



September 28, 2021

Oil Conservation Division
Attn: Dean McClure
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: Application for Surface Commingle:

| | |
|----------------------------|----------------------------|
| Raider Fed Com 502H | Raider Fed Com 701H |
| API# 30-025-46300 | API# 30-025-46427 |
| Sec 21, T24S, R34E, Unit P | Sec 21, T24S, R34E, Unit O |
| 300' FSL & 1040' FEL | 300' FSL & 1730' FEL |
| Red Hills; Bone Spring | Antelope Ridge; Wolfcamp |
| Lea County, New Mexico | Lea County, New Mexico |

Dean McClure,

Centennial Resource Production, LLC respectfully requests approval to Surface commingle our Raider Fed Com 502H and 701H wells into a central tank battery and a Pool commingle. They both have their own separators. Please see the attached detailed description.

I have attached a facility diagram, C102's, Map, C107B, Admin checklist and notice info. If you need additional information, please give me a call at 720-499-1537.

Sincerely,

A handwritten signature in blue ink, appearing to read "K. Schlichting".

Kanicia Schlichting
Sr. Regulatory Analyst
Kanicia.schlichting@cdevinc.com

Centennial Resource Production, LLC | 1001 Seventeenth Street, Suite 1800, Denver, Colorado 80202

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

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

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL

☐ NSP (PROJECT AREA)

☐ NSP (PRORATION UNIT)

☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC

☐ CTB

☐ PLC

☐ PC

☐ OLS

☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX

☐ PMX

☐ SWD

☐ IPI

☐ EOR

☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

A. ☐ Offset operators or lease holders

B. ☐ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☐ Notification and/or concurrent approval by SLO

E. ☐ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☐ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

FOR OCD ONLY

☐

Notice Complete

☐

Application
Content
Complete

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

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

Print or Type Name

Date

Phone Number

Signature

e-mail Address

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

Form C-107-B
Revised August 1, 2011

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: Centennial Resource Production, LLC
OPERATOR ADDRESS: 1001 17th 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 |
|-------------------------------|--|---|--|---|---------|
| Red Hills; Bone Spring 96434 | | | | | |
| Antelope Ridge; Wolfcamp 2220 | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

- (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 96434, Antelope Ridge; Wolfcamp 2220
(2) Is all production from same source of supply? ☒ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

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

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

SIGNATURE: K. Schlichting TITLE: Sr. Regulatory Analyst DATE: 9/27/21
TYPE OR PRINT NAME Kanicia Schlichting TELEPHONE NO.: 720-499-1537
E-MAIL ADDRESS: kanicia.schlichting@cdevinc.com

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

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

GENERAL INFORMATION:

| | API | WELL NAME | WELL # | LOCATION | POOL CODE/NAME | LEASE/CA NUMBER | PRODUCTION TYPE | FEDERAL ROYALTY RATE |
|---|--------------|-----------------------|--------|------------|--|--------------------------|-----------------|----------------------|
| 1 | 30-025-46300 | RAIDER FEDERAL COM | 502H | 21-24S-34E | [96434] Red Hills; Bone Spring, North | NMNM126971 CA Pending | Oil & Gas | 12.5% |
| 2 | 30-025-46427 | RAIDER FEDERAL COM | 701H | 21-24S-34E | [2220] Antelope Ridge; Wolfcamp | NMNM126971 CA Pending | Oil & Gas | 12.5% |

This commingling will follow under the following section of 43 CFR 3173.14 (a)(1)(iii) they are applying for approval under:

(1) The proposed commingling includes production from more than one:

(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. (For example, the BLM could approve a commingling request under this paragraph where an operator proposes to commingle two Federal CAs of mixed ownership and both CAs are 50 percent Federal/50 percent private, so long as the Federal interests have the same royalty rates and royalty distributions.); or

In addition to the Sundry Notice (Form 3160-5), the operator must submit the following information with the sundry.

A statement that the CAA will not negatively affect the royalty revenue of the federal government: **Centennial Resource Production, LLC statement: Application to commingle production from the Raider Federal Com #701H and the Raider Federal Com #502H. 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 interest owned by the federal government in each of these wells is identical. The approval of this application will also provide for reduced surface disturbance in this development area.**

1. A list of all Federal or Indian lease, unit PA, or CA numbers in the proposed Commingling and Allocation Approval (CAA). This list should include:
 - a. The specific type of production (oil, gas, or both)
 - b. The royalty rates of the individual leases, unit PAs, or Cas: **Please see table at the top of this page, plus detailed page attached.**
 - i. Please include a printout of the MASS Serial Register Page: **Attached**
2. A proposed allocation agreement (including allocation of produced water) that includes:
 - a. An allocation methodology: **Attached**
 - b. An example of how the methodology is applied (multiple examples may be included to ensure clarity): **Attached**
 - i. Include a step-by-step explanation for all data and calculations used in the applied methodology example (this can be a part of 3(a))
 - c. A statement that any allocation meters (non-FMPs) will meet either FMP regulations or API measurement standards: **Centennial Resource Production, LLC statement: Our meters will meet API Standard 14.3/AGA Report No 3 or Onshore API standard 18.2.**
 - i. Please include relevant regulation or standard numbers
 - d. A copy of the agreement signed by each operator of each of the leases, unit PAs, or CAs from which production would be included in the CAA (if more than one operator is involved): **N/A**

