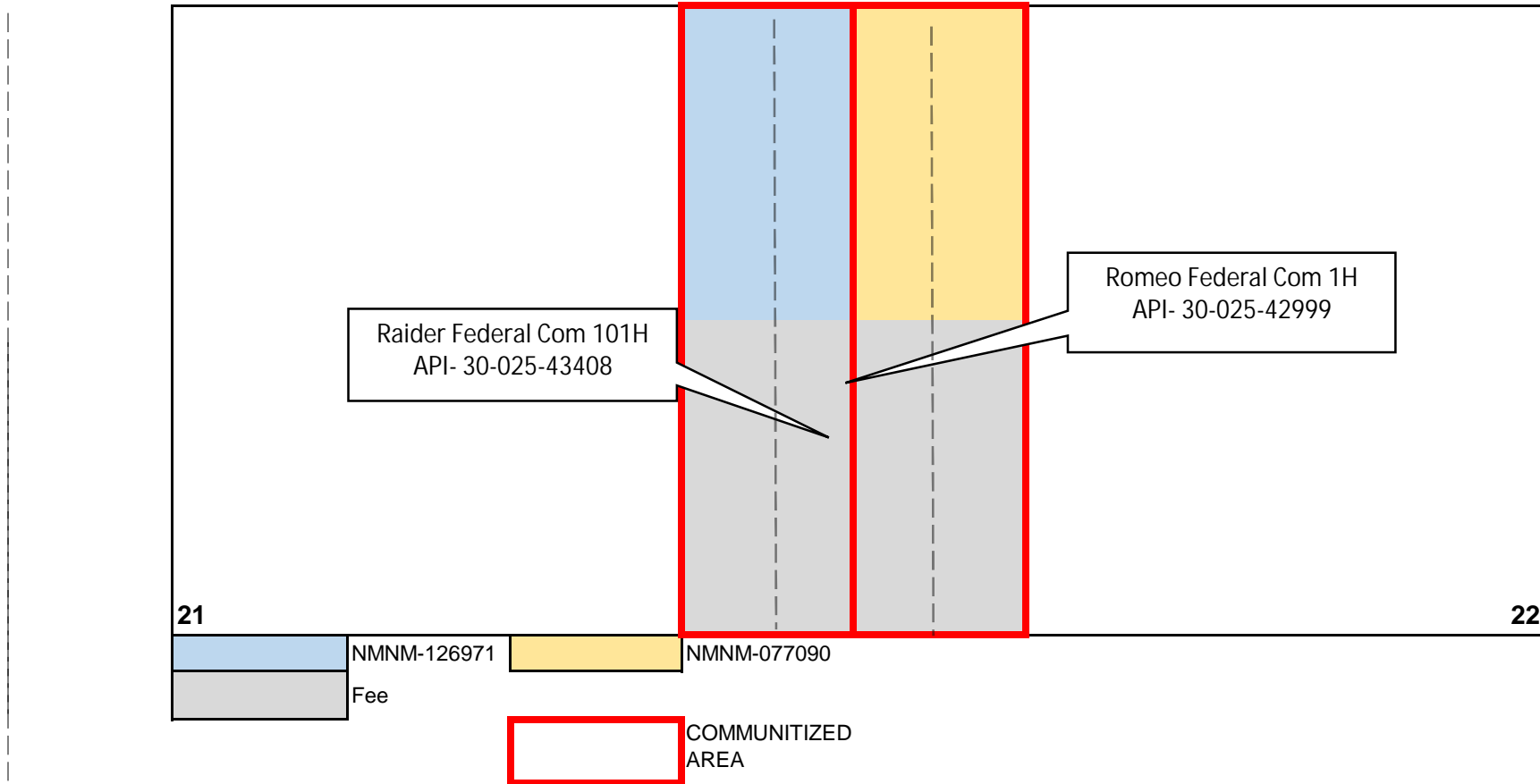
- Production from the Romeo 1H well will run via flowline to the Raider 101H facility located in the NE/4 of section 21, T24S, R34E. There will be no new surface disturbance.
- The FMP is located on the NMNM126971 lease included in this application, so while that is off-lease for the Romeo 1H well, the FMP is on lease for the Raider 101H. The two leases have identical Federal ownership and commingling at this CTB allows for reduced surface disturbance since we can use the existing, approved facility for the Raider 101H well.
- 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.)

- 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.
- The CAs in the proposed CAA are capable of production in paying quantities.
- Federal ownership in the two overlapping spacing units is identical.
- Enclosed herewith are the serial register pages for NMNM-126971 & NMNM-077090
- 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
- Gas analysis is not required as operator is applying for a CAA under 3173.14(a)(1)

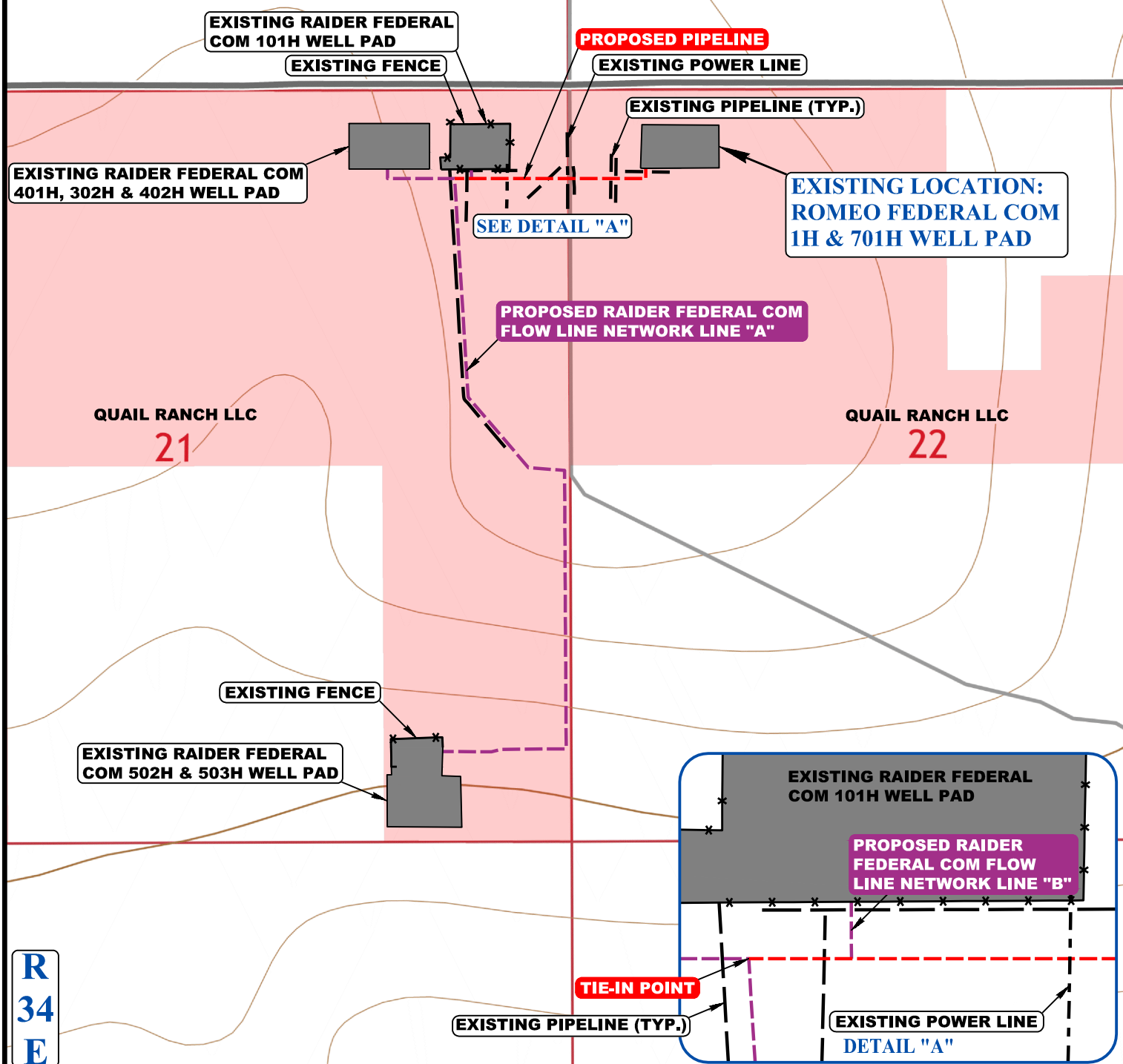


Raider- Romeo Commingling Lease Map

To Commingling Agreement embracing E/2E/2 of Section 21 and the W/2W/2 Section 22 Township 24 South, Range 34 East, N.M.P.M, Lea County, New Mexico



T24S



**APPROXIMATE TOTAL PIPELINE DISTANCE = 1,416' +/-**

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

**LEGEND:**

- EXISTING ROAD  
 - - - - - EXISTING POWER LINE  
 - - - - - EXISTING PIPELINE  
 - - - - - PROPOSED PIPELINE  
 - - - - - PROPOSED RAIDER FEDERAL COM FLOW LINE NETWORK  
 \* \* \* \* \* EXISTING FENCE



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

**CENTENNIAL RESOURCE PRODUCTION, LLC**

**ROMEO FEDERAL COM 1H & 701H**  
 NW 1/4 NW 1/4, SECTION 22, T24S, R34E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

SURVEYED BY	R.C., D.C.	08-16-22	SCALE
DRAWN BY	D.M.C.	02-13-23	1 : 12,000
<b>PIPELINE MAP</b>		<b>TOPO D</b>	



9/2/2022

## 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 LP Flare Volume (MSCF)	Well's Allocated Lease Use Gas Volume (MSCF)	Well's VRU Allocation Volume (MSCF)	Well's Allocated Gas Production (MSCF)
Raider Federal Com 101H	904.00	486.00	476.19	24.00	0.46	576.03	38.65	18.26	12.00	58.19	644.93
Romeo Federal Com 1H	1,042.00	527.00	558.81	24.00	0.54	675.97	45.35	13.74	12.00	43.81	747.07
Facility Totals	1,946.00	1,013.00	1,035.00	48.00	1.00	1,252.00	84.00	32.00	24.00	102.00	1,392.00

CTB Meter Name	Meter Readings
CTBs FC Meter (FMP) (MSCF)	1,252.00
HP Flare Meter (MSCF)	84.00
LP Flare Meter (MSCF)	32.00
VRU Meter (MSCF)	102.00
Lease Use Equipment (MSCF)	24.00
GL Compressor (MSCF)	1,013.00
Allocated Production (MSCF)	1,392.00



