



January 11, 2021

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

Re: Application for Administrative Approval of Pool Commingle and Off Lease Measurement

Dear Mr. McClure,

COG Operating LLC respectfully requests approval for pool commingling and Off Lease Measurement for the following wells:

Pitchblend 19 30 Federal 37H  
API# 30-025-45652  
Dogie Draw; Delaware  
Ut. B, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblend 19 30 Federal 38H  
API# 30-025-45653  
Fairview Mills; Bone Spring  
Ut. A, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblend 19 30 Federal 208H  
API# 30-025-45656  
Dogie Draw; Delaware  
Ut. A, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblend 19 30 Federal 358H  
API# 30-025-45658  
Fairview Mills; Bone Spring  
Ut. A, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblend 19 30 Federal 457H  
API# 30-025-45662  
Dogie Draw; Delaware  
Ut. B, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblend 19 30 Federal 607H  
API# 30-025-45667  
Fairview Mills; Bone Spring  
Ut. B, Sec. 19-T25S-R35E  
Lea County, NM

**Oil Production:**

The oil production from all wells will be measured separately on-lease by allocation meter prior to being commingled at the heater treaters at the Central Tank Battery located in lease in Ut. A, Sec 19-T25S-R35E. In addition to the on-lease measurement, 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.

**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

**Gas Production:**

The gas production from all wells will be measured separately on-lease by allocation meter prior to being commingled and entering a gas flow line to the gas custody transfer meter at the Central Tank Battery located in Ut. A, Sec. 19-T25S-R35E. The ETC gas sales meter # 99013.

All 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 the same percentages. Please see letter from OCD landman.

Please see the enclosed Administrative Application Checklist, C-107B Application for pool 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". The signature is fluid and cursive.

Jeanette Barron  
Regulatory Technician II

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**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

Revised March 23, 2017

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

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



**ADMINISTRATIVE APPLICATION CHECKLIST**

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

**Applicant:** COG Operating, LLC**OGRID Number:** 229137**Well Name:** Pitchblend 19 30 Federal 37H and five other wells (see attached)**API:** 30-025-45652**Pool:** Dogie Draw; Delaware, Fairview Hills; Bone Spring & Dogie Draw; Wolfcamp**Pool Code:** 97779/ 96340/17980

**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 holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ 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

1/11/21

575-746-6974

Phone Number

jbarron@concho.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: COG Operating LLC

OPERATOR ADDRESS: 2208 W Main Street, Artesia, New Mexico 88210

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
97779 Doggie Draw; Delaware	43.37/1368	42.7/1376			
96340 Fairview Mills; Bone Spring	42.03/1382				

(2) Are any wells producing at top allowables? ☒ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.

(4) Measurement type: ☒ Metering ☐ Other (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

(1) Pool Name and Code.

(2) Is all production from same source of supply? ☐ Yes ☐ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No

(4) Measurement type: ☐ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

(1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No

(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: \_\_\_\_\_

TITLE: Regulatory Technician II

DATE: 1/11/21

TYPE OR PRINT NAME Jeanette Barron TELEPHONE NO.: 575.748.6974

E-MAIL ADDRESS: jbarron@concho.com



DISTRICT I  
1685 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) 748-1883 Fax: (575) 748-8720

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) 476-3462

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  
As Drilled

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45652		Pool Code 97779	Pool Name Dogie Draw; Delaware
Property Code 326533	Property Name PITCHBLEND FEDERAL 19-30		Well Number 37H
GRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3336.8'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	25-S	35-E		250	NORTH	2035	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
G	30	25-S	35-E		2588	NORTH	2454	EAST	LEA