3. A topographic map of appropriate scale (multiple maps may be included to ensure clarity) that includes: **Attached**
 - a. The boundaries of all the leases, unit PAs, or CAs that are proposed for the CAA
 - b. The location of all existing or planned facilities
 - c. The location of all wells (including API numbers) that are in the proposed CAA
 - d. Any piping that will be included in the CAA
 - e. The location of all existing or proposed FMPs
4. A statement that all leases, unit PAs, or CAs in the proposed CAA are capable of production in paying quantities and documentation to prove the statement.
 - a. "Production in paying quantities" is defined as 1bbl/day of oil or 10 Mcf/day of gas
 - i. A three consecutive day well test can be used to prove production in paying quantities:
Centennial Resource Production, LLC statement: The CAs in the proposed CAA are capable of production in paying quantities.
5. Gas analysis (not required if the operator is applying for a CAA under 3173.14(a)(1)) that includes: **Attached**
 - a. Btu content : **Attached**
 - b. All oil gravities: **Attached**
6. A statement on whether the location of the FMP is on lease or off lease. If the FMP is off lease, the operator must submit: **Centennial Resource Production, LLC statement: Raider Fed Com 701H FMP is off lease.**
 - a. A justification for off lease measurement (OLM): **Centennial Resource Production, LLC statement: We are requesting OLM for our Raider Fed Com 701H because the FMP is off the 502H's CA. The facility is located at the Raider Federal Com 502H. There will be no additional surface disturbance.**
7. A statement on whether any new surface disturbance is included as part of the proposed CAA (proposed FMP, associated facilities, etc.). If new surface disturbance is part of the proposal, a surface disturbance sundry must be submitted with a surface use plan of operations
8. Any additional documentation that would be required under 3174.15 (f—i) relating to surface use or right of way grant applications

If an operator submits a sundry that does not include any of the required information, the sundry will be returned. Due to system limitations, documentation cannot be added after the sundry has been submitted.

Any of the information in this guide is subject to change based on guidance from the BLM National Office, BLM New Mexico State Office, or other factors.

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

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

GENERAL INFORMATION:

- Federal lease NMNM-126971 covers 240 acres, including the NE/4, W/2 SE/4 of Section 21, T24S-R34E, Lea County, New Mexico and has a base lease royalty of 12.5%.
- The W/2 E/2 from NMNM-126971 and the State of New Mexico lease VB-1179 in the W/2 E/2 of Section 16-24S-34E will be communitized for the Bone Spring formation for the Raider Federal Com #502H. A Fed form of communitization will be submitted to the Bureau of Land Management for approval.
- The W/2 E/2 from NMNM-126971 and the State of New Mexico lease VB-1179 in the W/2 E/2 of Section 16-24S-34E will be communitized for the Wolfcamp formation for the Raider Federal Com #701H. A Fed form of communitization will be submitted to the Bureau of Land Management for approval.
- The central tank battery to service the subject wells is located on Lot P of Section 21-24S-34E on fee surface.
- Federal ownership in the two overlapping spacing units is identical.
- Enclosed herewith is a map that displays the leases, the location of the subject wells, and the CTB, and the serial register page for NMNM-126971.

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

| Well Name | Oil Meter | Theoretical % of Production | Allocated Well Production | Available Sales | Theoretical % Available for Sale | Allocated Sales | Beginning Inventory | Ending Inventory |
|---------------------|-----------|-----------------------------|---------------------------|-----------------|----------------------------------|-----------------|---------------------|------------------|
| Raider Fed Com 502H | 126.73 | 0.5589 | 127.848 | 428.498 | 0.727834 | 247.4637 | 300.65 | 149.52 |
| Raider Fed Com 701H | 100.00 | 0.4411 | 100.882 | 160.232 | 0.272166 | 92.53633 | 59.35 | 99.21 |
| Facility Totals | 226.73 | 1.00 | 229 | 588.730 | 1 | 340 | 360 | 248.73 |

| | |
|--------------------------|--------|
| CTB Allocated Production | 228.73 |
| CTB Available for Sale | 588.73 |
| Pipeline LACT (FMP) | 340 |
| Beginning Inventory | 360 |
| Ending Inventory | 248.73 |

| | |
|---|---|
| Oil Meter | Measures volume of oil from the separator on each individual well used as basis for prorating CTB Allocated Production and Ending Tank Inventory to each well |
| Theoretical % of Production | Theoretical % is calculated by dividing Oil Meter volume for each well into sum of oil meters from the CTB |
| Allocated Well Production | Volume of CTB Allocated Production to each well, Theoretical % * CTB Allocated Production |
| Available Sales | Volume of CTB Available for Sale oil allocated to each well, (Allocated Well Production + Beginning Tank Inventory) |
| Theoretical % Available for Sale | Allocation % of available sales for each well, Available Sales / CTB available for sale |
| Allocated Sales | Pipeline LACT (FMP) allocated to each well based on theoretical % of available for sale |
| Beginning Inventory | Inventory from previous accounting period's calculate ending inventories |
| Ending Inventory | Theoretical % of production multiplied by combined volume from the oil tanks at CTB for each well. |

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

| Well Name | WH Meter ID | Wellhead Meter Readings | Gas Lift Meter ID | Gas Lift Meter Readings | Net Well Production | Hours On | Theoretical % | CTB FC Meter (Royalty FMP) | HP Flare | Lease Use | VRU | Allocated Production | Total Net FMP Volumes |
|---------------------|-------------|-------------------------|-------------------|-------------------------|---------------------|----------|---------------|----------------------------|----------|-----------|-------|----------------------|-----------------------|
| Raider Fed Com 502H | XXXXXXXX | 614.44 | XXXXXXX | 486.00 | 128.440 | 24 | 0.331 | 306.65 | 3.31 | 0.50 | 5.59 | 316.054201 | |
| Raider Fed Com 701H | XXXXXXXX | 259.12 | XXXXXXX | 0.00 | 259.120 | 24 | 0.669 | 618.65 | 6.69 | 0.50 | 4.41 | 630.245799 | |
| Facility Totals | | 873.56 | | 486.00 | 387.560 | 48 | 1.000 | 925.30 | 10.00 | 1.00 | 10.00 | 946.3 | 935.30 |

| CTB Meter Name | Meter ID | Meter Readings |
|-----------------------|----------|----------------|
| FC Meter (FMP) | XXXXXXXX | 925.3 |
| BB Meter (FMP) | XXXXXXXX | 0 |
| HP Flare Meter | XXXXXXXX | 10 |
| VRU | XXXXXXXX | 10 |
| Lease Use Equipment | XXXXXXXX | 1.0 |
| GL Compressor | XXXXXXXX | 486.00 |
| Allocated Production | | 946.3 |
| Total Net FMP Volumes | | 935.3 |