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

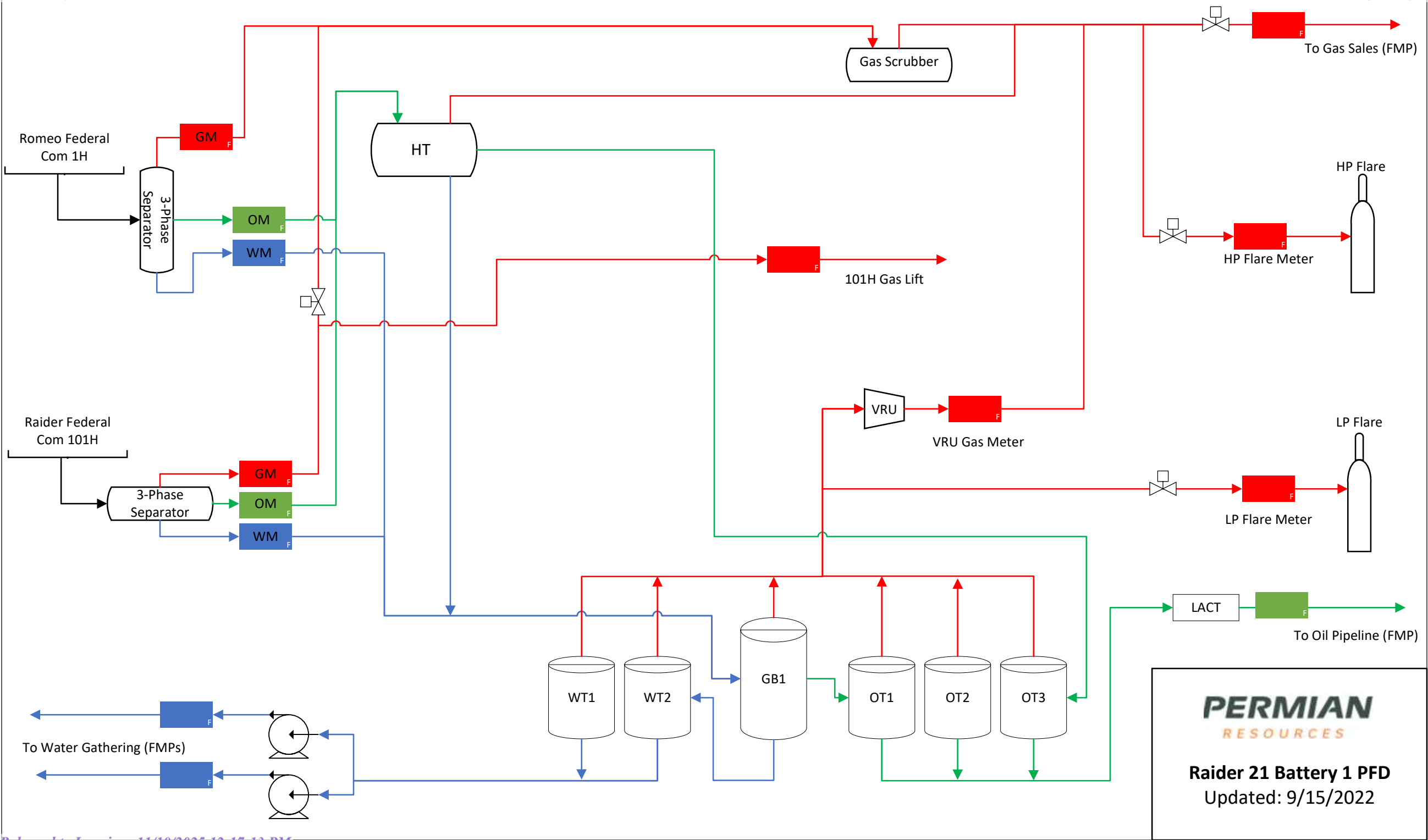
Well Name	Well's Water Meter (BBL)	Well's Theoretical % of Water Production	Well's Allocated Water Production (BBL)	Well's Available Water to Transfer (BBL)	Well's Theoretical % of Water Available to Transfer	Well's Allocated Water Transfer Volume (BBL)	Well's Beginning Tank Inventory (BBL)	Well's Ending Tank Inventory (BBL)
Raider Federal Com 101H	212.00	0.5506	226.32	457.32	0.4789	178.62	231.00	278.70
Romeo Federal Com 1H	173.00	0.4494	184.68	497.68	0.5211	194.38	313.00	303.30
Facility Totals:	385.00	1.0000	411.00	955.00	1.0000	373.00	544.00	582.00

CTBs Allocated Water Production (BBL)	411.00
CTBs Available Water to Transfer (BBL)	955.00
Total of CTBs Water Transfer Meters (BBL)	373.00
CTB's Beginning Water Tank Inventory (BBL)	544.00
CTB's Ending Water Tank Inventory (BBL)	582.00

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

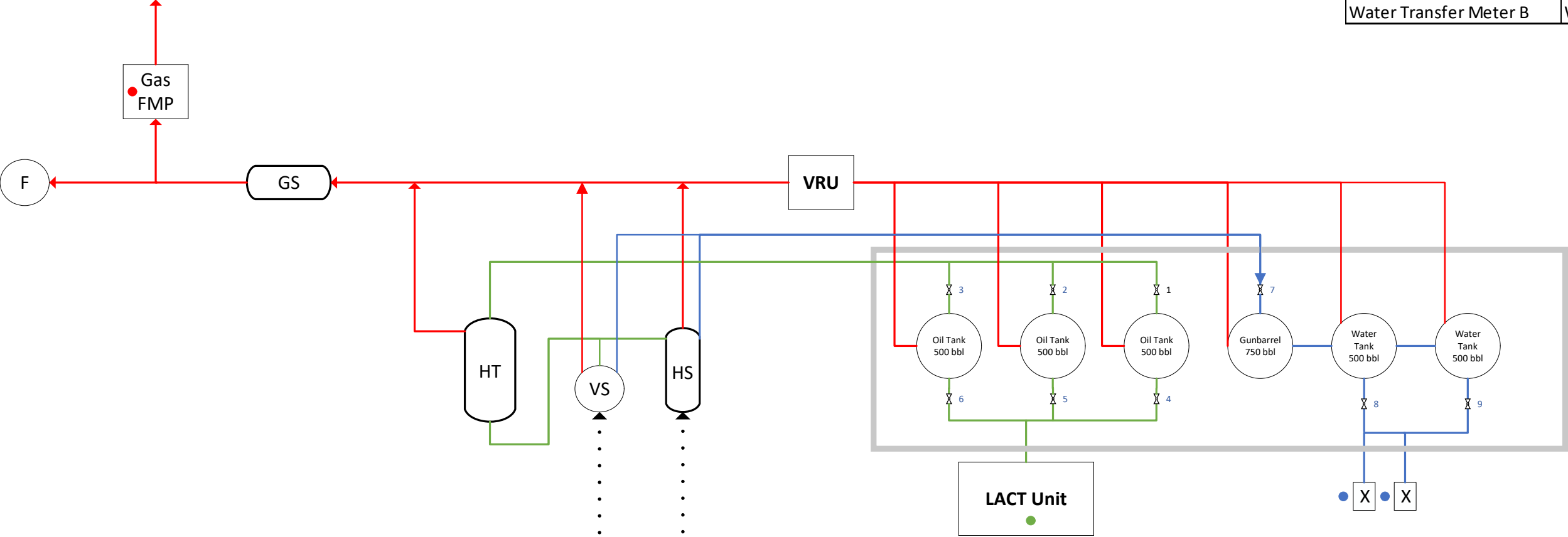
Well Name	Well's Oil Meter (BBL)	Well's Theoretical % of Oil Production	Well's Allocated Oil Production Volume (BBL)	Well's Available Oil for Sale (BBL)	Well's Theoretical % of Oil Available for Sale	Well's Allocated Sales Volume (FMP) (BBL)	Well's Beginning Tank Inventory (BBL)	Well's Ending Tank Inventory (BBL)
Raider Federal Com 101H	174.00	0.57	212.79	513.44	0.47	111.80	300.65	401.65
Romeo Federal Com 1H	131.00	0.43	160.21	584.21	0.53	127.20	424.00	457.00
Facility Totals	305.00	1.00	373.00	1,097.65	1.00	239.00	724.65	858.65

CTB Allocated Oil Production (BBL)	373.00	←--Pipeline LACT
CTB Available Oil for Sale (BBL)	1,097.65	
Total CTB Sales Volume (FMP) (BBL)	239.00	
CTB's Beginning Oil Tank Inventory (BBL)	312.00	
CTB's Ending Tank Inventory (BBL)	845.00	



Well Name	API Number	BLM Lease/CA
Raider Federal Com 101H	30-025-43408	NMNM-126971
Romeo Federal Com 1H	30-025-42999	NM 77090

FMP Location	FMP Product	Serial Number
LACT A	Oil	NB08E016000
Gas FMP	Gas	T184645800
Water Transfer Meter A	Water	122103671750
Water Transfer Meter B	Water	12115701931



Beneficial Use Equipment	Burn Rate (MCFD)	Calculation Method
Heater Treater	24	Manufacturer

Valve Position During Production		
Valve	Line Use	Position
1-3	Oil Fill	Open
4-6	Oil Sales	Closed
7	Water Fill	Open
8-9	Water Transfer	Closed

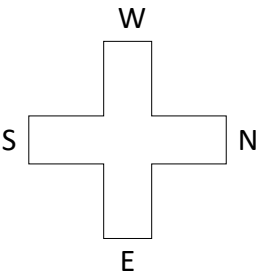
LEGEND

- Containment
- Below-ground Piping
- Produced Water Piping
- Crude Oil Piping
- Gas Piping
- Produced Water FMP
- Crude Oil FMP
- Gas FMP
- GS Gas Scrubber
- F Flare
- VRU Vapor Recovery Unit
- HT Heater Treater
- HS Horizontal Separator
- VS Vertical Separator
- X Pump
- Valve

Valve Position During Sales		
Valve	Line Use	Position
1-3	Oil Fill	Closed
4-6	Oil Sales	Open
7	Water Fill	Closed
8-9	Water Transfer	Open



SITE FACILITY DIAGRAM  
PERMIAN RESOURCES CORPORATION  
Raider 21 Battery 1 (Raider Federal Com 101H/Romeo Federal Com 1H)  
Section 21, T24S, R34E  
Lea County, NM



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
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

DEC 06 2018

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> APT Number <b>30-025-43408</b>	<sup>2</sup> Pool Code <b>96434</b>	<sup>3</sup> Post Name <b>RED HILLS, DONE PLUM NORTH</b>
<sup>4</sup> Property Code <b>318010</b>	<sup>5</sup> Property Name <b>RAIDER FEDERAL COM</b>	
<sup>7</sup> OGRID No. <b>372165</b>	<sup>8</sup> Operator Name <b>CENTENNIAL RESOURCE PRODUCTION, LLC</b>	
	<sup>6</sup> Well Number <b>101H</b>	<sup>9</sup> Elevation <b>3533.4'</b>