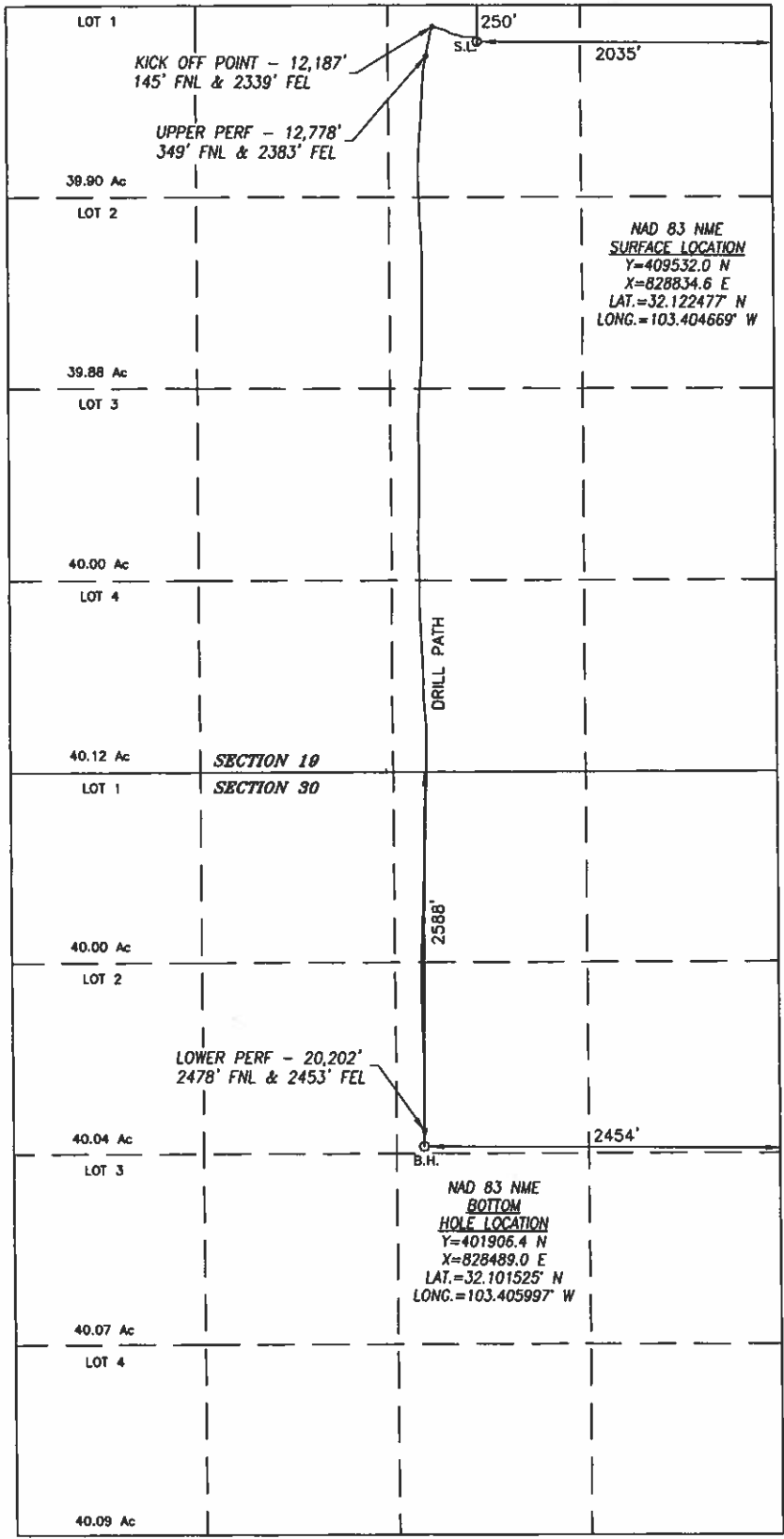
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

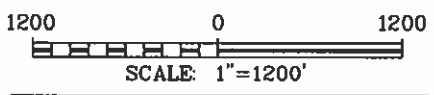
SEE PAGE 2

PAGE 1 OF 2  
W.O. #20-1395  
DRAWN BY: WN

Property Code 326533	Property Name PITCHBLENDE FEDERAL 19-30	Well Number 37H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3336.8'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE PITCHBLENDE FEDERAL 19-30 #37H SUPPLIED TO HARCROW SURVEYING, LLC ON OCTOBER 22, 2020



<b>OPERATOR CERTIFICATION</b> 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> 1/11/21 Signature Date Jeanette Barron Printed Name jbarron@concho.com E-mail Address	
<b>SURVEYOR CERTIFICATION</b> 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. DEC. 5, 2019/FEB. 10, 2020 Date of Survey/Date of Geographic Survey Signature & Seal of Professional Surveyor  <i>Chad Harcrow</i> 10/26/20 Certificate No. CHAD HARCROW 17777 W.O. #20-1395 DRAWN BY: WN	

## DISTRICT I

1855 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 383-8181 Fax: (575) 383-8720

## DISTRICT II

811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1883 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) 476-3460 Fax: (505) 476-3462

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

As Drilled

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45653	Pool Code 96340	Pool Name Fairview Mills; Bone Spring
Property Code 326533	Property Name PITCHBLEND FEDERAL 19-30	Well Number 38H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3329.9'

## 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	19	25-S	35-E		450	NORTH	710	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
H	30	25-S	35		2589	NORTH	1169	EAST	LEA