| | |
|----------------------------|---|
| WH Meter ID | Unique number assigned to each meter used in measurement of gas from CTB |
| Wellhead Meter Readings | Measure the gas from the seapartor on each individual well |
| Gas Lift Meter ID | Unique number assigned to each meter used in measurement of gas from CTB |
| Gas Lift Meter Readings | Measures the volume of gas that was injected into the well for gas lift |
| Net Well Production | Formula to calculate the volume of native gas the well produced (WH-GL) |
| Hours On | Number of hours well is producing, used in the allocation of Lease Use volume |
| Theoretical % | Allocation % calculated by Net Well Production for each well/total Net Well Production for CTB |
| CTB FC Meter (Royalty FMP) | Facility check meter, term used for meter that measures the volume of gas that leaves the CTB, considered the FMP of the CTB |
| HP Flare | Measures the high pressure flare volumes from CTB |
| Lease Use | Volume of gas used by the equipment on the CTB allocated to the wells by Lease Use volume/total hours produced by all wells on CTB * each well's Hours On |
| VRU | Measures the gas from the oil tanks, allocation based on allocated oil production for each well, VRU meter is an FMP, volume is part of royalty |
| Allocated Production | Total production from CTB calculated by Net CTB gas + HP Flare + Lease Use + VRU |
| Total Net FMP Volumes | Total volume sold by CTB calculated by Net CTB Gas + VRU |

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

| Well Name | Water Meter | Theoretical % of Production | Allocated Well Production | Available to Transfer | Theoretical % Available for Sale | Allocated Water Transfers | Beginning Inventory | Ending Inventory |
|---------------------|-------------|-----------------------------|---------------------------|-----------------------|----------------------------------|---------------------------|---------------------|------------------|
| Raider Fed Com 502H | 216.00 | 0.1776 | 216.00 | 222.50 | 0.1805 | 215.10 | 6.50 | 4.32 |
| Raider Fed Com 701H | 1,000.00 | 0.8224 | 1,000.00 | 1,010.20 | 0.8195 | 976.58 | 10.20 | 20.00 |
| Facility Totals: | 1,216.00 | 1.0000 | 1,216.00 | 1,232.70 | 1.0000 | 1,191.68 | 16.70 | 24.32 |

| | |
|----------------------------|----------|
| CTB Allocated Production | 1,199.30 |
| CTB Available for Transfer | 1,182.60 |
| Water Transfer Meter | 1,191.68 |
| Beginning Tank Inventory | 16.70 |
| Ending Tank Inventory | 24.32 |

| | |
|---|---|
| Water Meter | Measures volume of water from the separator on each individual well used as basis for prorating CTB Allocated Production and Ending Tank Inventory to each well |
| Theoretical % of Production | Theoretical % is calculated by dividing Water Meter volume for each well into sum of water meters from CTB |
| Allocated Well Production | Volume of CTB Allocated Production to each well, Theoretical % * CTB Allocated Production |
| Available to Transfer | Volume of CTB Available for Transfer, water allocated to each well (Allocated Well Production + Beginning Inventory) |
| Theoretical % Available for Sale | Allocation % of available transfer for each well, Available to Transfer / CTB Available for Transfer |
| Allocated Water Transfers | Water Transfer Meter allocated to each well based on theoretical % of available for transfer |
| Beginning Inventory | Inventory from previous accounting period's calculate ending inventories |
| Ending Inventory | Theoretical % of production multiplied by combined volume from the oil tanks at CTB for each well. |

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|---|
| ¹ API Number 30-025-46300 | ² Pool Code 96434 | ³ Pool Name Red Hills: Bone Spring, North |
| ⁴ Property Code 318010 | ⁵ Property Name RAIDER FEDERAL COM | ⁶ Well Number #502H |
| ⁷ OGRID No. 372165 | ⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC | ⁹ Elevation 3497.5' |