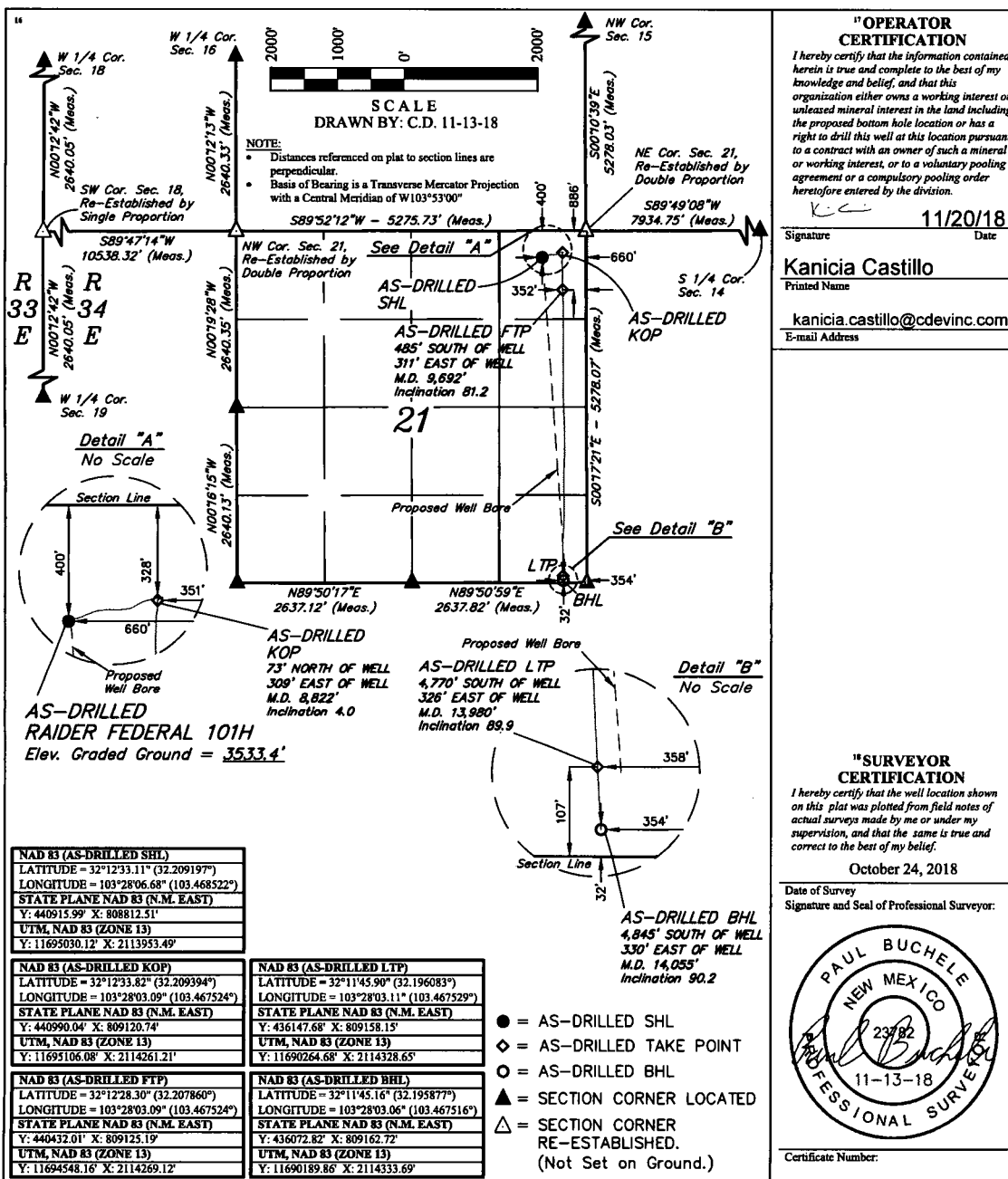
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	21	24S	34E		400	NORTH	660	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
P	21	24S	34E		32	SOUTH	354	EAST	LEA
<sup>12</sup> Dedicated Acres <b>160</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



## DISTRICT I

1625 N. French Dr., Hobbs, NM 88240  
Phone (575) 393-6181 Fax: (575) 393-0720

## DISTRICT II

811 S. First St., Artesia, NM 88210  
Phone (575) 748-1283 Fax: (575) 748-0720

## DISTRICT III

1000 Rio Brazos Rd., 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) 476-3462State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

## Exhibit 1

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District Office

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code <b>96434</b>	Pool Name <b>Red Hills; Bone Spring, North</b>
Property Code	Property Name <b>ROMEO FEDERAL COM</b>	Well Number <b>1H</b>
OGRID No. <b>260511</b>	Operator Name <b>GMT EXPLORATION COMPANY LLC</b>	Elevation <b>3534</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
D	22	24 S	34 E		400	NORTH	660	WEST	LEA

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
M	22	24 S	34 E		330	SOUTH	660	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	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><b>SURFACE LOCATION</b>          Lat - N 32°12'33.09"          Long - W 103°27'51.24"          NAD83          N 440924.5          E 810139.5          (NAD-83)</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b>          Lat - N 32°11'48.11"          Long - W 103°27'51.26"          NAD83          N 436378.9          E 810173.8          (NAD-83)</p> <p><b>COMMUNITIZED LANDS</b>          - NMNM 77090</p> <p><b>Free lands</b></p>	<p><b>OPERATOR CERTIFICATION</b></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 undivided 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>[Signature]</i> Date: <i>11/21/14</i></p> <p>Printed Name: <i>KEITH KRESS</i></p> <p>Email Address: <i>KKRESS@GMTEXPLORATION.COM</i></p> <p><b>SURVEYOR CERTIFICATION</b></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>Date Surveyed: <i>MAY 20, 2014</i></p> <p>Signature &amp; Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate No. <i>7977</i></p> <p>Scale: 1" = 1000'</p> <p>WO Num.: 30453</p>
--	---





## Serial Register Page

Nov 07, 2022

01121983 096STAT2447 30USC188; FED O&amp;G R

Case Type: O&amp;g lse comp pd -1987

Serial Number: NMNM 126971

Commodity: Oil &amp; gas

Acres: 240.000

Disposition: Authorized

Lessee

Owner Name	Street	City	State	Zip	Net Acres	%Int
CENTENNIAL RESOURCES PRODUCTION LLC	1001 17TH ST STE 1800	DENVER	CO	80202-2058	240.000	100.00

Meridian:	New Mex	State:	NM	County:	Lea
Township:	24 S	Range:	34 E	Admin Agency	
Section:	21	NE,W2SE		BUREAU OF LAND MGMT	

Code	Action	Date	Remarks
387	Case established	7/19/2011	201107010;
143	Bonus bid payment recd	7/20/2011	\$480.00;
191	Sale held	7/20/2011	
267	Bid received	7/20/2011	\$816000.00;
143	Bonus bid payment recd	8/2/2011	\$815520.00;
237	Lease issued	8/18/2011	
974	Automated record verif	8/18/2011	MV
496	Fund code	9/1/2011	05;145003
530	Rlty rate - 12 1/2%	9/1/2011	
868	Effective date	9/1/2011	
140	Asgn filed	11/7/2011	MILES RON/GMT EXPLO;1
139	Asgn approved	12/22/2011	EFF 12/01/11;
974	Automated record verif	12/22/2011	MJD
899	Trf of orr filed	4/7/2015	1
140	Asgn filed	7/13/2017	GMT EXPLO/CENTENNIA;1
139	Asgn approved	10/18/2017	EFF 8/1/2017
974	Automated record verif	10/18/2017	KM
246	Lease committed to ca	9/17/2018	NMNM139580;
650	Held by prod - actual	11/8/2018	/1/
658	Memo of 1st prod-actual	11/8/2018	/1/NMNM139580;#101H



<u>Code</u>	<u>Action</u>	<u>Date</u>	<u>Remarks</u>
643	Production determination	4/5/2019	/1/
232	Lease committed to unit	8/5/2022	
246	Lease committed to ca	8/5/2022	

---

Remarks

STIPULATIONS ATTACHED TO LEASE:

NM-11-LN SPECIAL CULTURAL RESOURCE

SENM-S-16 RAPTOR NESTS AND HERONRIES

SENM-S-22 PRAIRIE CHICKENS

RENTAL PAID 09/01/2011

RENTAL PAID PER ONRR 9/1/2017



## Serial Register Page

Nov 07, 2022

01121983 096STAT2447 30USC188; FED O&amp;G R

Case Type: O&amp;g lse comp pd -1987

Serial Number: NMNM 077090

Commodity: Oil &amp; gas

Acres: 1,440.020

Disposition: Authorized

Lessee

<u>Owner Name</u>	<u>Street</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Net Acres</u>	<u>%Int</u>
CENTENNIAL RESOURCES PRODUCTION LLC	1001 17TH ST STE 1800	DENVER	CO	80202-2058	0.000	0.00
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND	TX	79701-4882	0.000	0.00
OXY USA INC	5 GREENWAY PLZ STE 110	HOUSTON	TX	77046-0521	0.000	0.00

Operating Rights

<u>Owner Name</u>	<u>Street</u>	<u>City</u>	<u>State</u>	<u>Zip</u>	<u>Net Acres</u>	<u>%Int</u>
AQUINNAH RESOURCES LLC	110 W LOUISIANA AVE STE 404	MIDLAND	TX	79701-3486	0.000	0.00
CENTENNIAL RESOURCES PRODUCTION LLC	1001 17TH ST STE 1800	DENVER	CO	80202-2058	0.000	0.00
COG OPERATING LLC	600 W ILLINOIS AVE	MIDLAND	TX	79701-4882	0.000	0.00
OCCIDENTAL PERMIAN LP	5 GREENWAY PLZ STE 110	HOUSTON	TX	77046-0521	0.000	0.00
OXY USA INC	5 GREENWAY PLZ STE 110	HOUSTON	TX	77046-0521	0.000	0.00
OXY USA WTP LP	5 GREENWAY PLZ STE 110	HOUSTON	TX	77046-0521	0.000	0.00
OXY Y-1 CO	5 GREENWAY PLZ STE 110	HOUSTON	TX	77046-0521	0.000	0.00

Meridian: New Mex

State: NM

County: Lea

Township: 24 S

Range: 34 E

Admin Agency

Section: 1 S2NE,SE,SW,SE

BUREAU OF LAND MGMT

Section: 1 1,2,3

BUREAU OF LAND MGMT

Section: 12 E2,E2W2

BUREAU OF LAND MGMT

Section: 13 NE,NWNW,SW

BUREAU OF LAND MGMT

Section: 22 NW

BUREAU OF LAND MGMT

<u>Code</u>	<u>Action</u>	<u>Date</u>	<u>Remarks</u>
387	Case established	8/16/1988	
191	Sale held	8/17/1988	
267	Bid received	8/17/1988	\$122485.00;
111	Rental received	8/18/1988	\$2160.00;1YR/88-89

<u>Code</u>	<u>Action</u>	<u>Date</u>	<u>Remarks</u>
237	Lease issued	8/29/1988	
496	Fund code	9/1/1988	05;145003
530	Rlty rate - 12 1/2%	9/1/1988	
868	Effective date	9/1/1988	
909	Bond accepted	9/1/1988	EFF 07/24/78;WY0405
974	Automated record verif	9/27/1988	LO/LR
600	Records noted	2/16/1989	
963	Case microfilmed	3/1/1989	CNUM 566,357
111	Rental received	8/31/1989	\$2161.50;1YR/89-90
111	Rental received	8/10/1990	\$2161.50;21/10431
111	Rental received	8/14/1991	\$2161.50;21/11533
575	Apd filed	7/26/1993	POGO PROD CO
111	Rental received	8/6/1993	\$2882.00;21/14048
576	Apd approved	8/16/1993	#1 FALCON FED
235	Extended	8/31/1993	THRU 08/31/95;
974	Automated record verif	10/20/1993	GSB
650	Held by prod - actual	11/21/1993	HELD BY PROD - ACTUAL
140	Asgn filed	5/31/1994	LANDRETH/POGO ETAL
974	Automated record verif	6/14/1994	AR
140	Asgn filed	6/20/1994	LANDRETH/COX
899	Trf of orr filed	6/20/1994	
139	Asgn approved	9/22/1994	01 EFF 07/01/94;
139	Asgn approved	9/22/1994	EFF 07/01/94;
974	Automated record verif	9/22/1994	AR/MV
140	Asgn filed	1/13/1995	MONCRIEF/POGO ETAL
140	Asgn filed	1/13/1995	THORNTON/POGO ETAL
139	Asgn approved	10/10/1995	01 EFF 02/01/95;
139	Asgn approved	10/10/1995	EFF 02/01/95;
974	Automated record verif	10/10/1995	BTM
625	Rlty reduction appv	6/7/2000	
630	Rlty reduction lifted	2/1/2006	
140	Asgn filed	5/1/2008	POGO PRODUC/OXY USA;1
139	Asgn approved	6/13/2008	EFF 06/01/08;
974	Automated record verif	6/13/2008	MV
140	Asgn filed	1/8/2009	POGO PRODUC/OXY USA;1
139	Asgn approved	3/25/2009	EFF 02/01/09;
974	Automated record verif	3/25/2009	ANN
140	Asgn filed	7/1/2013	JM COX RE/AQUINNAH;1
139	Asgn approved	10/24/2013	EFF 08/01/13;

