

| | | | |
|-------------------|--------------|-----------|-----------------------|
| RECEIVED: 2/19/20 | REVIEWER: DM | TYPE: CTB | APP NO: pDM2008060938 |
|-------------------|--------------|-----------|-----------------------|

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: COG Operating, LLC **OGRID Number:** 229137
Well Name: SRO 5 State Com 504H, 505H, 506H & 507H (please see attached) **API:** 30-015-45531
Pool: Delaware River; Bone Spring **Pool Code:** 16800

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.

Jeanette Barron

Print or Type Name

Jeanette Barron
 Signature

Date

2/19/20

575-746-6974

Phone Number

jbarron@concho.com

e-mail Address



February 19, 2020

Attn: Dean McClure
NM Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Administrative Approval of Lease Commingle (CTB)

Dear Mr. McClure,

COG Operating LLC respectfully requests approval for lease commingling for the following wells:

- | | |
|--|--|
| SRO 5 State Com 504H API# 30-015-45531 Delaware River; Bone Spring Ut. A, Sec. 5-T26S-R28E Eddy County, NM | SRO 5 State Com 505H API# 30-015-45532 Delaware River; Bone Spring Ut. A, Sec. 5-T26S-R28E Eddy County, NM |
| SRO 5 State Com 506H API# 30-015-45533 Delaware River; Bone Spring Ut. B, Sec. 5-T26S-R28E Eddy County, NM | SRO 5 State Com 507H API# 30-015-45534 Delaware River; Bone Spring Ut. B, Sec. 5-T26S-R28E Eddy County, NM |

Oil Production:

The oil production from all wells will be measured separately by allocation meter prior to being commingled at the Central Tank Battery located in Ut. A, Sec. 5-T26S-R28E. In addition, the oil production from these wells may also be transported by truck to either the Red Hills Offload Station, located in Unit O, Section 4-T26S-R32E, or the Jal Offload Station, located in Unit D, Section 4-T26S-R37E, Lea County in the event the CTB on lease is over capacity or in the case of battery or pipeline repairs. In this case the oil will remain segregated and will be measured by lact meter when offloading at said stations.

Gas Production:

The gas production from all wells will be measured separately by allocation meter prior to being commingled at the Central Tank Battery located in Ut. A, Sec. 5-T26S-R28E. Where it will then enter the custody transfer gas sales meter. The ETC sales meter # 57592 is also located in Ut. A, Sec. 5-T26S-R28E.

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
P 432.683 7443 | F 432.683 7441

ARTESIA WEST OFFICE

2208 Main Street | Artesia, New Mexico 88210
P 575.748.6940 | F 575 746.2096



The SRO wells have identical ownership in identical percentages, therefore, no owner notification is required. A letter from the responsible COG landman stating this fact is enclosed with this application.

Please see the enclosed Administrative Application Checklist, C-103 Application for Surface Commingling, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink that reads "Jeanette Barron".

Jeanette Barron
Regulatory Technician II

18

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
P 432.683.7443 | F 432.683.7441

ARTESIA WEST OFFICE

2208 Main Street | Artesia, New Mexico 88210
P 575.748.6940 | F 575.746.2096

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

| | | |
|--|--|---|
| SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) | | WELL API NO. 30-015-45531 |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other SWD <input type="checkbox"/> | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator COG OPERATING LLC | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 2208 W Main St. Artesia, NM 88210 | | 7. Lease Name or Unit Agreement Name SRO 5 STATE COM |
| 4. Well Location Unit Letter <u>A</u> : <u>314</u> feet from the <u>NORTH</u> line and <u>895</u> feet from the <u>EAST</u> line Section <u>4</u> Township <u>26S</u> Range <u>28E</u> NMPM County <u>EDDY, NM</u> | | 8. Well Number 504H |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) | | 9. OGRID Number 229137 |
| | | 10. Pool name or Wildcat DELAWARE RIVER; BONE SPRING |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| | |
|---|---|
| NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: Surface Commingle <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/> |
|---|---|

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

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

COG Operating, LLC would like to request approval to Surface Commingle production on shared well pad.

SRO 5 State Com 504H SEC. 5, T26S-R28E 30-015-45531
SRO 5 State Com 505H SEC. 5, T26S-R28E 30-015-45532
SRO 5 State Com 506H SEC. 5, T26S-R28E 30-015-45533
SRO 5 State Com 507H SEC. 5, T26S-R28E 30-015-45534

Please see attached detailed commingling information, diagram and maps.