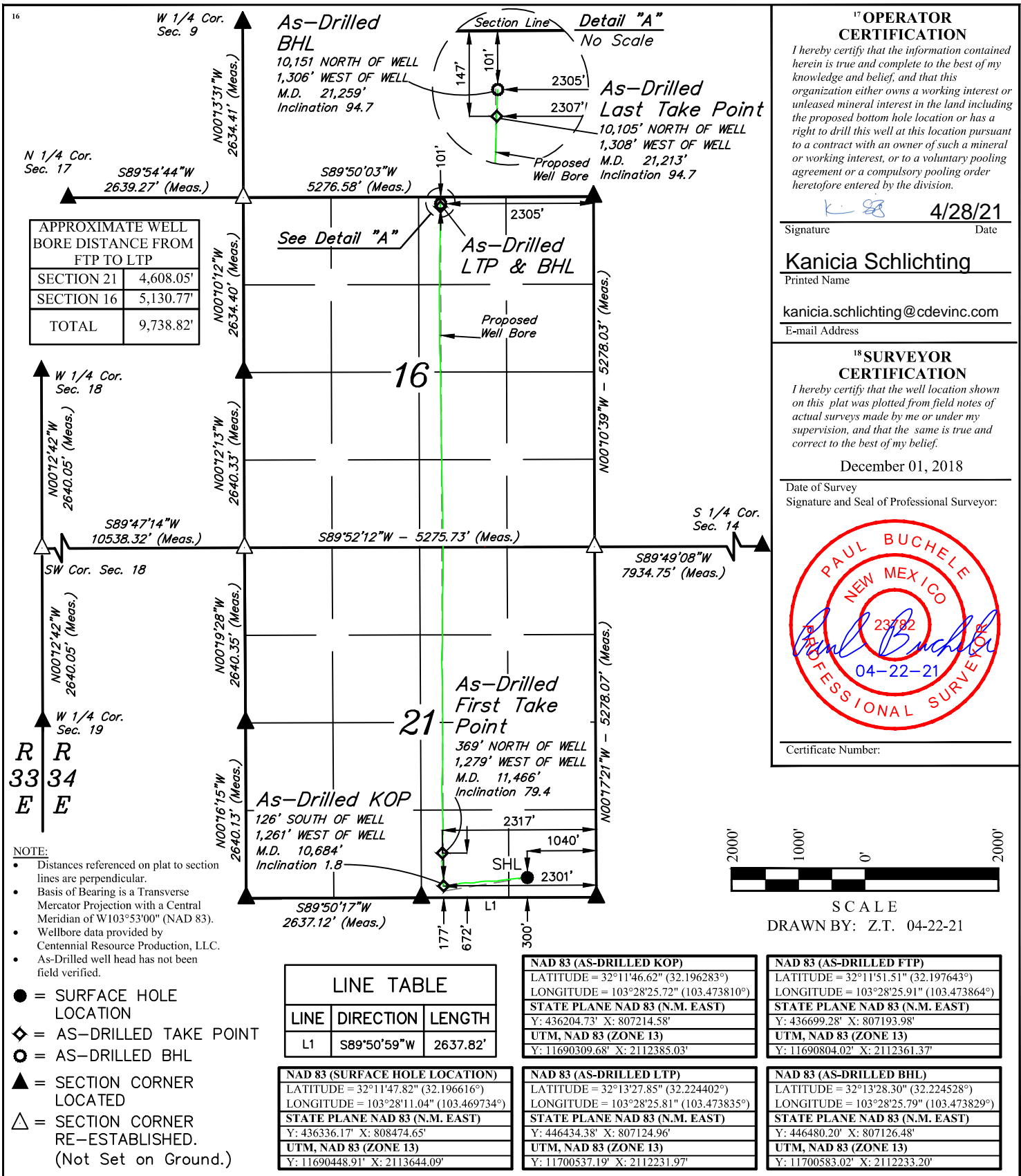
¹⁰Surface Location

| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. P | Section 21 | Township 24S | Range 34E | Lot Idn | Feet from the 300 | North/South line SOUTH | Feet from the 1040 | East/West line EAST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--------------------------------------|---------------|-------------------------------|--------------|----------------------------------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. B | Section 16 | Township 24S | Range 34E | Lot Idn | Feet from the 101 | North/South line NORTH | Feet from the 2305 | East/West line EAST | County LEA |
| ¹² Dedicated Acres 640 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

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



District I
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|---|---|--|
| ¹ API Number 30-025-46427 | ² Pool Code 2220 | ³ Pool Name Antelope Ridge; WC |
| ⁴ Property Code 318010 | ⁵ Property Name RAIDER FEDERAL COM | ⁶ Well Number #701H |
| ⁷ OGRID No. 372165 | ⁸ Operator Name CENTENNIAL RESOURCE PRODUCTION, LLC | ⁹ Elevation 3498.4' |