<u>Code</u>	<u>Action</u>	<u>Date</u>	<u>Remarks</u>
974	Automated record verif	10/24/2013	DME
140	Asgn filed	8/4/2014	AQUINNAH/COG OPERA;1
140	Asgn filed	8/4/2014	LANDRETH/COG OPERA;1
139	Asgn approved	10/15/2014	EFF 09/01/14;
974	Automated record verif	10/15/2014	EMR
139	Asgn approved	10/21/2014	EFF 09/01/14;
974	Automated record verif	10/21/2014	EMR
246	Lease committed to ca	11/1/2016	NMNM137034;
658	Memo of 1st prod-actual	3/8/2017	/1/NMNM137034;#4H
246	Lease committed to ca	4/3/2017	NMNM137411;
643	Production determination	5/18/2017	/1/
658	Memo of 1st prod-actual	7/30/2017	/2/NMNM137411;#1H
899	Trf of orr filed	9/5/2017	1
643	Production determination	10/25/2017	/2/
246	Lease committed to ca	11/1/2017	NMNM138289;
658	Memo of 1st prod-actual	2/25/2018	/3/NMNM138289;#1H
899	Trf of orr filed	6/20/2018	1
899	Trf of orr filed	6/20/2018	2
643	Production determination	7/12/2018	/3/
899	Trf of orr filed	8/13/2019	1
932	Trf oper rgts filed	4/21/2020	COG OPERATI/OXY USA;1
933	Trf oper rgts approved	8/23/2020	EFF 05/01/20;
974	Automated record verif	8/23/2020	LL
140	Asgn filed	6/21/2021	AQUINNAH/CENTENNIA;1
140	Asgn filed	6/21/2021	LANDRETH/CENTENNIA;1
932	Trf oper rgts filed	6/21/2021	LANDRETH/CENTENNIA;1
139	Asgn approved	10/28/2021	EFF 07/01/21;1
139	Asgn approved	10/28/2021	EFF 07/01/21;2
933	Trf oper rgts approved	10/28/2021	EFF 07/01/21;

Remarks

CURRENT RECORD TITLE OWNERS:

T. 24 S R 34 E

SEC. 01: LOTS 1,2,3,S2NE,SE,SW,SE

SEC. 12: E2,E2W2

SEC. 13: NE,NWNW,SW

COG OPERATING LLC 76.1486%

OXY USA INC 23.8514%

T. 24 S R 34 E

Remarks

SEC. 22: NW

CENTENNIAL RES PROD LLC 76.1486%

OXY USA INC 23.8514%

06/13/08 OXY BONDED LESSEE ES0136/NW

OPERATOR BONDED - 03/25/2009

OXY USA INC - ES0136 - N/W;

10/24/2013 OXY USA INC BONDED NMB000862 SW

10/15/2014 - BONDED ASSIGNEE

COG OPERATING LLC - NMB000215 - SW/NM;

08/23/2020 - OCCIDENTAL PERMIAN - NM2797 -SW/NM;

08/23/2020 - OXY USA WTP/OXY USA INC - ESB000226 NW;

08/23/2020 - OPERATING RIGHTS ADJUDICATED;

SEE WORKSHEET.

RECEIVED  
JAN 28 2019

BY: \_\_\_\_\_

## 3160-9 – COMMUNITIZATION

Model Form of a Federal Communitization AgreementContract No. MMNM 139580

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 24 South, Range 34 East, Lea County, New Mexico  
Section 21: E/2 E/2

Containing 160.00 acres, being further described on Exhibit A attached hereto, and this agreement shall include only the **Bone Springs** 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

C3078

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 **September 17, 2018** 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: [Signature]

Name: Sean W. Marshall

Title: Vice President of Land

Date: January 7<sup>th</sup>, 2019

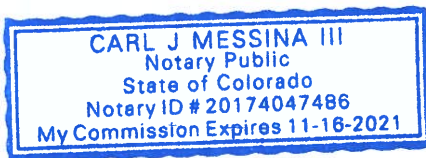
TLT

THE STATE OF TEXAS \_\_\_\_\_ §

§

COUNTY OF MIDLAND \_\_\_\_\_ §

This instrument was acknowledged before me on this 7<sup>th</sup> day of January, 2018<sup>9</sup>, by Sean W. Marshall, as Vice President of Land of Centennial Resource Production, LLC, a Delaware corporation.



Carl J. Messina III  
Notary Public in and for the State of Texas

**Record Title Owner:**  
EOG Resources, Inc.

By: [Signature] PCB

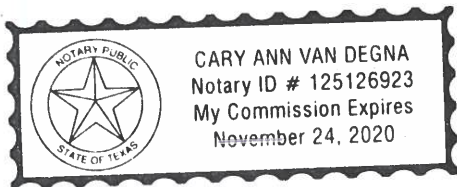
Name: Wendy Dalton

Title: Agent & Attorney-in-fact

Date: December 19, 2018

THE STATE OF Texas §  
§  
COUNTY OF Midland §

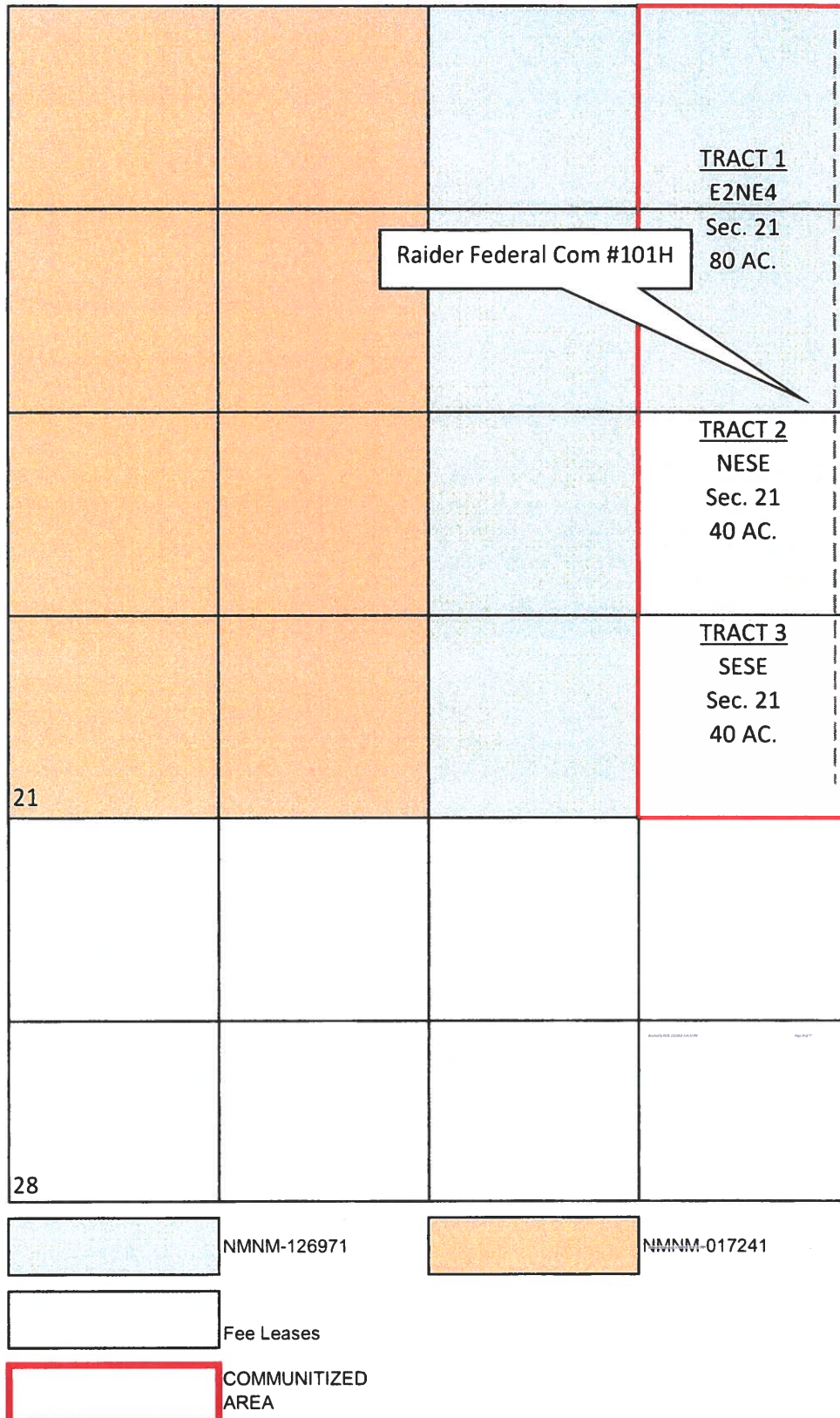
This instrument was acknowledged before me on this 19<sup>th</sup> day of December, 2018,  
by Wendy Dalton, as Agent & Attorney-in-Fact of  
EOG Resources, Inc, a Delaware corporation.



Cary Ann Van Degna  
Notary Public in and for the State of Texas

Exhibit A

To Communitization Agreement dated August 30, 2018 embracing the E/2 E/2  
Section 21, Township 24 South, Range 34 East, N.M.P.M.,  
Lea County, New Mexico



## Exhibit B

To Communitization Agreement dated August 30, 2018 embracing E/2 E/2 Section 21,  
Township 24 South, Range 34 East, N.M.P.M.,  
Lea County, New Mexico

### Operator of Communitized Area: Centennial Resource Production, LLC

#### **Tract No. 1**

Lease Serial No.: NMNM-126971

Description of Lands Committed: Insofar as lease covers E/2 NE/4 Section 21, T24S, R34E, Lea County, NM

Number of Acres: 80.00

Lessee of Record: Bureau of Land Management

Name and Percent WI Owners: Centennial Resource Production, LLC \_ \_ \_ \_ 100.000000%

#### **Tract No. 2**

Lease Type Fee Leases

Description of Lands Committed: Insofar as leases cover NESE, Section 21, T24S, R34E, Lea County, NM

Number of Acres: 40.00

Lessee of Record: Kirby D Schenck and Rita D Schenck Trusts  
Beulah H. Simmons Trust, et al

Name and Percent WI Owners: Centennial Resource Production, LLC \_ \_ \_ \_ 100.000000%

Pooling Provision: Lease contains a provision authorizing pooling

#### **Tract No. 3**

Lease Type Fee Leases

Description of Lands Committed: Insofar as leases cover SESE, Section 21, T24S, R34E, Lea County, NM

Number of Acres: 40.00

Lessee of Record: Realeza Del Spears LP  
Ryan Moore Trustee, et al

Michael Harrison Moore

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

Pooling Provision: Lease contains a provision authorizing pooling





## United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Pecos District

Carlsbad Field Office

620 E. Greene

Carlsbad, New Mexico 88220-6292

[www.blm.gov/nm](http://www.blm.gov/nm)



Romeo Fed Com #1H

IN REPLY REFER TO:

NM137411

3105.2 (P0220)

10/25/2017

Reference:

Communitization Agreement

Romeo Fed Com 1H

T. 24 S., R. 34 E.,

Sec. 22: W2W2

Lea County, NM

Centennial Resource Production, LLC  
1001 Seventeenth St., Suite 1800  
Denver, CO 80202

Gentlemen:

Enclosed is an approved copy of Communitization Agreement NM137411 involving 80 acres of Federal land in lease NMNM77090 and 80 acres of Fee land in Lea County, New Mexico, which comprise a 160 acre well spacing unit.