SIGNATURE Jeanette Barron TITLE Regulatory Technician II DATE: 8/19/20
Type or print name
Jeanette Barron E-mail address: jbarron@concho.com PHONE: 575-748-6974
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): _____

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) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|-------------------------------------|--------------------|--|
| API Number 30-015-45531 | | Pool Code 16800 | Pool Name Delaware River; Bone Spring |
| Property Code 322993 | Property Name SRO 5 STATE COM | | Well Number 504H |
| OGRID No. 229137 | Operator Name COG OPERATING, LLC | | Elevation 3007.4' |

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 | 5 | 26-S | 28-E | | 314 | NORTH | 895 | EAST | EDDY |

Bottom Hole Location If Different From Surface

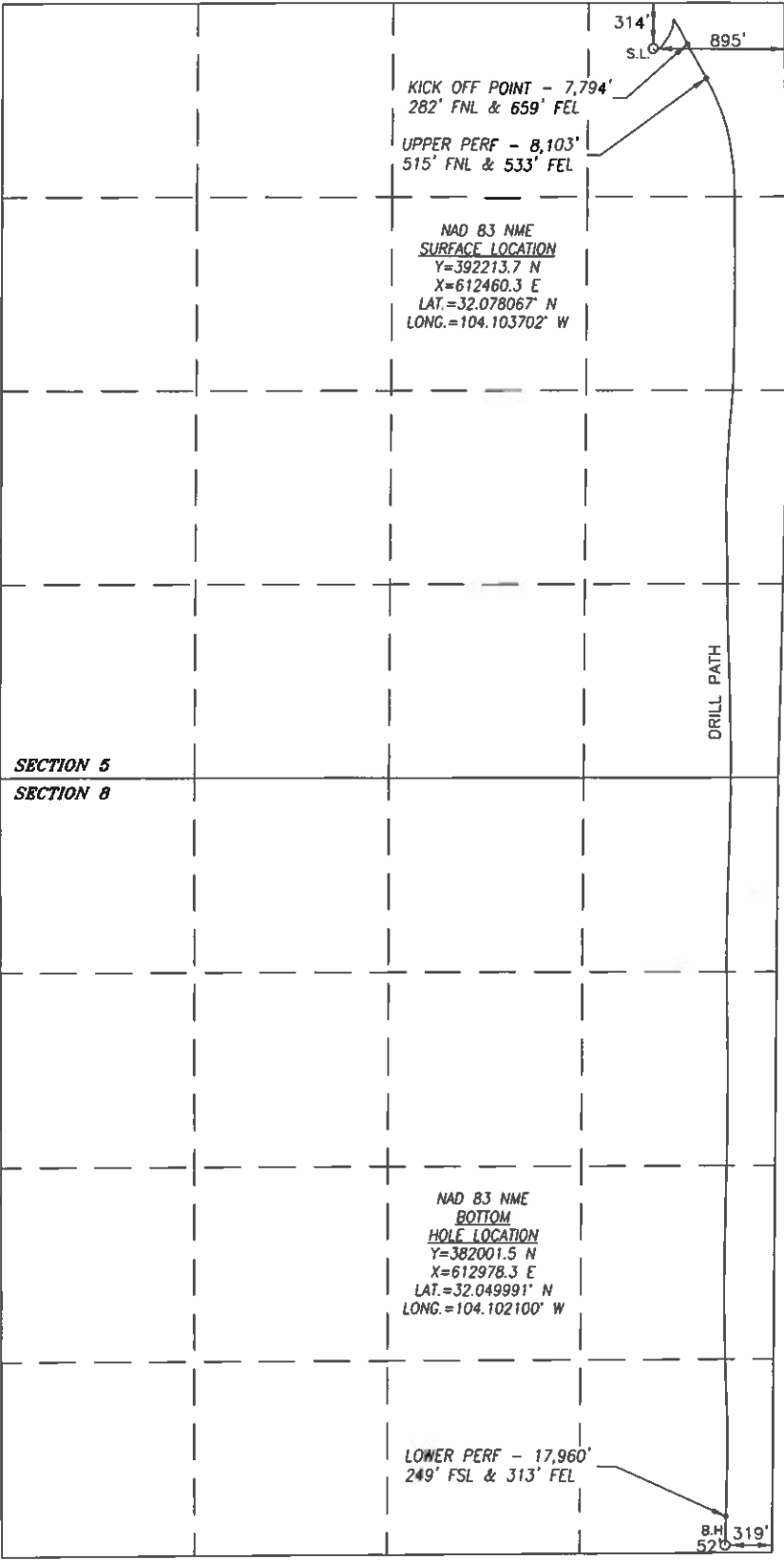
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 8 | 26-S | 28-E | | 52 | SOUTH | 319 | EAST | EDDY |

| | | | |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 320 | Joint or Infill | Consolidation Code | Order No. |
|------------------------|-----------------|--------------------|-----------|

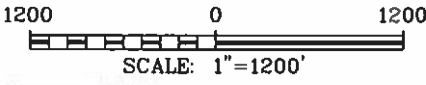
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

| | | |
|---------------|-------------------------------------|----------------------|
| Property Code | Property Name SRO 5 STATE COM | Well Number 504H |
| OGRID No. | Operator Name COG OPERATING, LLC | Elevation 3007.4' |



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE SRO 5 STATE COM #504H SUPPLIED TO HARCROW SURVEYING, LLC ON SEPTEMBER 25, 2019.



| | |
|---|--|
| OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Jeannette Barron</i> 2/19/20 Signature Date Jeannette Barron Printed Name jbarron@concho.com E-mail Address | |
| SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JAN. 14, 2018/JUNE 19, 2019 Date of Survey/Date of Geographic Survey Signature & Seal of Professional Surveyor Chad Harcrow 10/18/19 Certificate No. CHAD HARCROW 17777 W.O. #19-1867 DRAWN BY: WN | |