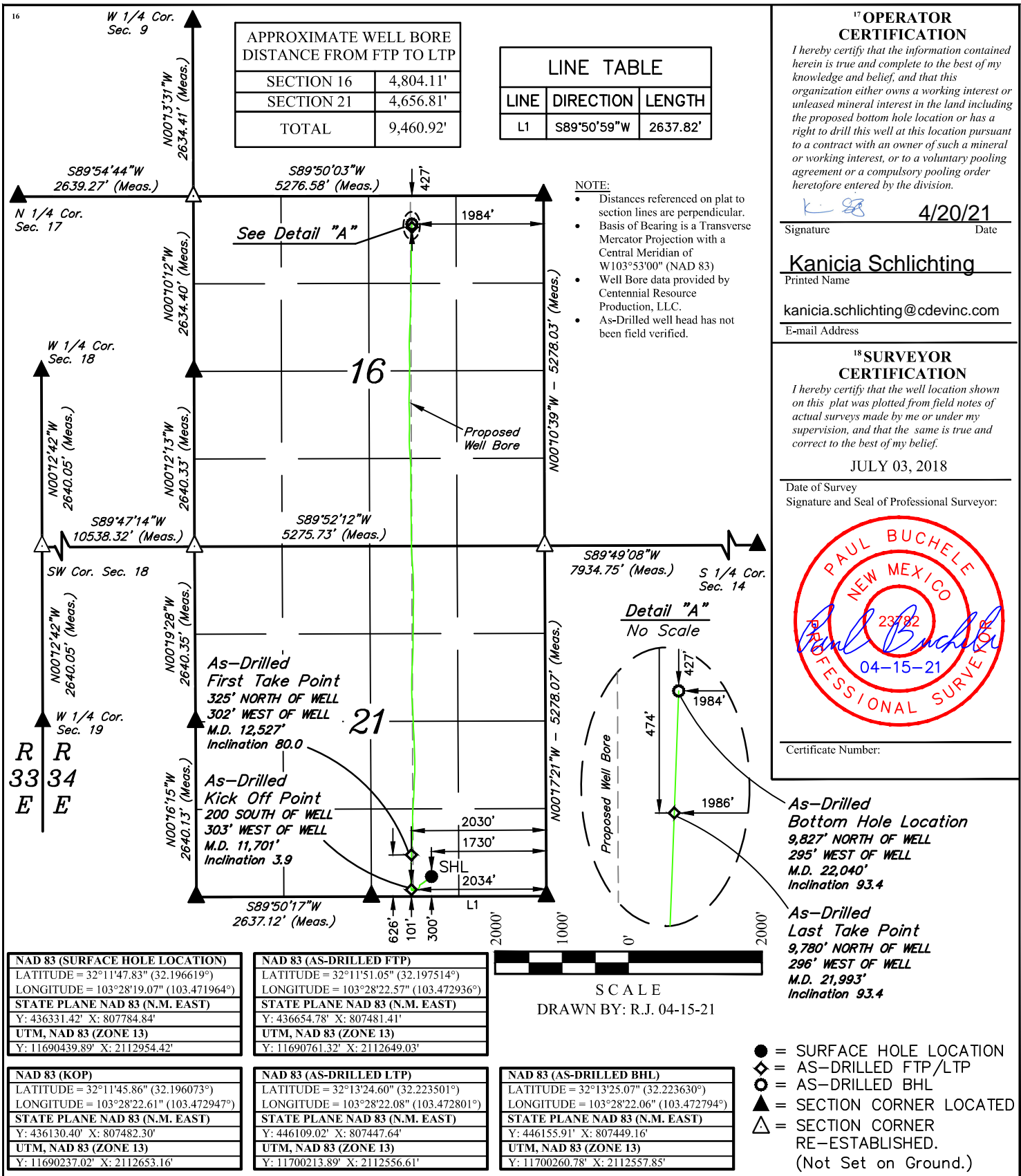
¹⁰Surface Location

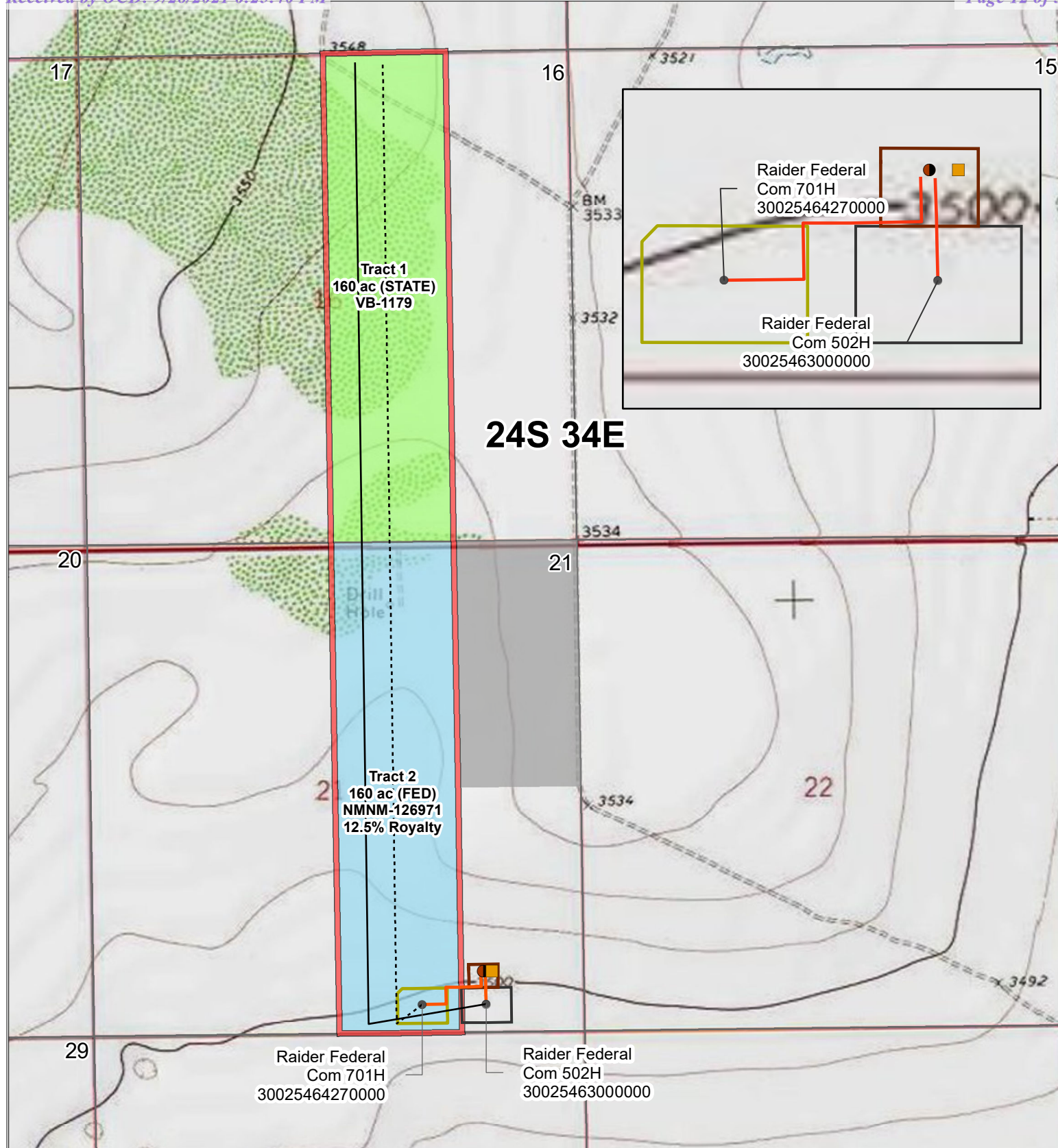
| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. O | Section 21 | Township 24S | Range 34E | Lot Idn | Feet from the 300 | North/South line SOUTH | Feet from the 1730 | East/West line EAST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--------------------------------------|---------------|-------------------------------|--------------|----------------------------------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. B | Section 16 | Township 24S | Range 34E | Lot Idn | Feet from the 427 | North/South line NORTH | Feet from the 1984 | East/West line EAST | County LEA |
| ¹² Dedicated Acres 320 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

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





- | | | | |
|-------------------------------------|------------------------------|---------------------------------|--------------------------------|
| — Raider Fed Com 502H Well Path | ● SHL Locations | ▭ Central Tank Battery Facility | ▭ Communitization Area |
| - - - Raider Fed Com 701H Well Path | ■ Raider Facility Battery | ▭ Raider Fed Com 502H Pad | ▭ Fed - NMNM-126971 |
| | ● Raider Facility Separators | ▭ Raider Fed Com 701H Pad | ▭ State - VB-1179 |
| | — Raider Facility Flowlines | | ▭ Fed - NMNM-126971 (E/2 NE/4) |



Raider Fed Com 502H / 701H Commingle Map

A: thomas.douglass

D: 3/4/2021

0 320 640 1,280
Feet





Serial Register Page

Feb 11, 2021

01 12-22-1987;101STAT1330;30USC181 ET SE

Case Type: O&g lse comp pd -1987

Serial Number: NMNM 126971

Commodity: Oil & 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/ |

Remarks

STIPULATIONS ATTACHED TO LEASE:

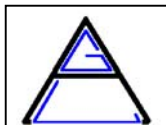
NM-11-LN SPECIAL CULTURAL RESOURCE

SENM-S-16 RAPTOR NESTS AND HERONRIES

SENM-S-22 PRAIRIE CHICKENS

RENTAL PAID 09/01/2011

RENTAL PAID PER ONRR 9/1/2017

**ARMSTRONG GAS LABS, INC.**

P.O. Box 988
 Monahans, Texas 79756
 (432) 943-8844 (FAX) 943-8855

GAS ANALYSIS REPORT

Analysis No.: 411044
 Customer: Centennial

| <u>Component</u> | <u>Mol. %</u> | (Ideal) <u>BTU</u> | (Ideal) <u>SG</u> | (Real) <u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen | 2.3496 | 0.000 | 0.023 | |
| Methane | 74.1056 | 746.124 | 0.410 | |
| CO2 | 2.7692 | 0.000 | 0.042 | |
| Ethane | 11.2656 | 198.743 | 0.117 | 3.007 |
| H2S | 0.0001 | 0.000 | 0.000 | |
| Propane | 5.7297 | 143.714 | 0.087 | 1.576 |
| Iso-Butane | 0.7147 | 23.169 | 0.014 | 0.233 |
| Butane | 1.5848 | 51.539 | 0.032 | 0.499 |
| Iso-Pentane | 0.3976 | 15.858 | 0.010 | 0.145 |
| Pentane | 0.3791 | 15.149 | 0.009 | 0.137 |
| Hexanes C6+ | 0.7040 | 35.997 | 0.023 | 0.307 |
| Hydrogen | N/A | | | |
| Helium | N/A | | | |
| Oxygen | N/A | | | |
| CO | N/A | | | |
| Totals | 100.0000 | 1230.292 | 0.768 | 5.904 |