The agreement communitizes all rights to all producible gas and fluid hydrocarbons from the Bone Spring formation beneath the W2W2 of sec. 22, T. 24 S., R. 34 E., NMPM, and is effective 04/03/2017. Approval of this agreement does not warrant or certify that the operator, thereof, and other working interest owners hold legal or equitable title to the leases which are committed hereto.

Approval of this agreement does not constitute an adjudication of any state, local government or private interests, and does not constitute a warranty or certification that the information supplied by the party submitting this agreement regarding any private, state or local government interests is accurate.

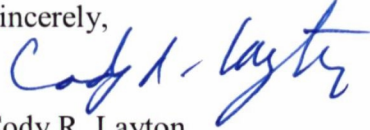
Copies of this approval letter are being distributed to the appropriate Federal agencies. You are requested to furnish all interested parties with the appropriate evidence of this approval. Any production royalties that are due must be reported and paid according to regulations set up by the Office of Natural Resources Revenue at 1-800-525-9167 or 303-231-3504.



If you have any questions regarding this approval, please contact Chris Walls, Petroleum Engineer at (575) 234-2234 or Deborah Ham at (575) 234-5965.

Please furnish all interested principals with appropriate evidence of this approval.

Sincerely,



Cody R. Layton  
Assistant Field Manager,  
Lands and Minerals

1 Enclosure:

1 - Communitization Agreement

cc:

ONRR, Denver (357B-1, Antoinette Contreras, Stacey Kaiser)

NM Taxation & Revenue Dept. (Revenue Processing Div.)

NMOCD

NM (9200)

NM (P0220-CFO, File Room)

Determination - Approval - Certification

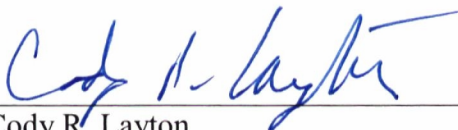
Pursuant to the authority vested in the Secretary of the Interior under Section 17(j) of the Mineral Leasing Act of 1920, as amended (74 Stat. 784; 30 U.S.C. 226(j)), and delegated to the authorized officer of the Bureau of Land Management, I do hereby:

- A. Determine that the Federal lease or leases as to the lands committed to the attached agreement 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 that consummation and approval of the agreement will be in the public interest. Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.
- B. Approve the attached Communitization Agreement covering W2W2 of sec. 22, T. 24 S., R. 34 E., NMPM, as to all producible hydrocarbons from the Bone Spring formation. This approval will become invalid if the public interest requirements under section 3105.2-3 (c) are not met.

Approval also requires operator to submit copies of sundries or any other documentation regarding activity with this well to the Bureau of Land Management (BLM), Carlsbad Field Office pursuant to Item 9 of the approved Communitization Agreement.

- C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of the Federal lease or leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of the agreement.

Approved: 10/25/2017



Cody R. Layton  
Assistant Field Manager  
Lands and Minerals

Effective: 04/03/2017

Contract No.: Com. Agr. NM137411

**Communitization Agreement****Contract No. NM137411**

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:

**W1/2W1/2 of Section 22, Township 24 South, Range 34 East, N.M.P.M., Lea County, New Mexico**

Containing 160.00 acres, and this agreement shall include only the **BONE SPRING** formation(s) underlying said lands and the **CRUDE OIL AND ASSOCIATED NATURAL GAS** 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 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 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 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 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 if such failure results from, compliance with any such laws, orders, rules or regulations.

10. The date of this agreement is April 3rd, 2017, and it shall become effective as of the 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 representative, and shall remain in force and effect for a period of 2 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 2-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 interests 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 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.

**GMT Exploration Company, LLC. - Operator**

By:   
Name: Philip G. Wood  
Title: Vice-President, Land

Date: 5/15/2017

**MRC Permian Company**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**OXY USA Inc.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Aquinnah Resources, LLC**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Robert E. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**Donna P. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**JM Cox Resources, LP**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Scott W. Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

**Chellye Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_


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.

**GMT Exploration Company, LLC. - Operator**

By: \_\_\_\_\_  
Name: Philip G. Wood  
Title: Vice-President, Land

Date: \_\_\_\_\_

**MRC Permian Company**

By:  \_\_\_\_\_  
Name: Craig N. Adams  
Title: Executive Vice President

Date: APRIL 26, 2012

**OXY USA Inc.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Aquinnah Resources, LLC**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Robert E. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**Donna P. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**JM Cox Resources, LP**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Scott W. Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

**Chellye Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

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.

**GMT Exploration Company, LLC. - Operator**

By: \_\_\_\_\_  
Name: Philip G. Wood  
Title: Vice-President, Land

Date: \_\_\_\_\_

**MRC Permian Company**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**OXY USA Inc.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Aquinnah Resources, LLC**  
*Attorney-in-fact*

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Robert E. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**Donna P. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**JM Cox Resources, LP**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Scott W. Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

**Chellye Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_



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.

**GMT Exploration Company, LLC. - Operator**

By: \_\_\_\_\_  
Name: Philip G. Wood  
Title: Vice-President, Land

Date: \_\_\_\_\_

**MRC Permian Company**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**OXY USA Inc.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Aquinnah Resources, LLC**

By: Robert E. Landreth  
Name: Robert E. Landreth  
Title: Sole Member

Date: 4/26/17

**Robert E. Landreth**

Robert E. Landreth

Date: 4/26/17

**Donna P. Landreth**

Donna P. Landreth

Date: 4-26-17

**JM Cox Resources, LP**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Scott W. Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

**Chellye Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

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.

**GMT Exploration Company, LLC. - Operator**

By: \_\_\_\_\_  
Name: Philip G. Wood  
Title: Vice-President, Land

Date: \_\_\_\_\_

**MRC Permian Company**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**OXY USA Inc.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Aquinnah Resources, LLC**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Robert E. Landreth**

\_\_\_\_\_

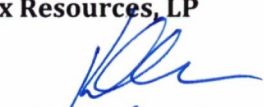
Date: \_\_\_\_\_

**Donna P. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**JM Cox Resources, LP**

By:   
Name: Kelly Cox  
Title: General Manager

Date: 5-3-17

**Scott W. Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

**Chellye Tanberg**

\_\_\_\_\_

Date: \_\_\_\_\_

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.

**GMT Exploration Company, LLC. - Operator**

By: \_\_\_\_\_  
Name: Philip G. Wood  
Title: Vice-President, Land

Date: \_\_\_\_\_

**MRC Permian Company**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**OXY USA Inc.**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Aquinnah Resources, LLC**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Robert E. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**Donna P. Landreth**

\_\_\_\_\_

Date: \_\_\_\_\_

**JM Cox Resources, LP**

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Scott W. Tanberg**

*Scott W. Tanberg*  
\_\_\_\_\_

Date: 4/25/17

**Chellye Tanberg**

*Chellye Tanberg*  
\_\_\_\_\_

Date: 4/25/17

## ACKNOWLEDGEMENTS

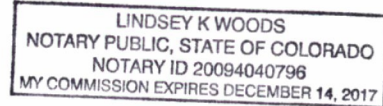
STATE OF COLORADO )  
 ) SS.  
 COUNTY OF DENVER )

The foregoing instrument was acknowledged before me this 15<sup>th</sup> day of May, 2017, by Philip G. Wood, of GMT Exploration Company, LLC, a Delaware limited liability company, on behalf of said limited liability company.

My Commission Expires:

12/14/2017

Lindsey K Woods  
 Notary Public



STATE OF TEXAS )  
 ) SS.  
 COUNTY OF DALLAS )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by \_\_\_\_\_, of MRC Permian Company, a Texas Corporation, on behalf of said Corporation.

My Commission Expires:

\_\_\_\_\_

\_\_\_\_\_  
 Notary Public

STATE OF TEXAS )  
 ) SS.  
 COUNTY OF HARRIS )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by \_\_\_\_\_, of OXY USA Inc., a Delaware Corporation, on behalf of said corporation.

My Commission Expires:

\_\_\_\_\_

\_\_\_\_\_  
 Notary Public

## ACKNOWLEDGEMENTS

STATE OF COLORADO )  
 ) SS.  
 COUNTY OF DENVER )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by \_\_\_\_\_, of GMT Exploration Company, LLC, a Delaware limited liability company, on behalf of said limited liability company.

My Commission Expires:

\_\_\_\_\_  
 Notary Public

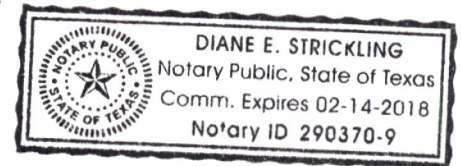
STATE OF TEXAS )  
 ) SS.  
 COUNTY OF DALLAS )

The foregoing instrument was acknowledged before me this 26 day of April, 2017, by Craig. N. Adams, Executive Vice President of MRC Permian Company, a Texas Corporation, on behalf of said Corporation.

My Commission Expires:

02-14-2018

*Diane E Strickling*  
 Notary Public



STATE OF TEXAS )  
 ) SS.  
 COUNTY OF HARRIS )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by \_\_\_\_\_, of OXY USA Inc., a Delaware Corporation, on behalf of said corporation.

My Commission Expires:

\_\_\_\_\_  
 Notary Public



## ACKNOWLEDGEMENTS

STATE OF COLORADO )  
 ) SS.  
 COUNTY OF DENVER )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by \_\_\_\_\_, of GMT Exploration Company, LLC, a Delaware limited liability company, on behalf of said limited liability company.

My Commission Expires:

\_\_\_\_\_  
 Notary Public

STATE OF TEXAS )  
 ) SS.  
 COUNTY OF DALLAS )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by \_\_\_\_\_, of MRC Permian Company, a Texas Corporation, on behalf of said Corporation.

My Commission Expires:

\_\_\_\_\_  
 Notary Public

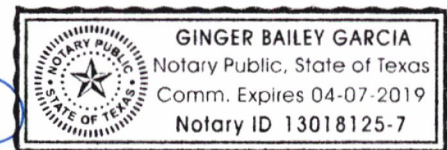
STATE OF TEXAS )  
 ) SS.  
 COUNTY OF HARRIS )

The foregoing instrument was acknowledged before me this 10 day of April, 2017 by Bradley S. Dusek, Attorney-in-Fact, of OXY USA Inc., a Delaware Corporation, on behalf of said corporation.

My Commission Expires:

4-7-19

My Bolo  
 Notary Public



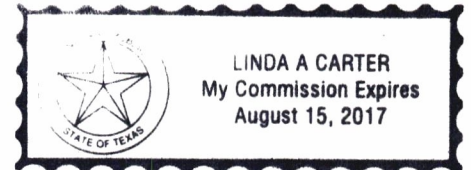
STATE OF TEXAS )  
 ) SS.  
 COUNTY OF MIDLAND )

The foregoing instrument was acknowledged before me this 26 day of APRIL, 2017, by Robert E. Landreth, as Sole Member of Aquinnah Resources, LLC, a Texas limited liability company, on behalf of said limited liability company.