Intent ☐ As Drilled ☒

| | | |
|--------------------------------------|-----------------------------------|---------------------|
| API # | | |
| Operator Name: COG OPERATING, LLC | Property Name: SRO 5 STATE COM | Well Number 504H |

Kick Off Point (KOP)

| | | | | | | | | | |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL A | Section 5 | Township 26S | Range 28E | Lot | Feet 282 | From N/S NORTH | Feet 659 | From E/W EAST | County EDDY |
| Latitude 32.078155 | | | | | Longitude -104.102943 | | | NAD 83 | |

First Take Point (FTP)

| | | | | | | | | | |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL A | Section 5 | Township 26S | Range 28E | Lot | Feet 515 | From N/S NORTH | Feet 533 | From E/W EAST | County EDDY |
| Latitude 32.077514 | | | | | Longitude -104.102527 | | | NAD 83 | |

Last Take Point (LTP)

| | | | | | | | | | |
|-----------------------|--------------|-----------------|--------------|-----|--------------------------|-------------------|-------------|------------------|----------------|
| UL P | Section 8 | Township 26S | Range 28E | Lot | Feet 249 | From N/S SOUTH | Feet 313 | From E/W EAST | County EDDY |
| Latitude 32.050532 | | | | | Longitude -104.102078 | | | NAD 83 | |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

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

| | | |
|----------------|----------------|-------------|
| API # | | |
| Operator Name: | Property Name: | Well Number |

DISTRICT I
1825 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) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|----------------------------|-------------------------------------|--------------------|--|
| API Number 30-015-45532 | | Pool Code 16800 | Pool Name Delaware River; Bone Spring |
| Property Code 322993 | Property Name SRO 5 STATE COM | | Well Number 505H |
| OGRID No. 229137 | Operator Name COG OPERATING, LLC | | Elevation 3007.5' |

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 | 5 | 26-S | 28-E | | 314 | NORTH | 925 | EAST | EDDY |

Bottom Hole Location If Different From Surface

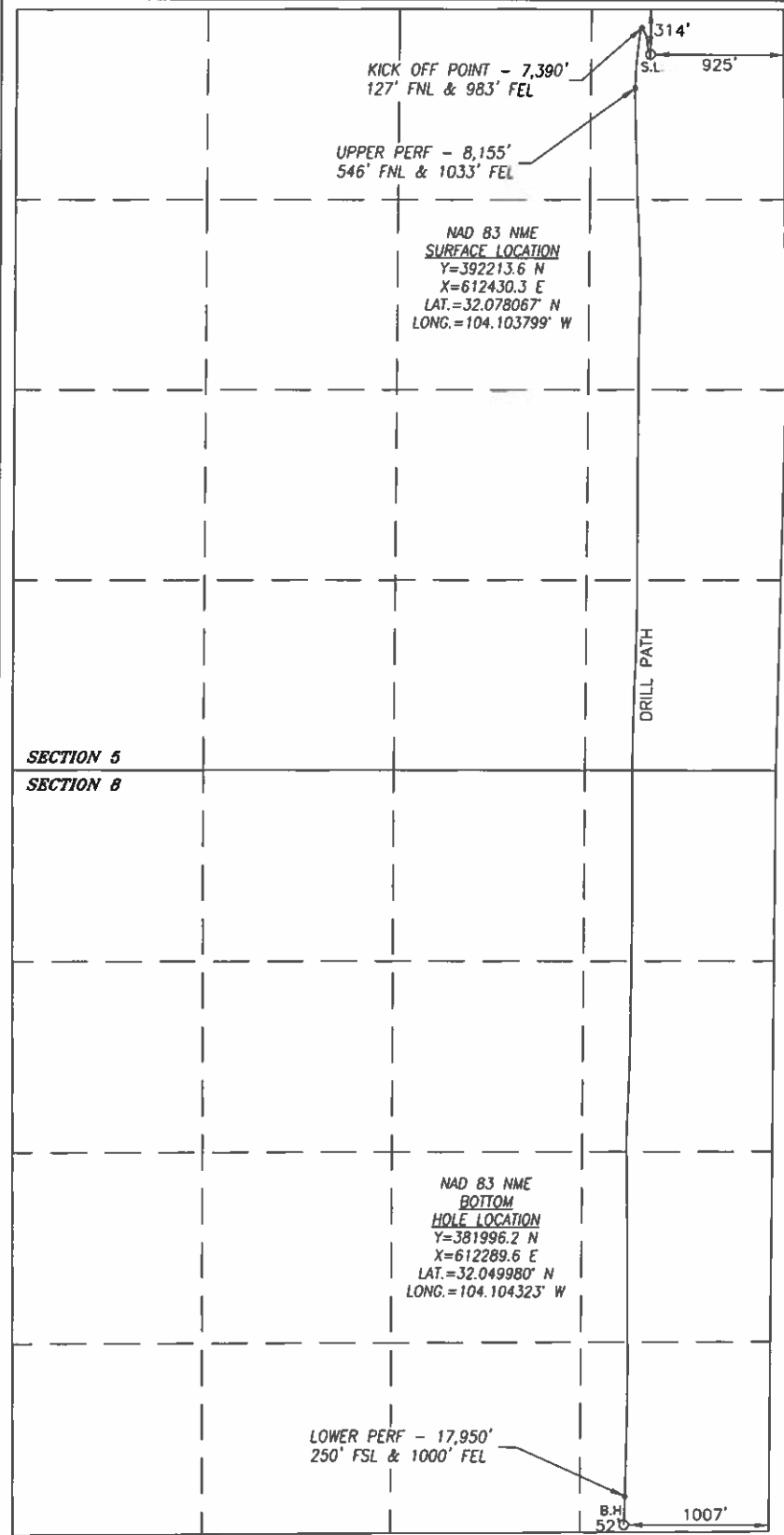
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 8 | 26-S | 28-E | | 52 | SOUTH | 1007 | EAST | EDDY |