Producer: Centennial
Well / Sta. Name: Raider 502H FedCom
Sta. No.: 24370
Formation:
Field: New Mexico
County:
API Number: 3002546300

Spot / Composite: SP
 Date / Time On:
 Date / Time Off: 05/06/21
 Date to Lab: 05/06/21
 Date Analyzed: 05/07/21
 Effective Date:

Sample Press. (PSIG): 112
 Line Press. (PSIG): 112
 Sample Temp. (F): 101
 Fl. Gas Temp. (F): 101
 Amb. Temp. (F): 60

Del. To:
 Sampled By: JL
 Cylinder No.: AGL-220

Field H2O (#/mm):**Field H2S (PPM):** 0.5

Field H2S (Grains): 0.03

Pressure Base: 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9962324

Z Factor (Act.): 0.9962324

Dry BTU w/ H2S: 1234.95

Sat BTU w/ H2S: 1213.81

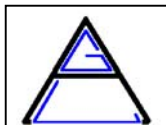
As Del. BTU w/ H2S: 1234.95

Dry BTU W/O H2S (Real): 1234.95**Sat. BTU W/O H2S (Real):** 1213.81**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1234.95*BTU Calc: Dry***Sp. Gravity (Real):** 0.7702

Field Gravity:

Lab Gravitometer:

GPM Ethane+ (Real): 5.904**GPM Propane+ (Real):** 2.897**GPM IC5+ (Real):** 0.589**Fld. Remarks:** FLOW RATE 2173.14 / INITIAL FLOW**Lab Remarks:**

**ARMSTRONG GAS LABS, INC.**

P.O. Box 988
 Monahans, Texas 79756
 (432) 943-8844 (FAX) 943-8855

GAS ANALYSIS REPORT

Analysis No.: 311476
 Customer: Centennial

| <u>Component</u> | <u>Mol. %</u> | (Ideal) <u>BTU</u> | (Ideal) <u>SG</u> | (Real) <u>GPM</u> |
|------------------|---------------|-----------------------|----------------------|----------------------|
| Nitrogen | 1.4247 | 0.000 | 0.014 | |
| Methane | 76.5041 | 770.273 | 0.424 | |
| CO2 | 0.1365 | 0.000 | 0.002 | |
| Ethane | 12.5324 | 221.092 | 0.130 | 3.345 |
| H2S | 0.0000 | 0.000 | 0.000 | |
| Propane | 5.7867 | 145.143 | 0.088 | 1.591 |
| Iso-Butane | 0.6308 | 20.449 | 0.013 | 0.206 |
| Butane | 1.6584 | 53.933 | 0.033 | 0.522 |
| Iso-Pentane | 0.3292 | 13.130 | 0.008 | 0.120 |
| Pentane | 0.3888 | 15.537 | 0.010 | 0.141 |
| Hexanes C6+ | 0.6084 | 31.108 | 0.020 | 0.265 |
| Hydrogen | N/A | | | |
| Helium | N/A | | | |
| Oxygen | N/A | | | |
| CO | N/A | | | |
| Totals | 100.0000 | 1270.665 | 0.741 | 6.190 |

Producer: Centennial
Well / Sta. Name: Raider 701H FedCom
Sta. No.: 24869
Formation:
Field: New Mexico
County:
API Number: 3002546427

Spot / Composite: SP
 Date / Time On:
 Date / Time Off: 05/06/21
 Date to Lab: 05/06/21
 Date Analyzed: 05/10/21
 Effective Date:

Sample Press. (PSIG): 112
 Line Press. (PSIG): 112
 Sample Temp. (F): 100
 Fl. Gas Temp. (F): 100
 Amb. Temp. (F): 60

Del. To:
 Sampled By: JL
 Cylinder No.: AGL-704

Field H2O (#/mm):**Field H2S (PPM):** 0.0

Field H2S (Grains): 0.0

Pressure Base: 14.65**Temp. Base:** 60

Z Factor (Dry): 0.9962668

Z Factor (Act.): 0.9962668

Dry BTU w/ H2S: 1275.43

Sat BTU w/ H2S: 1253.60

As Del. BTU w/ H2S: 1275.43

Dry BTU W/O H2S (Real): 1275.43**Sat. BTU W/O H2S (Real):** 1253.60**H2O (# / mmcf):** 0.0**AS DEL. BTU W/O H2S (Real):** 1275.43*BTU Calc: Dry***Sp. Gravity (Real):** 0.7437

Field Gravity:

Lab Gravitometer:

GPM Ethane+ (Real): 6.190**GPM Propane+ (Real):** 2.845**GPM IC5+ (Real):** 0.526