My Commission Expires:

8/15/17

*Linda A. Carter*  
 Notary Public



STATE OF TEXAS )  
 ) SS.  
 COUNTY OF MIDLAND )

The foregoing instrument was acknowledged before me this 26 day of APRIL, 2017, by Robert E. Landreth, and wife, Donna P. Landreth.

My Commission Expires:

8/15/17

*Linda A. Carter*  
 Notary Public



STATE OF \_\_\_\_\_ )  
 ) SS.  
 COUNTY OF \_\_\_\_\_ )

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by \_\_\_\_\_, of JM Cox Resources, LP, a \_\_\_\_\_, on behalf of said \_\_\_\_\_.

My Commission Expires:

\_\_\_\_\_

Notary Public

STATE OF TEXAS )  
 ) SS.  
 COUNTY OF MIDLAND )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by Robert E. Landreth, as Sole Member of Aquinnah Resources, LLC, a Texas limited liability company, on behalf of said limited liability company.

My Commission Expires:

\_\_\_\_\_  
 Notary Public

STATE OF TEXAS )  
 ) SS.  
 COUNTY OF MIDLAND )

The foregoing instrument was acknowledged before me this \_\_\_ day of \_\_\_\_\_, 20\_\_, by Robert E. Landreth, and wife, Donna P. Landreth.

My Commission Expires:

\_\_\_\_\_  
 Notary Public

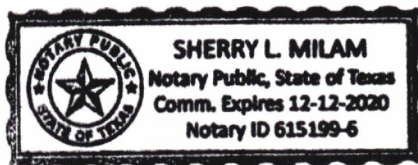
STATE OF Texas )  
 ) SS.  
 COUNTY OF Midland )

The foregoing instrument was acknowledged before me this 2 day of May, 2017, by Kelly Cox, of JM Cox Resources, LP, a General Manager Partnership, on behalf of said

My Commission Expires:

12-12-20

Sherry L. Milam  
 Notary Public





STATE OF TEXAS )  
 ) SS.  
COUNTY OF MIDLAND )

The foregoing instrument was acknowledged before me this 25 day of APRIL, 2017, by  
Scott W. Tanberg, and wife, Chellye Tanberg.

My Commission Expires:

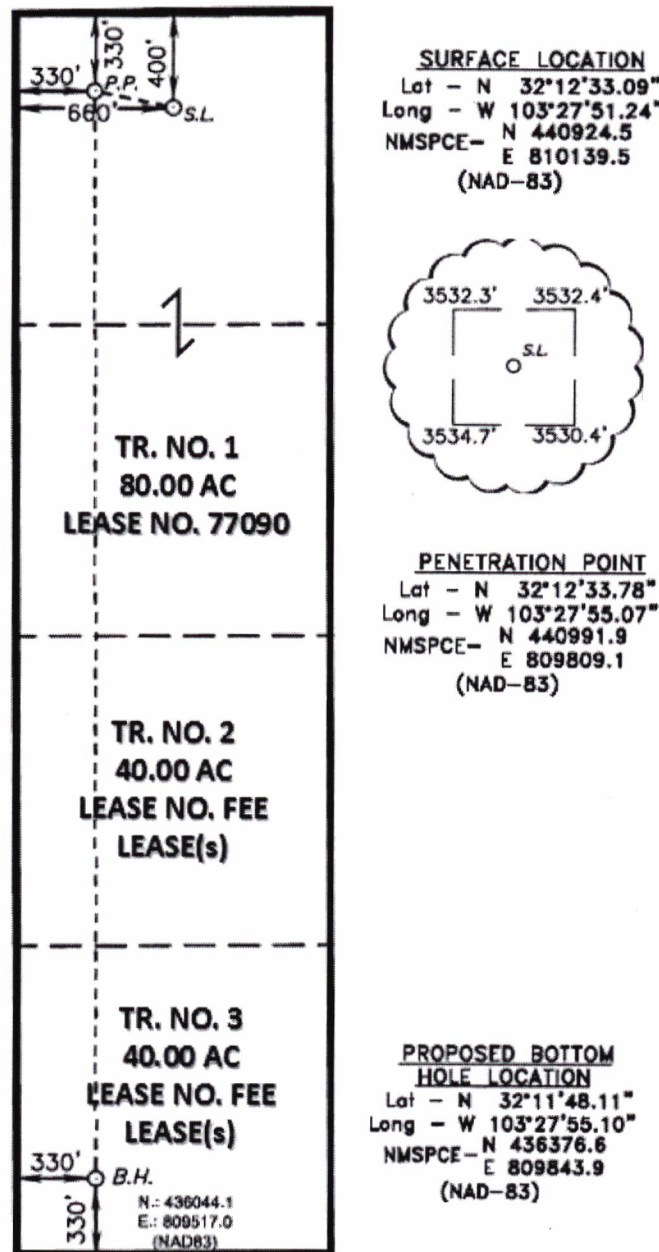
8/15/17

Linda A. Carter  
Notary Public



## EXHIBIT "A"

Plat of communitized area covering W1/2W1/2, Section 22, Township 24 South, Range 34 East, N.M.P.M., Red Hills Field, Lea County, New Mexico

Romeo Federal Com 1H

**EXHIBIT "B"**

**Plat of communitized area covering W1/2W1/2, Section 22, Township 24 South, Range 34 East, N.M.P.M., Red Hills Field, Lea County, New Mexico**

**Operator of Communitized Area: GMT Exploration Company, LLC**

**DESCRIPTION OF LEASES COMMITTED****Tract No. 1**

**Lease 1.a.** #2255000

<b>Lease Serial No.:</b>	NMNM- 77090
<b>Lease Date:</b>	September 1, 1988
<b>Lease Term:</b>	10 Years
<b>Lessor:</b>	Bureau of Land Management
<b>Present Lessee:</b>	Robert E. Landreth and Wife Donna P. Landreth Aquinnah Resources, LLC OXY USA Inc.
<b>Description of Land Committed:</b>	<u>Township 24 South, Range 34 East, N.M.P.M</u> W1/2NW1/4 Section 22
<b>Number of Acres:</b>	80.00
<b>Royalty Rate:</b>	12.50%
<b>Name and Percent ORRI Owners:</b>	
Scott Tanberg:	3.000000%
Robert E. Landreth and Wife Donna P. Landreth	1.974098%
Aquinnah Resources, LLC	3.333333%
OXY USA Inc.:	0.046540%
JM Cox Resources, LP	3.000000%
<b>Name and Percent WI Owners:</b>	
GMT Exploration Company, LLC:	76.148630%
OXY USA Inc.:	23.851370%

OXY USA Inc.'s interest is subject to New Mexico Oil Conservation Division pooling order no. R-14075 and R-14075-A.

**Tract No. 2****Lease 2.a** #2262200

**Lease Serial No.:** FEE LEASE

**Lease Date:** October 1, 2013

**Lease Term:** 5 Years

**Lessor:** Western Commerce Bank Agent for the Kirby D. Schenck and Rita D. Schenck Trust B

**Present Lessee:** Robert E. Landreth

**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
NW1/4SW1/4 Section 22

**Number of Acres:** 20.000000

**Royalty Rate:** 25.000%

**Name and Percent ORRI Owners:** NONE

**Name and Percent WI Owners:**

GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 2.b**

**Lease Serial No.:** FEE LEASE

**Lease Date:** August 29, 2013

**Lease Term:** 6 years

**Lessor:** Beulah H. Simmons Trust FBO M.J. Hand and J.E. Simmons Trust FBO M. J. Hand

**Present Lessee:** MRC Permian Company

**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
NW1/4SW1/4 Section 22

**Number of Acres:** 20.000000

**Royalty Rate:** 25.000%

**Name and Percent ORRI Owners:** NONE

**Name and Percent WI Owners:**

MRC Permian Company: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Tract No. 3** #2262000

**Lease 3.a**

**Lease Serial No.:** FEE LEASE

**Lease Date:** November 1, 2013

**Lease Term:** 5 Years

**Lessor:** Realeza Del Spear, L.P.

**Present Lessee:** Robert E. Landreth

**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
SW1/4SW1/4 Section 22

**Number of Acres:** 13.333333

**Royalty Rate:** 25.000%

**Name and Percent ORRI Owners:** NONE

**Name and Percent WI Owners:**

GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 3.b**

**Lease Serial No.:** FEE LEASE

**Lease Date:** August 26, 2015

**Lease Term:** 3 Years

**Lessor:** Roy G. Barton, Jr., as his sole and separate property

**Present Lessee:** MRC Permian Company

**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M



SW1/4SW1/4 Section 22

**Number of Acres:** 13.333333**Royalty Rate:** 25.000%**Name and Percent ORRI Owners:** NONE**Name and Percent WI Owners:**

MRC Permian Company: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 3.c** #2261400**Lease Serial No.:** FEE LEASE**Lease Date:** August 20, 2015**Lease Term:** 3 years**Lessor:** Michael Harrison Moore**Present Lessee:** GMT Exploration Company, LLC**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
SW1/4SW1/4 Section 22**Number of Acres:** 4.444444**Royalty Rate:** 25.000%**Name and Percent ORRI Owners:** NONE**Name and Percent WI Owners:**

GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 3.d** #2261500**Lease Serial No.:** FEE LEASE**Lease Date:** September 18, 2015**Lease Term:** 3 years**Lessor:** Richard Lyons Moore

**Present Lessee:** GMT Exploration Company, LLC

**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
SW1/4SW1/4 Section 22

**Number of Acres:** 4.444444

**Royalty Rate:** 25.000%

**Name and Percent ORRI Owners:** NONE

**Name and Percent WI Owners:**

GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 3.e** #2261600

**Lease Serial No.:** FEE LEASE

**Lease Date:** September 18, 2015

**Lease Term:** 3 years

**Lessor:** Kevin Moore as Trustee of the Kevin Moore SSMTT  
GST Exempt Trust as revised and restated on  
December 22, 2008

**Present Lessee:** GMT Exploration Company, LLC

**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
SW1/4SW1/4 Section 22

**Number of Acres:** 1.111111

**Royalty Rate:** 25.000%

**Name and Percent ORRI Owners:** NONE

**Name and Percent WI Owners:**

GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 3.f** #2261700

**Lease Serial No.:** FEE LEASE  
**Lease Date:** September 18, 2015  
**Lease Term:** 3 years  
**Lessor:** Kevin Moore as Trustee of the Kevin Moore SSMTT  
Nonexempt Trust as revised and restated on  
December 22, 2008  
**Present Lessee:** GMT Exploration Company, LLC  
**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
SW1/4SW1/4 Section 22  
**Number of Acres:** 1.111111  
**Royalty Rate:** 25.000%  
**Name and Percent ORRI Owners:** NONE  
**Name and Percent WI Owners:**  
GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 3.g** #2261800

**Lease Serial No.:** FEE LEASE  
**Lease Date:** September 18, 2015  
**Lease Term:** 3 years  
**Lessor:** Ryan Moore as Trustee of the Ryan Moore SSMTT  
GST Exempt Trust as revised and restated on  
December 22, 2008  
**Present Lessee:** GMT Exploration Company, LLC  
**Description of Land Committed:** Township 24 South, Range 34 East, N.M.P.M  
SW1/4SW1/4 Section 22  
**Number of Acres:** 1.111111  
**Royalty Rate:** 25.000%  
**Name and Percent ORRI Owners:** NONE



**Name and Percent WI Owners:**

GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**Lease 3.h** #2261900

**Lease Serial No.:**

FEE LEASE

**Lease Date:**

September 18, 2015

**Lease Term:**

3 years

**Lessor:**

Ryan Moore as Trustee of the Ryan Moore SSMTT Nonexempt Trust as revised and restated on December 22, 2008

**Present Lessee:**

GMT Exploration Company, LLC

**Description of Land Committed:**

Township 24 South, Range 34 East, N.M.P.M  
SW1/4SW1/4 Section 22

**Number of Acres:**

1.111111

**Royalty Rate:**

25.000%

**Name and Percent ORRI Owners:**

NONE

**Name and Percent WI Owners:**

GMT Exploration Company, LLC: 100.000000%

Lease contains a provision authorizing pooling in accordance with the acreage requirement of the agreement.