| | | | |
|------------------------|-----------------|--------------------|-----------|
| Dedicated Acres 320 | Joint or Infill | Consolidation Code | Order No. |
|------------------------|-----------------|--------------------|-----------|

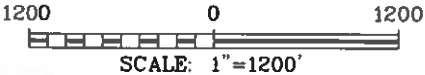
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

| | | |
|---------------|--------------------|-------------|
| Property Code | Property Name | Well Number |
| | SRO 5 STATE COM | 505H |
| OGRID No. | Operator Name | Elevation |
| | COG OPERATING, LLC | 3007.5' |



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE SRO 5 STATE
COM #505H SUPPLIED TO HARCROW SURVEYING,
LLC ON SEPTEMBER 25, 2019.



| | |
|---|-----------------|
| OPERATOR CERTIFICATION | |
| I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. | |
| <i>Jeanette Barron</i> Signature | 2/19/20 Date |
| Jeanette Barron Printed Name | |
| jbarron@concho.com E-mail Address | |
| SURVEYOR CERTIFICATION | |
| I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. | |
| JAN. 14, 2018/MAY 29, 2019 Date of Survey/Date of Geographic Survey | |
| Signature & Seal of Professional Surveyor | |
| | |
| Chad L. Harcrow 10/21/19 | |
| Certificate No. CHAD HARCROW 17777 | |
| W.O. #19-1868 DRAWN BY: WN | |

Intent ☐ As Drilled ☒ X

| | | |
|--------------------------------------|-----------------------------------|---------------------|
| API # | | |
| Operator Name: COG OPERATING, LLC | Property Name: SRO 5 STATE COM | Well Number 505H |

Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| A | 5 | 26S | 28E | | 127 | NORTH | 983 | EAST | EDDY |
| Latitude 32.078582 | | | | | Longitude -104.103991 | | | | NAD 83 |

First Take Point (FTP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| A | 5 | 26S | 28E | | 546 | NORTH | 1033 | EAST | EDDY |
| Latitude 32.077429 | | | | | Longitude -104.104139 | | | | NAD 83 |

Last Take Point (LTP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| P | 8 | 26S | 28E | | 250 | SOUTH | 1000 | EAST | EDDY |
| Latitude 32.050524 | | | | | Longitude -104.104296 | | | | NAD 83 |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

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

| | | |
|----------------|----------------|-------------|
| API # | | |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6151 Fax: (575) 393-9720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------|--|---|
| API Number 30-015-45533 | Pool Code 16800 | Pool Name Delaware River; Bone Spring |
| Property Code 322993 | Property Name SRO 5 STATE COM | |
| OGRID No. 229137 | Operator Name COG OPERATING, LLC | |
| | | Well Number 506H |
| | | Elevation 3009.2' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 5 | 26-S | 28-E | | 314 | NORTH | 1460 | EAST | EDDY |