GPA 2145 / 2172

Fld. Remarks: TAG: INITIAL FLOW**Lab Remarks:** FLOW RATE 2513

| Production Summary Report API: 30-025-46300 RAIDER FEDERAL COM #502H Printed On: Monday, September 27 2021 | | | | | | | | | | | |
|---|--------------------------------------|------------|-----------|----------|-------------|----------|-------------|----------|----------|-------|----------|
| | | Production | | | | | Injection | | | | |
| Year | Pool | Month | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days P/I | Water(BBLS) | Co2(MCF) | Gas(MCF) | Other | Pressure |
| 2021 | [96434] RED HILLS;BONE SPRING, NORTH | Apr | 625 | 734 | 3815 | 1 | 0 | 0 | 0 | 0 | 0 |
| 2021 | [96434] RED HILLS;BONE SPRING, NORTH | May | 33004 | 43738 | 78984 | 31 | 0 | 0 | 0 | 0 | 0 |
| 2021 | [96434] RED HILLS;BONE SPRING, NORTH | Jun | 23656 | 30486 | 52733 | 30 | 0 | 0 | 0 | 0 | 0 |
| 2021 | [96434] RED HILLS;BONE SPRING, NORTH | Jul | 26542 | 27747 | 54051 | 27 | 0 | 0 | 0 | 0 | 0 |

| Production Summary Report API: 30-025-46427 RAIDER FEDERAL COM #701H Printed On: Monday, September 27 2021 | | | | | | | | | | | |
|---|--------------------------------|------------|-----------|----------|-------------|----------|-------------|----------|----------|-------|----------|
| | | Production | | | | | Injection | | | | |
| Year | Pool | Month | Oil(BBLS) | Gas(MCF) | Water(BBLS) | Days P/I | Water(BBLS) | Co2(MCF) | Gas(MCF) | Other | Pressure |
| 2021 | [2220] ANTELOPE RIDGE;WOLFCAMP | Apr | 13456 | 25720 | 62888 | 11 | 0 | 0 | 0 | 0 | 0 |
| 2021 | [2220] ANTELOPE RIDGE;WOLFCAMP | May | 37643 | 55102 | 69421 | 31 | 0 | 0 | 0 | 0 | 0 |
| 2021 | [2220] ANTELOPE RIDGE;WOLFCAMP | Jun | 26734 | 37754 | 43959 | 30 | 0 | 0 | 0 | 0 | 0 |
| 2021 | [2220] ANTELOPE RIDGE;WOLFCAMP | Jul | 17092 | 36469 | 27882 | 31 | 0 | 0 | 0 | 0 | 0 |

**LEGAL NOTICE
September 16, 2021**

Centennial Resource Production, LLC is applying to surface and pool 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 502H well pad. The two wells, details and locations are the following:

Raider Fed Com 502H located in the southeast quarter of section 21, T24S, R34E, Unit P, 300 FSL & 1040 FEL, Red Hills; Bone Spring, North.

Raider Fed Com 701H located in the southeast quarter of section 21, T24S, R34E, Unit O, 300 FSL & 1730 FEL, Antelope Ridge; WC.

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 Sarah Ferreyros, Centennial Resource Production, LLC, 1001 17th Street, Suite 1800, Denver, CO 80202. Phone number is 720-499-1454.

#36862



September 28, 2021

GMT New Mexico Royalty Company, LLC
1560 Broadway, suite 2000
Denver, CO 80202

Certified Mail Article Number: 7020 0640 0000 9808 8589

Re: Notice of Surface and Pool Commingle Application for the following wells:

| | |
|----------------------------|----------------------------|
| Raider Fed Com 502H | Raider Fed Com 701H |
| API# 30-025-46300 | API# 30-025-46427 |
| Sec 21, T24S, R34E, Unit P | Sec 21, T24S, R34E, Unit O |
| 300' FSL & 1040' FEL | 300' FSL & 1730' FEL |
| Red Hills; Bone Spring | Antelope Ridge; Wolfcamp |
| Lea County, New Mexico | Lea County, New Mexico |

To Whom It May Concern,

This letter will serve as notice that Centennial Resource Production, LLC has applied for a permit from the Oil Conservation Division in Santa Fe, NM for Surface/Pool Commingle. Please see attached application.

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. If the Oil Conservation Division determines the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505, the telephone number is 505-476-3200.

Sincerely,

A handwritten signature in blue ink, appearing to be "K. Schlichting".

Kanicia Schlichting
Sr. Regulatory Analyst



September 28, 2021

New Mexico State Land Office
310 Old Santa Fe Trail
Santa FE, NM 87501

Certified Mail Article Number: 7020 0640 0000 9808 8596

Re: Notice of Surface and Pool Commingle Application for the following wells:

| | |
|----------------------------|----------------------------|
| Raider Fed Com 502H | Raider Fed Com 701H |
| API# 30-025-46300 | API# 30-025-46427 |
| Sec 21, T24S, R34E, Unit P | Sec 21, T24S, R34E, Unit O |
| 300' FSL & 1040' FEL | 300' FSL & 1730' FEL |
| Red Hills; Bone Spring | Antelope Ridge; Wolfcamp |
| Lea County, New Mexico | Lea County, New Mexico |

To Whom It May Concern,

This letter will serve as notice that Centennial Resource Production, LLC has applied for a permit from the Oil Conservation Division in Santa Fe, NM for Surface/Pool Commingle. Please see attached application.

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. If the Oil Conservation Division determines the application complies with the applicable regulations, then it will be approved. The New Mexico Oil Conservation Division address is 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505, the telephone number is 505-476-3200.

Sincerely,

A handwritten signature in blue ink, appearing to read "K. Schlichting".

Kanicia Schlichting
Sr. Regulatory Analyst

| Well Name | Well Number | US Well Number | Lease Number | Case Number | Operator |
|----------------|-------------|----------------|--------------|-------------|------------|
| RAIDER FEDERAL | 701H | 3002546427 | NMNM126971 | NMNM126971 | CENTENNIAL |
| RAIDER FEDERAL | 502H | 3002546300 | NMNM 126971 | NMNM 126971 | CENTENNIAL |

Notice of Intent

Sundry ID: 2658448

Type of Submission: Notice of Intent

Date Sundry Submitted: 02/23/2022

Date proposed operation will begin: 04/30/2021

Type of Action: Commingling (Surface)

Time Sundry Submitted: 09:35

Procedure Description: Centennial Resource Production, LLC requests to surface and pool commingle the Raider Fed Com 502H and 701H wells.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Raider_Fed_Com_502H_701H_Surface_Commingling_App_Final_20220223093429.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: KATIE BIERSMITH

Signed on: FEB 23, 2022 09:34 AM

Name: CENTENNIAL RESOURCE PRODUCTION LLC

Title: Regulatory Analyst

Street Address: 1001 17th Street, Suite 1800

City: Denver**State:** CO

Phone: (720) 499-1522

Email address: Katie.Biersmith@cdevinc.com

Field Representative

Representative Name:

Street Address:

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

Phone:

Email address:

From: [Engineer, OCD, EMNRD](#)
To: [Katie Biersmith](#)
Cc: [McClure, Dean, EMNRD](#); [Kautz, Paul, EMNRD](#); [Wrinkle, Justin, EMNRD](#); [Powell, Brandon, EMNRD](#); lisa@rwbyram.com; [Glover, James](#); [Paradis, Kyle Q](#); [Walls, Christopher](#); [Dawson, Scott](#)
Subject: Approved Administrative Order PLC-810
Date: Friday, April 15, 2022 10:51:01 AM
Attachments: [PLC810 Order.pdf](#)

NMOCD has issued Administrative Order PLC-810 which authorizes Centennial Resource Production, LLC (372165) to surface commingle or off-lease measure, as applicable, the following wells:

| Well API | Well Name | UL or Q/Q | S-T-R | Pool |
|--------------|--------------------------|-----------|------------|-------|
| 30-025-46300 | Raider Federal Com #502H | W/2 E/2 | 16-24S-34E | 96434 |
| | | W/2 E/2 | 21-24S-34E | |
| 30-025-46427 | Raider Federal Com #701H | W/2 E/2 | 16-24S-34E | 2220 |
| | | W/2 E/2 | 21-24S-34E | |

The administrative order is attached to this email and can also be found online at OCD Imaging.

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 contact me.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: [Katie Biersmith](#)
To: [McClure, Dean, EMNRD](#)
Subject: [EXTERNAL] RE: -EXTERNAL- surface commingling application PLC-810
Date: Wednesday, April 13, 2022 11:46:24 AM
Attachments: [SUB \(resubmit print rpt\) BLM Commingle App Raider Fed Com 502H 701H.pdf](#)
[Raider CTB 1 Flow Diagram PDF.pdf](#)

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

Good afternoon,

Please find the BLM sundry submittal confirmation attached, along with the facility diagram.

GMT was noticed since they have an ORRI there but there are no others- both the Raider 502H and 701H are 100% Centennial working interest.

Thank you!

Katie Biersmith
Sr. Regulatory Analyst
O: (720) 499-1522
C: (707) 391-3334

From: McClure, Dean, EMNRD <Dean.McClure@state.nm.us>
Sent: Thursday, April 7, 2022 1:37 PM
To: Katie Biersmith <Katie.Biersmith@cdevinc.com>
Subject: -EXTERNAL- surface commingling application PLC-810

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

Ms. Biersmith,

I am reviewing surface commingling application PLC-810 which involves a commingling project that includes the Raider Federal Com 502H Battery and is operated by Centennial Resource Production, LLC (372165).

Please confirm that the BLM has received notification of this application. A print off of the sundry submitted to the BLM will be sufficient.

Please submit a facility diagram.

It appears that only 1 person was notified of this application, please confirm that there are no other working, royalty or overriding royalty interest owners.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department

(505) 469-8211

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 CENTENNIAL RESOURCE
PRODUCTION, LLC**

ORDER NO. PLC-810

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. Centennial Resource Production, LLC (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified 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. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, 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.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
7. Applicant submitted or intends to submit one or more proposed communitization agreement(s) (“Proposed Agreement(s)”) to the BLM or NMSLO, as applicable, identifying the acreage of each lease to be consolidated into a single pooled area (“Pooled Area”), as described in Exhibit B.

CONCLUSIONS OF LAW

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

9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.
10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
12. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
13. 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 identified in Exhibit A.

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

2. For each Pooled Area described in Exhibit B, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil and gas production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

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

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

3. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
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**



**ADRIENNE E. SANDOVAL
DIRECTOR**

DATE: 4/15/2022

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: **PLC-810**

Operator: **Centennial Resource Production, LLC (372165)**

Central Tank Battery: **Raider Federal Com 502H Battery**

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 |
|-------------------------------|-----------|
| ANTELOPE RIDGE; WOLFCAMP | 2220 |
| RED HILLS; BONE SPRING, NORTH | 96434 |

Leases as defined in 19.15.12.7(C) NMAC

| Lease | UL or Q/Q | S-T-R |
|-------------|-----------|------------|
| VB 11790003 | W/2 E/2 | 16-24S-34E |
| NMNM 126971 | W/2 E/2 | 21-24S-34E |

Wells

| Well API | Well Name | UL or Q/Q | S-T-R | Pool |
|--------------|--------------------------|-----------|------------|-------|
| 30-025-46300 | Raider Federal Com #502H | W/2 E/2 | 16-24S-34E | 96434 |
| | | W/2 E/2 | 21-24S-34E | |
| 30-025-46427 | Raider Federal Com #701H | W/2 E/2 | 16-24S-34E | 2220 |
| | | W/2 E/2 | 21-24S-34E | |

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit B

Order: **PLC-810**
Operator: **Centennial Resource Production, LLC (372165)**

Pooled Areas

| Pooled Area | UL or Q/Q | S-T-R | Acres | Pooled Area ID |
|----------------------------|--------------------|--------------------------|-------|----------------|
| CA Wolfcamp NMNM 143298 | W/2 E/2 W/2 E/2 | 16-24S-34E 21-24S-34E | 320 | A |
| CA Bone Spring NMNM 143296 | W/2 E/2 W/2 E/2 | 16-24S-34E 21-24S-34E | 320 | B |

Leases Comprising Pooled Areas

| Lease | UL or Q/Q | S-T-R | Acres | Pooled Area ID |
|-------------|-----------|------------|-------|----------------|
| VB 11790003 | W/2 E/2 | 16-24S-34E | 160 | A |
| NMNM 126971 | W/2 E/2 | 21-24S-34E | 160 | A |
| VB 11790003 | W/2 E/2 | 16-24S-34E | 160 | B |
| NMNM 126971 | W/2 E/2 | 21-24S-34E | 160 | B |

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

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

CONDITIONS

Action 52541

CONDITIONS

| | |
|--|---|
| Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202 | OGRID: 372165 |
| | Action Number: 52541 |
| | Action Type: [C-107] Surface Commingle or Off-Lease (C-107B) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| dmcclure | 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 contact me. | 4/15/2022 |