**RECAPITULATION**

Tract No.	No. of Acres Committed	Percentage of Interest in Communitized Area
1	80.00	50.000000%
2	40.00	25.000000%
3	40.00	25.000000%
<b>Totals</b>	<b>160.00</b>	<b>100.000000%</b>

Production Summary Report API: 30-025-43408 RAIDER FEDERAL COM #101H Printed On: Friday, February 10 2023						
		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I
2018	[96434] RED HILLS;BONE SPRING, NORTH	Nov	11301	16183	116774	20
2018	[96434] RED HILLS;BONE SPRING, NORTH	Dec	17857	39342	42584	21
2019	[96434] RED HILLS;BONE SPRING, NORTH	Jan	8042	11245	16650	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	Feb	7888	11599	14023	28
2019	[96434] RED HILLS;BONE SPRING, NORTH	Mar	10250	15072	15594	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Apr	15013	38915	20450	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	May	14725	56869	21122	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Jun	11061	41842	15532	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	Jul	9403	35143	12841	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Aug	8162	31053	11030	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Sep	7585	28099	9509	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	Oct	6732	25367	8653	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Nov	6109	25503	8542	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	Dec	5985	19697	7576	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Jan	5639	17722	6679	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Feb	5110	16718	5950	29
2020	[96434] RED HILLS;BONE SPRING, NORTH	Mar	4984	16116	6838	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Apr	4765	17841	5738	30
2020	[96434] RED HILLS;BONE SPRING, NORTH	May	642	781	687	5

2020	[96434] RED HILLS;BONE SPRING, NORTH	Jun	5943	21773	7575	30
2020	[96434] RED HILLS;BONE SPRING, NORTH	Jul	4496	19185	5426	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Aug	4352	23189	5621	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Sep	3918	19089	4869	30
2020	[96434] RED HILLS;BONE SPRING, NORTH	Oct	4191	18887	5022	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Nov	3788	16144	4853	30
2020	[96434] RED HILLS;BONE SPRING, NORTH	Dec	3879	14906	5006	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Jan	3761	14079	5255	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Feb	3352	12781	4781	28
2021	[96434] RED HILLS;BONE SPRING, NORTH	Mar	4714	15263	4918	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Apr	3271	11959	8216	30
2021	[96434] RED HILLS;BONE SPRING, NORTH	May	4531	7711	4505	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Jun	3329	14504	4509	30
2021	[96434] RED HILLS;BONE SPRING, NORTH	Jul	3085	9470	5627	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Aug	2127	7681	4430	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Sep	116	229	10047	30
2021	[96434] RED HILLS;BONE SPRING, NORTH	Oct	987	1228	12939	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Nov	711	5579	13612	30
2021	[96434] RED HILLS;BONE SPRING, NORTH	Dec	1650	6542	15906	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Jan	1924	8440	13492	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Feb	1380	8711	9615	28
2022	[96434] RED HILLS;BONE SPRING, NORTH	Mar	1679	8312	8916	31

2022	[96434] RED HILLS;BONE SPRING, NORTH	Apr	1859	9380	8237	30
2022	[96434] RED HILLS;BONE SPRING, NORTH	May	1917	11283	7063	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Jun	2028	5977	6485	30
2022	[96434] RED HILLS;BONE SPRING, NORTH	Jul	1802	6904	5588	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Aug	1946	14208	5894	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Sep	2106	15626	4754	30
2022	[96434] RED HILLS;BONE SPRING, NORTH	Oct	2108	18098	5542	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Nov	2183	8458	5333	30

Production Summary Report API: 30-025-42999 ROMEO FEDERAL COM #001H Printed On: Friday, February 10 2023						
		Production				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I
2017	[96434] RED HILLS;BONE SPRING, NORTH	Aug	31029	31878	112604	30
2017	[96434] RED HILLS;BONE SPRING, NORTH	Sep	20090	23592	42716	30
2017	[96434] RED HILLS;BONE SPRING, NORTH	Oct	16083	21330	58937	28
2017	[96434] RED HILLS;BONE SPRING, NORTH	Nov	19500	26357	38979	30
2017	[96434] RED HILLS;BONE SPRING, NORTH	Dec	13995	22695	26399	27
2018	[96434] RED HILLS;BONE SPRING, NORTH	Jan	11905	15567	18851	26
2018	[96434] RED HILLS;BONE SPRING, NORTH	Feb	9459	16772	20682	28
2018	[96434] RED HILLS;BONE SPRING, NORTH	Mar	10107	18022	19727	31
2018	[96434] RED HILLS;BONE SPRING, NORTH	Apr	8068	13155	15224	30
2018	[96434] RED HILLS;BONE SPRING, NORTH	May	7585	12005	13230	31
2018	[96434] RED HILLS;BONE SPRING, NORTH	Jun	4284	7050	6901	17
2018	[96434] RED HILLS;BONE SPRING, NORTH	Jul	8541	14012	13833	30
2018	[96434] RED HILLS;BONE SPRING, NORTH	Aug	8270	17971	14616	31
2018	[96434] RED HILLS;BONE SPRING, NORTH	Sep	5051	6567	6904	14
2018	[96434] RED HILLS;BONE SPRING, NORTH	Oct	8174	29539	15071	31
2018	[96434] RED HILLS;BONE SPRING, NORTH	Nov	7087	20787	12068	30
2018	[96434] RED HILLS;BONE SPRING, NORTH	Dec	6375	13897	9955	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Jan	6248	13483	9845	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Feb	5009	11322	7797	28

2019	[96434] RED HILLS;BONE SPRING, NORTH	Mar	5491	11580	8046	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Apr	4646	9769	7670	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	May	5324	11716	9144	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Jun	4874	10016	8186	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	Jul	4732	8792	7187	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Aug	4832	11225	7952	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Sep	4308	9252	6899	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	Oct	4477	10932	6469	31
2019	[96434] RED HILLS;BONE SPRING, NORTH	Nov	4396	1759	6150	30
2019	[96434] RED HILLS;BONE SPRING, NORTH	Dec	4106	1790	5960	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Jan	4404	1994	5935	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Feb	4136	2756	7722	29
2020	[96434] RED HILLS;BONE SPRING, NORTH	Mar	4262	5888	7196	31
2020	[96434] RED HILLS;BONE SPRING, NORTH	Apr	4051	9613	6229	30
2020	[96434] RED HILLS;BONE SPRING, NORTH	May	3656	8900	5419	27
2020	[96434] RED HILLS;BONE SPRING, NORTH	Jun	2291	5442	3181	18
2020	[96434] RED HILLS;BONE SPRING, NORTH	Jul	0	0	0	0
2020	[96434] RED HILLS;BONE SPRING, NORTH	Aug	3468	4282	2815	24
2020	[96434] RED HILLS;BONE SPRING, NORTH	Sep	2687	4716	3120	23
2020	[96434] RED HILLS;BONE SPRING, NORTH	Oct	2260	2409	2346	24
2020	[96434] RED HILLS;BONE SPRING, NORTH	Nov	4397	6115	7027	30
2020	[96434] RED HILLS;BONE SPRING, NORTH	Dec	4119	6195	7049	31

2021	[96434] RED HILLS;BONE SPRING, NORTH	Jan	3513	6001	6100	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Feb	3371	5244	5466	28
2021	[96434] RED HILLS;BONE SPRING, NORTH	Mar	2744	5798	7066	30
2021	[96434] RED HILLS;BONE SPRING, NORTH	Apr	252	337	7706	11
2021	[96434] RED HILLS;BONE SPRING, NORTH	May	3241	4205	25111	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Jun	3772	4900	11824	30
2021	[96434] RED HILLS;BONE SPRING, NORTH	Jul	2728	4969	11551	31
2021	[96434] RED HILLS;BONE SPRING, NORTH	Aug	1431	2194	4486	21
2021	[96434] RED HILLS;BONE SPRING, NORTH	Sep	1606	297	4621	13
2021	[96434] RED HILLS;BONE SPRING, NORTH	Oct	1322	137	4012	17
2021	[96434] RED HILLS;BONE SPRING, NORTH	Nov	288	46	7803	25
2021	[96434] RED HILLS;BONE SPRING, NORTH	Dec	305	133	6155	27
2022	[96434] RED HILLS;BONE SPRING, NORTH	Jan	156	76	4587	24
2022	[96434] RED HILLS;BONE SPRING, NORTH	Feb	604	109	3754	26
2022	[96434] RED HILLS;BONE SPRING, NORTH	Mar	702	46	1237	19
2022	[96434] RED HILLS;BONE SPRING, NORTH	Apr	57	83	639	12
2022	[96434] RED HILLS;BONE SPRING, NORTH	May	804	1164	2200	13
2022	[96434] RED HILLS;BONE SPRING, NORTH	Jun	2033	9250	5249	30
2022	[96434] RED HILLS;BONE SPRING, NORTH	Jul	2553	11138	5099	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Aug	2348	2265	5777	31
2022	[96434] RED HILLS;BONE SPRING, NORTH	Sep	1724	0	3387	26
2022	[96434] RED HILLS;BONE SPRING, NORTH	Oct	2616	50	5795	29



2022	[96434] RED HILLS;BONE SPRING, NORTH	Nov	2139	0	5564	29
------	--------------------------------------	-----	------	---	------	----

**Raider Fed Com 101H and Romeo Fed Com 1H Notice List**

Name	Addresss	Certified Mail Number
Aquinnah Resources, LLC	110 W Lousiana Street, Suite 404 Midland, TX 79701	7022 0410 0001 7989 5920
Bureau of Land Management	Bureau of Land Management Carlsbad Field Office 620 E. Greene Street Carlsbad, NM 88220	Via AFMSS Sundry
Centennial Resource Prod, LLC	1001 17th Street, Suite 1800 Denver, CO 80202	Self
MRC Permian Company Attn: David Johns	5400 LBJ Freeway, Suite 1500 Dallas, TX 75240	7022 0410 0001 7989 5944
New Mexico Oil Conservation Division Attn: Mr. Dean McClure	1220 South St. Francis Drive Santa Fe, NM 87505	Via OCD Online
OXY USA, Inc. Attn: Courtney Carr	5 Greenway Plaza, Suite 110 Houston, TX 77046	7022 0410 0001 7989 5937

**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  
January 22, 2023  
and ending with the issue dated  
January 22, 2023.