Bottom Hole Location If Different From Surface

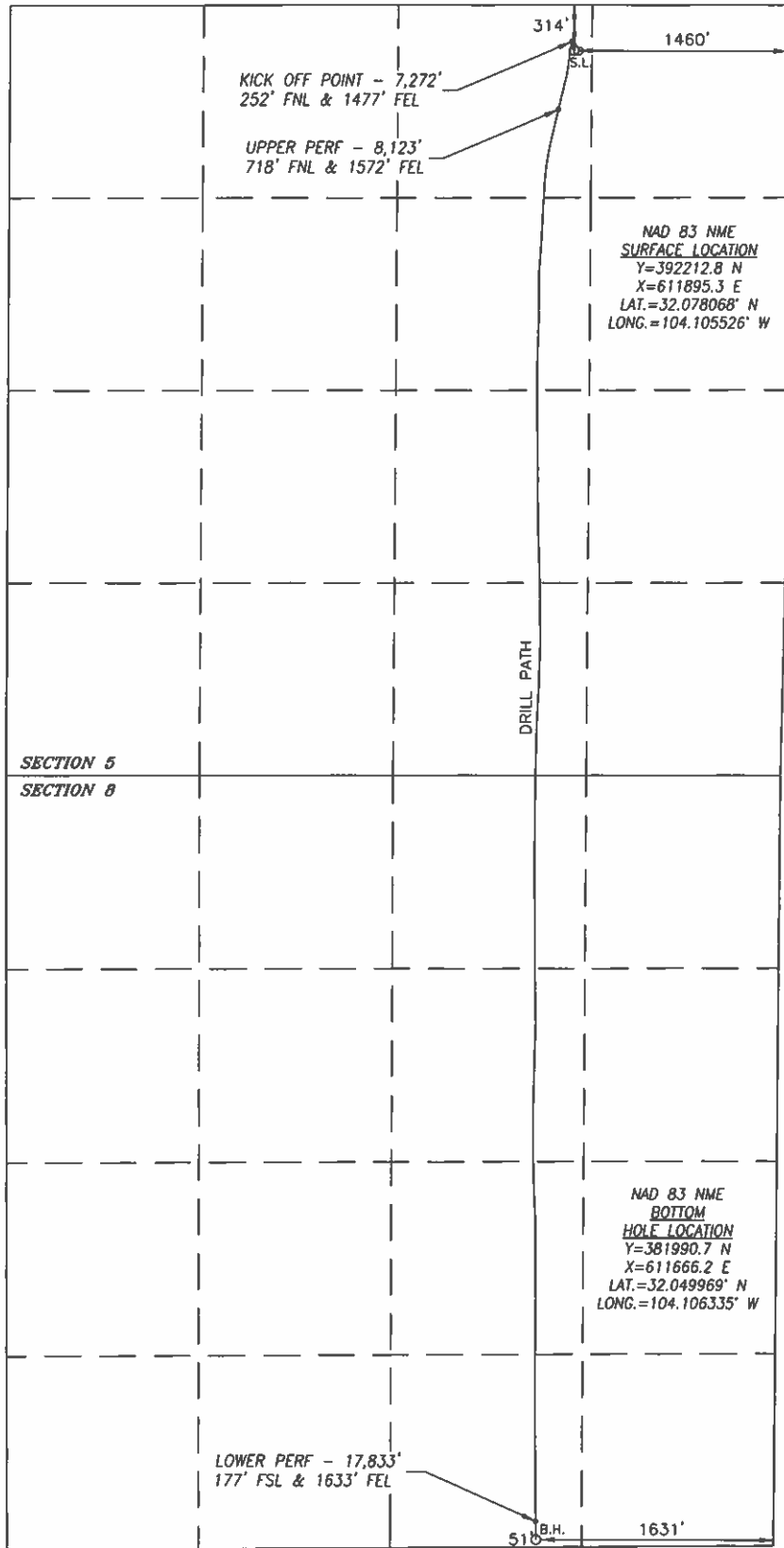
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O | 8 | 26-S | 28-E | | 51 | SOUTH | 1631 | EAST | EDDY |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 320 | | | |

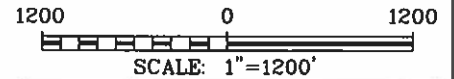
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

| | | |
|---------------|--------------------|-------------|
| Property Code | Property Name | Well Number |
| | SRO 5 STATE COM | 506H |
| OGRID No. | Operator Name | Elevation |
| | COG OPERATING, LLC | 3009.2' |



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE SRO 5 STATE COM #506H SUPPLIED TO HARCROW SURVEYING, LLC ON SEPTEMBER 5, 2019.



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Jeanette Barron 2/19/20
Signature Date

Jeanette Barron
Printed Name

jbarron@concho.com
E-mail Address

SURVEYOR CERTIFICATION

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

JAN. 14, 2019/MAY 3, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 9/18/19
Certificate No. CHAD HARCROW 17777

Intent ☐ As Drilled ☒ X

| | | |
|--------------------------------------|-----------------------------------|---------------------|
| API # | | |
| Operator Name: COG OPERATING, LLC | Property Name: SRO 5 STATE COM | Well Number 506H |

Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| B | 5 | 25S | 28E | | 252 | NORTH | 1477 | EAST | EDDY |
| Latitude 32.078238 | | | | | Longitude -104.105582 | | | | NAD 83 |

First Take Point (FTP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| B | 5 | 25S | 28E | | 718 | NORTH | 1572 | EAST | EDDY |
| Latitude 32.076957 | | | | | Longitude -104.105876 | | | | NAD 83 |

Last Take Point (LTP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| O | 8 | 25S | 28E | | 177 | SOUTH | 1633 | EAST | EDDY |
| Latitude 32.050315 | | | | | Longitude -104.106340 | | | | NAD 83 |

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

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

| | | |
|----------------|----------------|-------------|
| API # | | |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018

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Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6176 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | |
|-----------------------------------|--|---------------------------|---|
| API Number 30-015-45534 | | Pool Code 16800 | Pool Name Delaware River; Bone Spring |
| Property Code 322993 | Property Name SRO 5 STATE COM | | Well Number 507H |
| OGRID No. 229137 | Operator Name COG OPERATING, LLC | | Elevation 3009.2' |

Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 5 | 26-S | 28-E | | 314 | NORTH | 1490 | EAST | EDDY |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| 0 | 8 | 26-S | 28-E | | 83 | SOUTH | 2331 | EAST | EDDY |

| | | | |
|-------------------------------|------------------------|---------------------------|------------------|
| Dedicated Acres 320 | 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

SEE PAGE 2

| | | |
|---------------|--|-----------------------------|
| Property Code | Property Name SRO 5 STATE COM | Well Number 507H |
| OGRID No. | Operator Name COG OPERATING, LLC | Elevation 3009.2' |

KICK OFF POINT - 7,463'
133' FNL & 1789' FEL

UPPER PERF - 8,240'
533' FNL & 2073' FEL

DRILL PATH

SECTION 5
SECTION 8

LOWER PERF - 18,153'
195' FSL & 2328' FEL

NAD 83 NME
SURFACE LOCATION
Y=392212.7 N
X=611865.3 E
LAT.=32.078068° N
LONG.=104.105623° W

NAD 83 NME
BOTTOM
HOLE LOCATION
Y=382016.7 N
X=610966.1 E
LAT.=32.050045° N
LONG.=104.108595° W

1490'

2331'

830'

SCALE: 1"=1200'

BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE SRO 5 STATE
COM #507H SUPPLIED TO HARCROW SURVEYING,
LLC ON SEPTEMBER 25, 2019.

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Jeanette Barron 2/19/20
Signature Date

Jeanette Barron
Printed Name

jbarron@concho.com
E-mail Address

SURVEYOR CERTIFICATION

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

JAN. 14, 2018/APR. 12, 2019
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 10/21/19
Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2 W.O. #19-1869 DRAWN BY: WN

Intent ☐ As Drilled ☒

| | | |
|--------------------------------------|-----------------------------------|---------------------|
| API # | | |
| Operator Name: COG OPERATING, LLC | Property Name: SRO 5 STATE COM | Well Number 507H |

Kick Off Point (KOP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| B | 5 | 26S | 28E | | 133 | NORTH | 1789 | EAST | EDDY |
| Latitude 32.078566 | | | | | Longitude -104.106595 | | | | NAD 83 |

First Take Point (FTP)

| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| B | 5 | 26S | 28E | | 533 | NORTH | 2073 | EAST | EDDY |
| Latitude 32.077466 | | | | | Longitude -104.107499 | | | | NAD 83 |

Last Take Point (LTP)

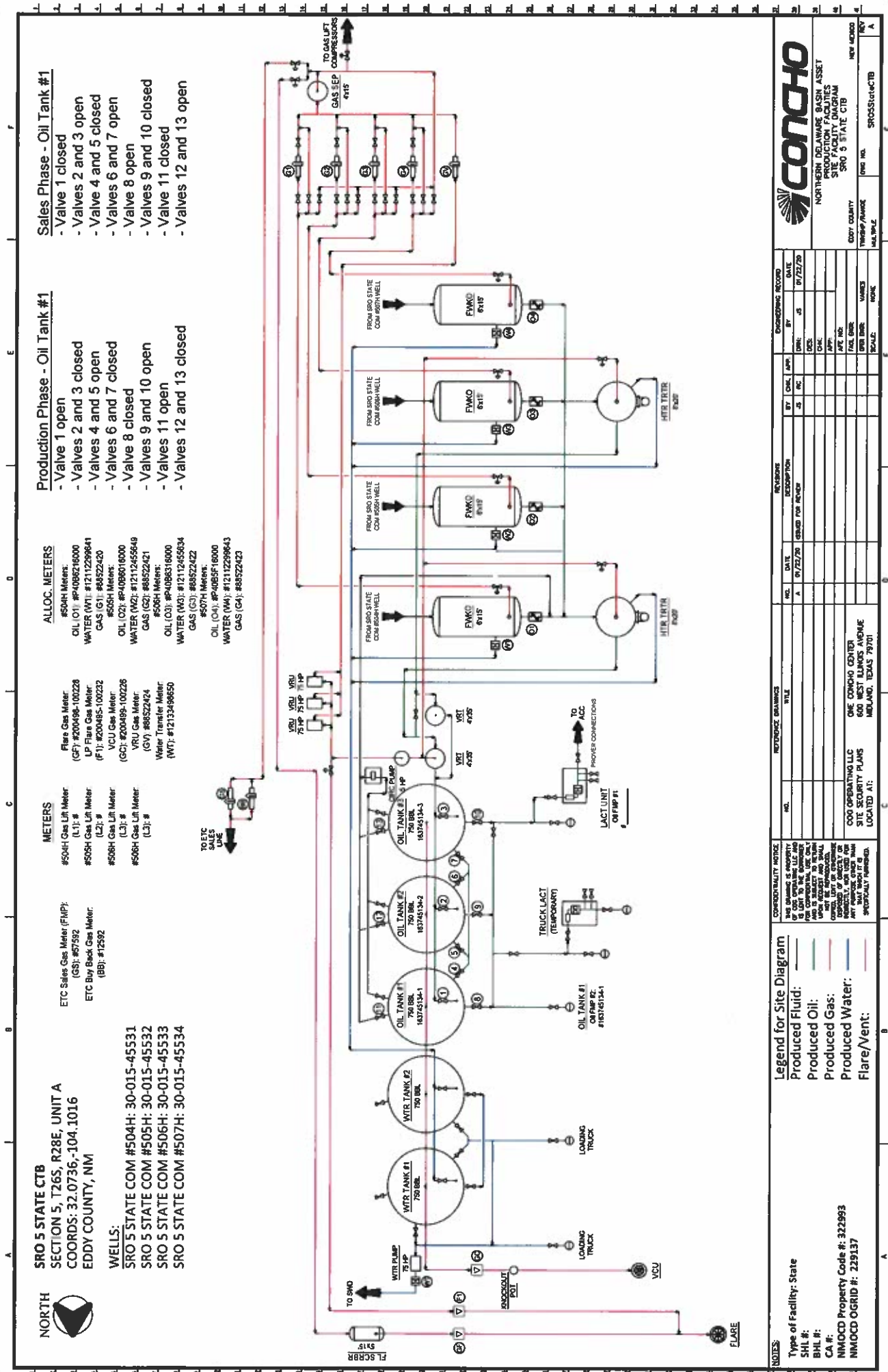
| UL | Section | Township | Range | Lot | Feet | From N/S | Feet | From E/W | County |
|-----------------------|---------|----------|-------|-----|--------------------------|----------|------|----------|-----------|
| O | 8 | 26S | 28E | | 195 | SOUTH | 2328 | EAST | EDDY |
| Latitude 32.050352 | | | | | Longitude -104.108583 | | | | NAD 83 |