Publisher

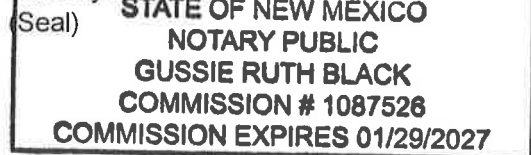
Sworn and subscribed to before me this  
22nd day of January 2023.



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**  
**January 22, 2023**

Centennial Resource Production, LLC is applying to surface commingle two wells to a central tank battery in Lea County, New Mexico. The central tank battery will be located at the Raider Federal Com 101 H pad. The two wells, details and locations are the following:

Raider Federal Com 101H located in the northeast quarter of section 21, T24S, R34E, Lot A, 400 FNL & 660 FEL.

Romeo Federal Com 1H located in the northwest quarter of section 22, T24S, R34E, Lot D, 400 FNL & 660 FWL.

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, Centennial Resource Production, LLC, 1001 17th Street, Suite 1800, Denver, CO 80202. Phone number is 720-499-1522.

#00275110

67117609

00275110

KATIE BIERSMITH  
PERMIAN RESOURCES  
1001 17th Street  
Suite 1800  
Denver, CO 80202

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
RAIDER FEDERAL	101H	3002543408	NMNM126971	NMNM139580	CENTENNIAL
ROMEO FEDERAL	1H	3002542999	NMNM77090	NMNM137411	CENTENNIAL

Notice of Intent

Sundry ID: 2717281

Type of Submission: Notice of Intent

Date Sundry Submitted: 02/22/2023

Date proposed operation will begin: 11/01/2022

Type of Action: Commingling (Surface)

Time Sundry Submitted: 03:35

**Procedure Description:** Centennial Resource Production, LLC requests to lease commingle the Raider Federal Com 101H and Romeo Federal Com 1H wells into a central tank battery. Please see attached application for details.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

SUB\_BLM\_Raider\_21\_Battery\_Comingling\_Application\_20230222153453.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature:** KATIE BIERSMITH

**Signed on:** FEB 22, 2023 03:35 PM

**Name:** CENTENNIAL RESOURCE PRODUCTION LLC

**Title:** Regulatory Specialist

**Street Address:** 1001 17th Street, Suite 1800

**City:** Denver**State:** CO

**Phone:** (720) 499-1522

**Email address:** Katie.Biersmith@cdevinc.com

Field

**Representative Name:**

**Street Address:**

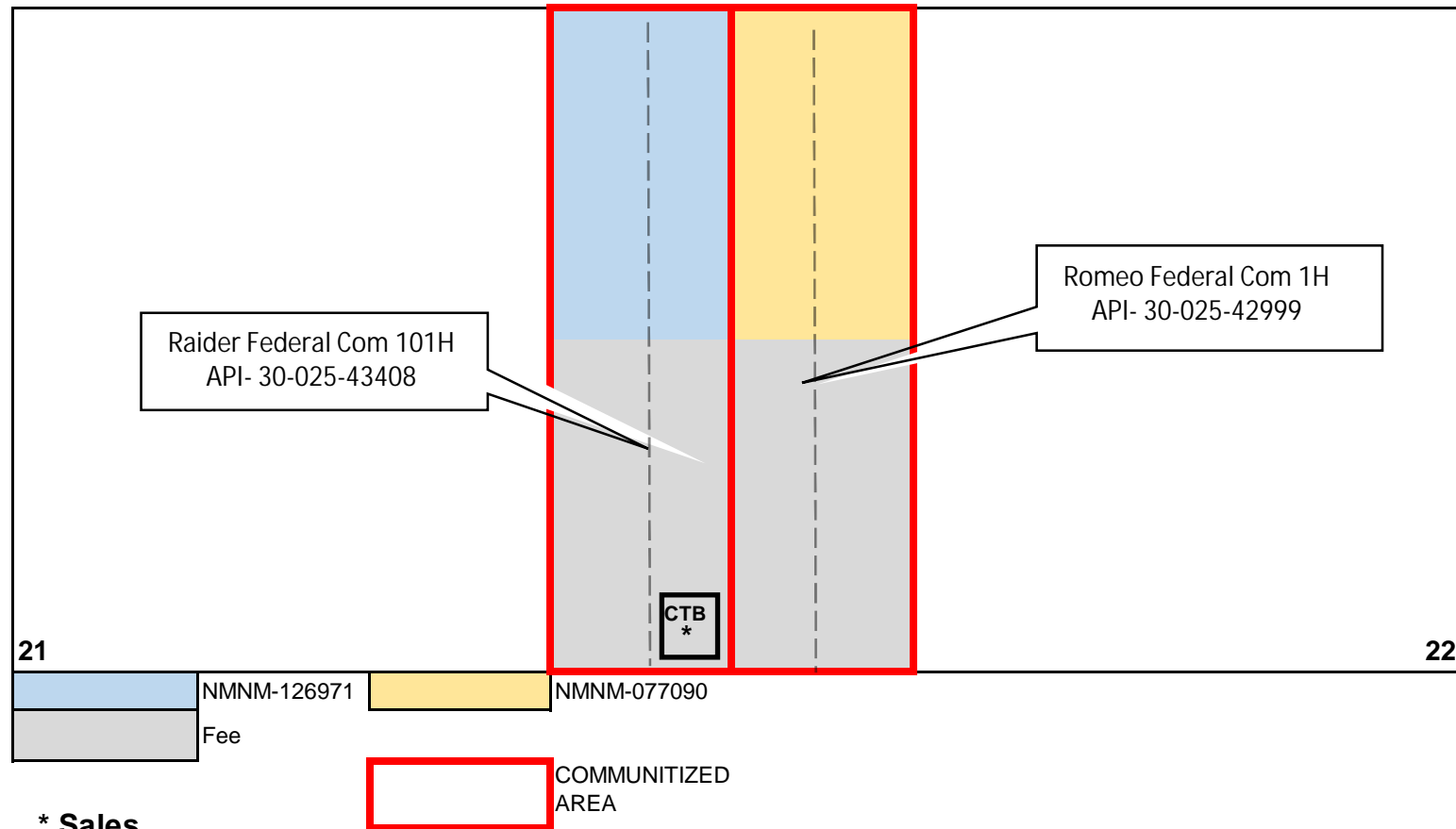
**City:****State:****Zip:**

**Phone:**

**Email address:**

## Raider- Romeo Commingling Lease Map

To Commingling Agreement embracing E/2E/2 of Section 21 and the W/2W/2 Section 22 Township 24 South, Range 34 East, N.M.P.M, Lea County, New Mexico



**From:** [Kanicia Schlichting](#)  
**To:** [Clelland, Sarah, EMNRD](#)  
**Subject:** [EXTERNAL] RE: -EXTERNAL- RE: Action ID 189525 CTB-1166  
**Date:** Tuesday, October 28, 2025 10:38:00 AM  
**Attachments:** [image001.png](#)  
[Page 5 from Raider 21 Battery 1 SUB CTB1165.pdf](#)

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

Hi Sarah,

I added the information to the map that was attached to the original application.

Can I send in an amendment to PLC-718 to correct the Romeo well and to add additional wells to the commingle permit?

Thanks



**Kanicia Schlichting** | Regulatory Specialist  
O 432.400.0185 | M 432-232-2875 | [kanicia.schlichting@permianres.com](mailto:kanicia.schlichting@permianres.com)  
300 N Marienfeld St., Suite 1000 | Midland, TX 79701  
[permianres.com](http://permianres.com)

---

**From:** Clelland, Sarah, EMNRD <[Sarah.Clelland@emnrd.nm.gov](mailto:Sarah.Clelland@emnrd.nm.gov)>  
**Sent:** Friday, October 24, 2025 2:39 PM  
**To:** Kanicia Schlichting <[Kanicia.Schlichting@permianres.com](mailto:Kanicia.Schlichting@permianres.com)>; Cassie Evans <[Cassie.Evans@permianres.com](mailto:Cassie.Evans@permianres.com)>  
**Subject:** -EXTERNAL- RE: Action ID 189525 CTB-1166

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

Please see below.

Thanks,

*Sarah Clelland*

**Petroleum Specialist**  
State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
Cell: (505) 537-0627  
[Sarah.Clelland@emnrd.nm.gov](mailto:Sarah.Clelland@emnrd.nm.gov)

---

**From:** Clelland, Sarah, EMNRD  
**Sent:** Friday, October 24, 2025 1:35 PM  
**To:** Kanicia Schlichting <[kanicia.schlichting@permianres.com](mailto:kanicia.schlichting@permianres.com)>  
**Subject:** Action ID 189525 CTB-1166



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

The Division is reviewing the following application:

<b>Action ID</b>	<b>189525</b>
<b>Admin No.</b>	CTB-1165
<b>Applicant</b>	Permian Resources Operating, LLC
<b>Title</b>	Raider 21 Battery 1
<b>Sub. Date</b>	02/22/2023

Please provide the following additional supplemental documents:

- 

Please provide additional information regarding the following:

- Please verify the quarter/quarter with section, township and range of where the CTB is located as well as the gas sales meter
- API 30-025-42999 shows being commingled at the Romeo Federal Com CTB. Is this Permit PLC-718 still in use? (Will need to amend this commingle)

Additional notes:

- In the future, please ensure that the CTB and Gas Sales Meter are clearly marked on the lease map and are clearly detailed in the summary of the project.

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

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

### **COMMENT**

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

Please contact the Environmental Bureau at [OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov) for instructions regarding the submittal process for applications of this type.

Thanks,

*Sarah Clelland*

**Petroleum Specialist**

State of New Mexico

Energy, Minerals, and Natural Resources Department

Oil Conservation Division

Cell: (505) 537-0627

[Sarah.Clelland@emnrd.nm.gov](mailto:Sarah.Clelland@emnrd.nm.gov)

**CAUTION:** This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

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

**APPLICATION FOR SURFACE COMMINGLING**

**SUBMITTED BY PERMIAN RESOURCES OPERATING,  
LLC**

**ORDER NO. CTB-1166**

**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.

**CONCLUSIONS OF LAW**

5. 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.
6. 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.
7. 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.
8. 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.

9. 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.
10. 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. 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-718.
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-1166**

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

Central Tank Battery: **Raider 21 Battery 1**

Central Tank Battery Location: **UL P, Section 21, Township 24 South, Range 34 East**

Gas Title Transfer Meter Location: **UL P, Section 21, Township 24 South, Range 34 East**

### Pools

Pool Name	Pool Code
<b>RED HILLS;BONE SPRING, NORTH</b>	<b>96434</b>

### Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
<b>FEE Lease A</b>	<b>E2SE</b>	<b>21-24S-34E</b>
<b>FEE Lease B</b>	<b>W2SW</b>	<b>22-24S-34E</b>
<b>CA Bone Spring NMNM 105482440 (137411)</b>	<b>W2W2</b>	<b>22-24S-34E</b>
<b>CA Bone Spring NMNM 105693555 (139580)</b>	<b>E2E2</b>	<b>21-24S-34E</b>

### Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
<b>30-025-43408</b>	<b>RAIDER FEDERAL COM #101H</b>	<b>E2E2</b>	<b>21-24S-34E</b>	<b>96434</b>
<b>30-025-42999</b>	<b>ROMEO FEDERAL COM #001H</b>	<b>W2W2</b>	<b>22-24S-34E</b>	<b>96434</b>



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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 189525

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 189525
	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 <a href="mailto:OCD.Engineer@emnrd.nm.gov">OCD.Engineer@emnrd.nm.gov</a> .	11/10/2025