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

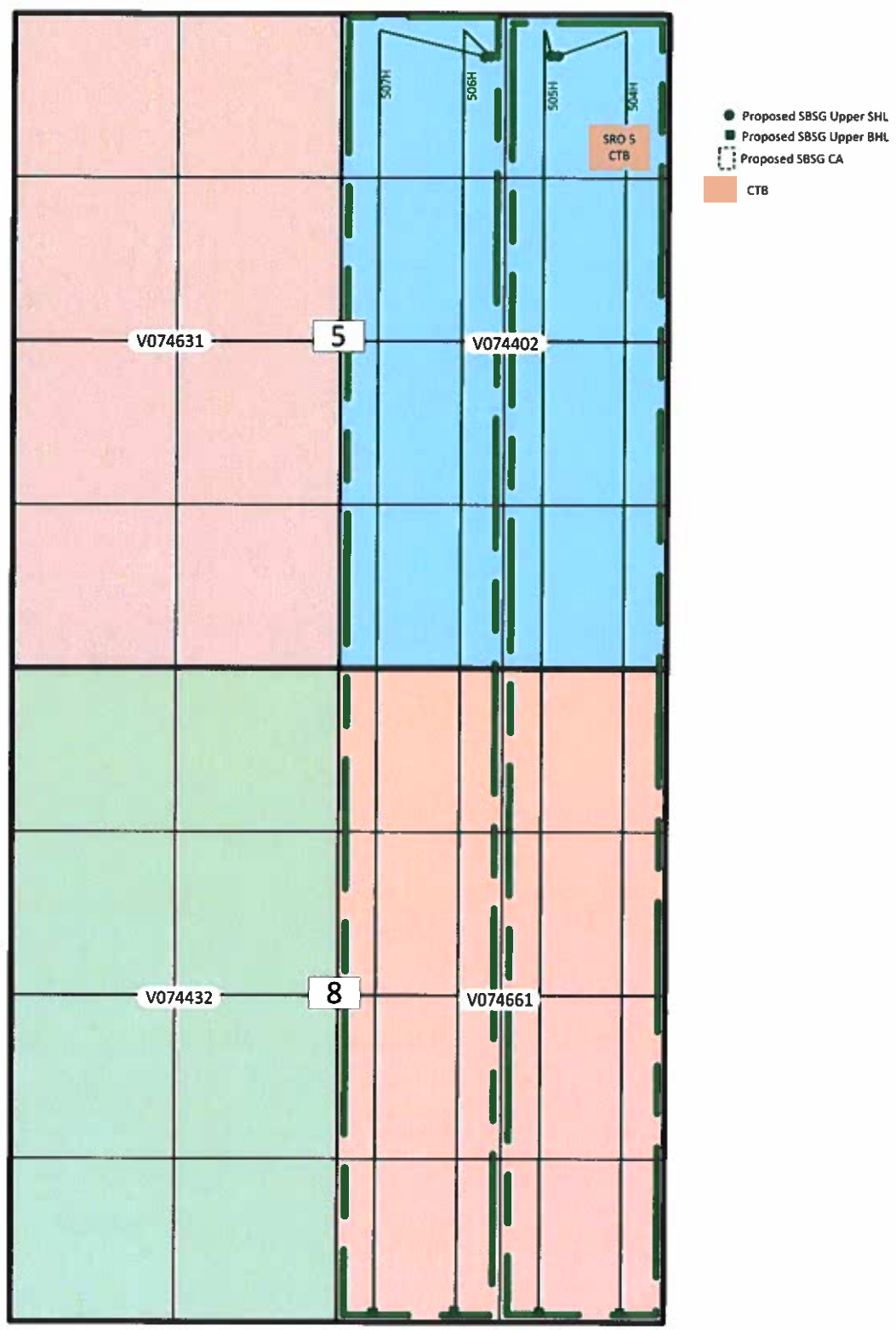
| | | |
|----------------|----------------|-------------|
| API # | | |
| Operator Name: | Property Name: | Well Number |

KZ 06/29/2018



04.22.19 JB

SRO 5 State Com Wells



Sec 5,8 T 26S R 28E
Eddy County NM



SRO 5 State Com 504H, 505H, 506H & 507H

&

Red Hills and Jal Offload Station Map

SRO 5 State Com
504H, 505H, 506H, &
507H

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

Red Hills Offload
Station
Lea County, NM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

Jal Offload Station
Lea County, NM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |



February 14, 2020

RE: SRO State Com 504H-507H
Off Lease Measurement

To Whom It May Concern,

In regards to the above referenced wells, the revenue owners are identical. As defined in NMAC 19.15.12.7.B, identical ownership means leases or pools have the same working, royalty and overriding royalty owners in exactly the same percentages.

Thanks,



Travis Macha
Landman



February 19, 2020

Commissioner of Public Lands
NM State Land Office
P. O. Box 1148
Santa Fe, NM 87504-1148

RE: Application for CTB and Lease Commingle

SRO 5 State Com 504H
API# 30-015-45531
Delaware River; Bone Spring
Ut. A, Sec. 5-T26S-R28E
Eddy County, NM

SRO 5 State Com 505H
API# 30-015-45532
Delaware River; Bone Spring
Ut. A, Sec. 5-T26S-R28E
Eddy County, NM

SRO 5 State Com 506H
API# 30-015-45533
Delaware River; Bone Spring
Ut. B, Sec. 5-T26S-R28E
Eddy County, NM

SRO 5 State Com 507H
API# 30-015-45534
Delaware River; Bone Spring
Ut. B, Sec. 5-T26S-R28E
Eddy County, NM

To Whom it May Concern:

Please find enclosed check in the amount of \$150.00, which constitutes payment of the required fee for the referenced Lease Commingling application.

If you have any questions, please do not hesitate to contact me at jbarron@concho.com or 575-748-6974.

Sincerely,

A handwritten signature in black ink that reads "Jeanette Barron".

Jeanette Barron
Regulatory Technician II

CORPORATE ADDRESS

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701
P 432.683.7443 | F 432.683.7441

ARTESIA WEST OFFICE

2208 Main Street | Artesia, New Mexico 88210
P 575.748.6940 | F 575.746.2096

**NEW MEXICO
STATE
LAND OFFICE**

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



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

Applicant: COG OPERATING, LLC

OGRID #: 229137

Well Name: SRO 5 State Com 504H

API #: 30-015-45531

Pool: Delaware River; Bone Spring

OPERATOR NAME: COG OPERATING, LLC

OPERATOR ADDRESS: 2208 W. MAIN STREET, ARTESIA, NEW MEXICO

APPLICATION REQUIREMENTS – SUBMIT:

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

CERTIFICATION: To the best of my knowledge,

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

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

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

Jeanette Barron

Print or Type Name

Jeanette Barron

Signature

8/19/20

Date

575.748.6974

Phone Number

jbarron@concho.com

e-mail Address

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

Questions?
Contact the Commingling Manager:
505.827.5791

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

**NEW MEXICO
STATE
LAND OFFICE**

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



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

Applicant: COG OPERATING, LLC

OGRID #: 229137

Well Name: SRO 5 State Com 505H

API #: 30-015-45532

Pool: Delaware River; Bone Spring

OPERATOR NAME: COG OPERATING, LLC

OPERATOR ADDRESS: 2208 W. MAIN STREET, ARTESIA, NEW MEXICO

APPLICATION REQUIREMENTS – SUBMIT:

1. New Mexico Oil Conservation Division (NMOCD) application packet (or equivalent information if no application is required by NMOCD),
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Jeanette Barron

Print or Type Name

Jeanette Barron

Signature

8/19/20

Date

575.748.6974

Phone Number

jbarron@concho.com

e-mail Address

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

Questions?
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505.827.5791

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**NEW MEXICO
STATE
LAND OFFICE**

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



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

Applicant: COG OPERATING, LLC

OGRID #: 229137

Well Name: SRO 5 State Com 506H

API #: 30-015-45533

Pool: Delaware River; Bone Spring

OPERATOR NAME: COG OPERATING, LLC

OPERATOR ADDRESS: 2208 W. MAIN STREET, ARTESIA, NEW MEXICO

APPLICATION REQUIREMENTS – SUBMIT:

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Print or Type Name

Jeanette Barron

Signature

Date

9/19/20

575.748.6974

Phone Number

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Santa Fe, NM 87504-1148

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**NEW MEXICO
STATE
LAND OFFICE**

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



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

Applicant: COG OPERATING, LLC

OGRID #: 229137

Well Name: SRO 5 State Com 507H

API #: 30-015-45534

Pool: Delaware River; Bone Spring

OPERATOR NAME: COG OPERATING, LLC

OPERATOR ADDRESS: 2208 W. MAIN STREET, ARTESIA, NEW MEXICO

APPLICATION REQUIREMENTS – SUBMIT:

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