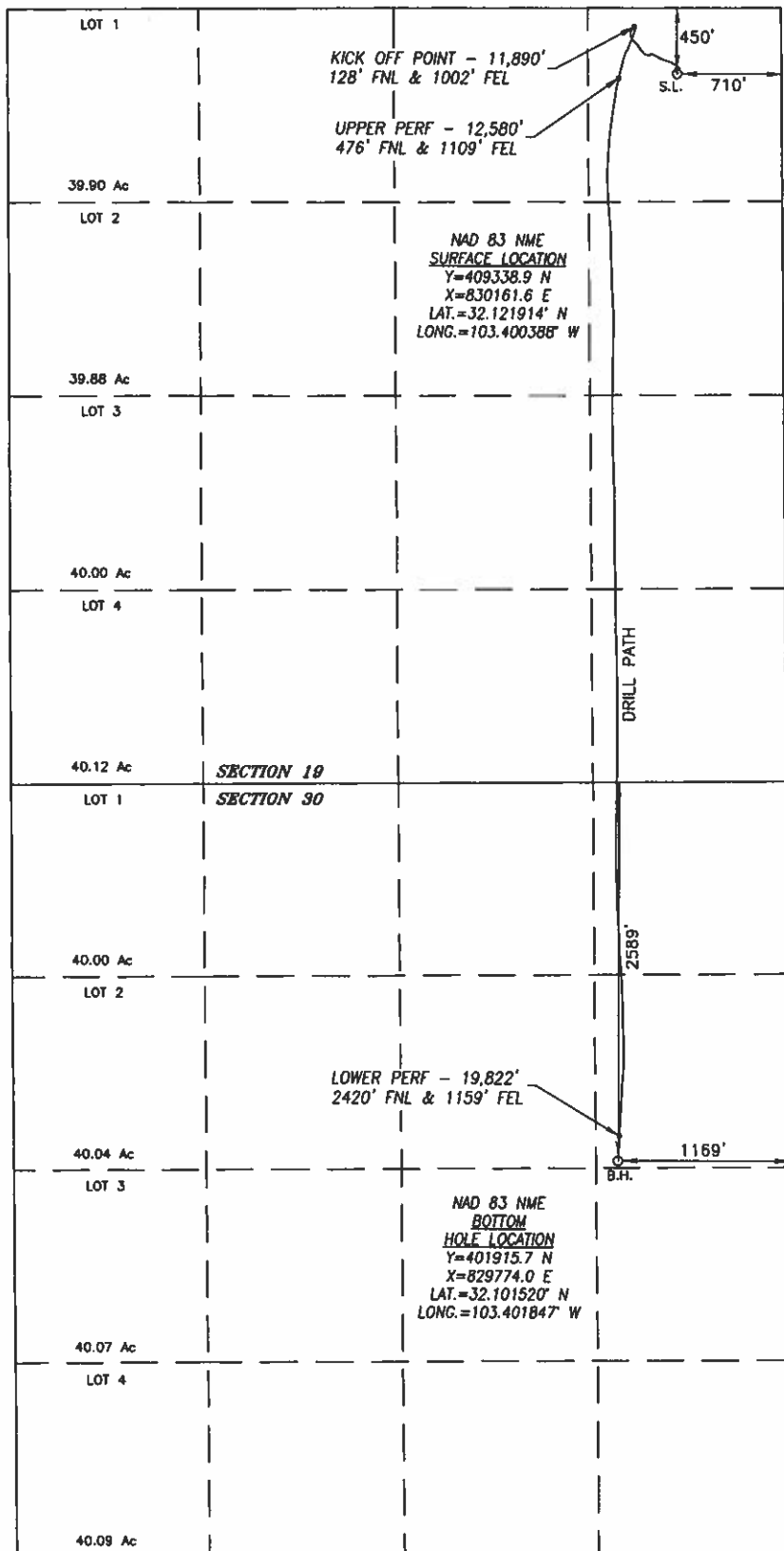
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
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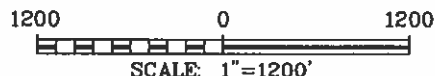
SEE PAGE 2

W.O. #20-1337	PAGE 1 OF 2 DRAWN BY: WN
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Property Code 326533	Property Name PITCHBLENDE FEDERAL 19-30	Well Number 38H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3329.9'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE PITCHBLENDE FEDERAL 19-30 #38H SUPPLIED TO HARCROW SURVEYING, LLC ON OCTOBER 7, 2020



#### 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.

*Jeannette Barron* 1/11/81  
Signature Date

Jeannette Barron  
Printed Name

jbarron@concho.com  
E-mail Address

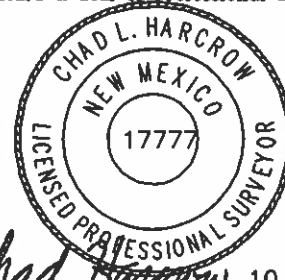
#### SURVEYOR CERTIFICATION

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.

DEC. 5, 2019/FEB. 11, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 10/8/20  
Certificate No. CHAD HARCROW 17777

DISTRICT I  
1825 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1283 Fax: (505) 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  
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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

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Revised August 1, 2011  
Submit one copy to appropriate  
District Office

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As Drilled

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45656		Pool Code 97779	Pool Name Doggie Draw; Delaware
Property Code 326533	Property Name PITCHBLEND FEDERAL 19-30		Well Number 208H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3331.0'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	19	25-S	35-E		450	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
H	30	25-S	35		2569	NORTH	726	EAST	LEA

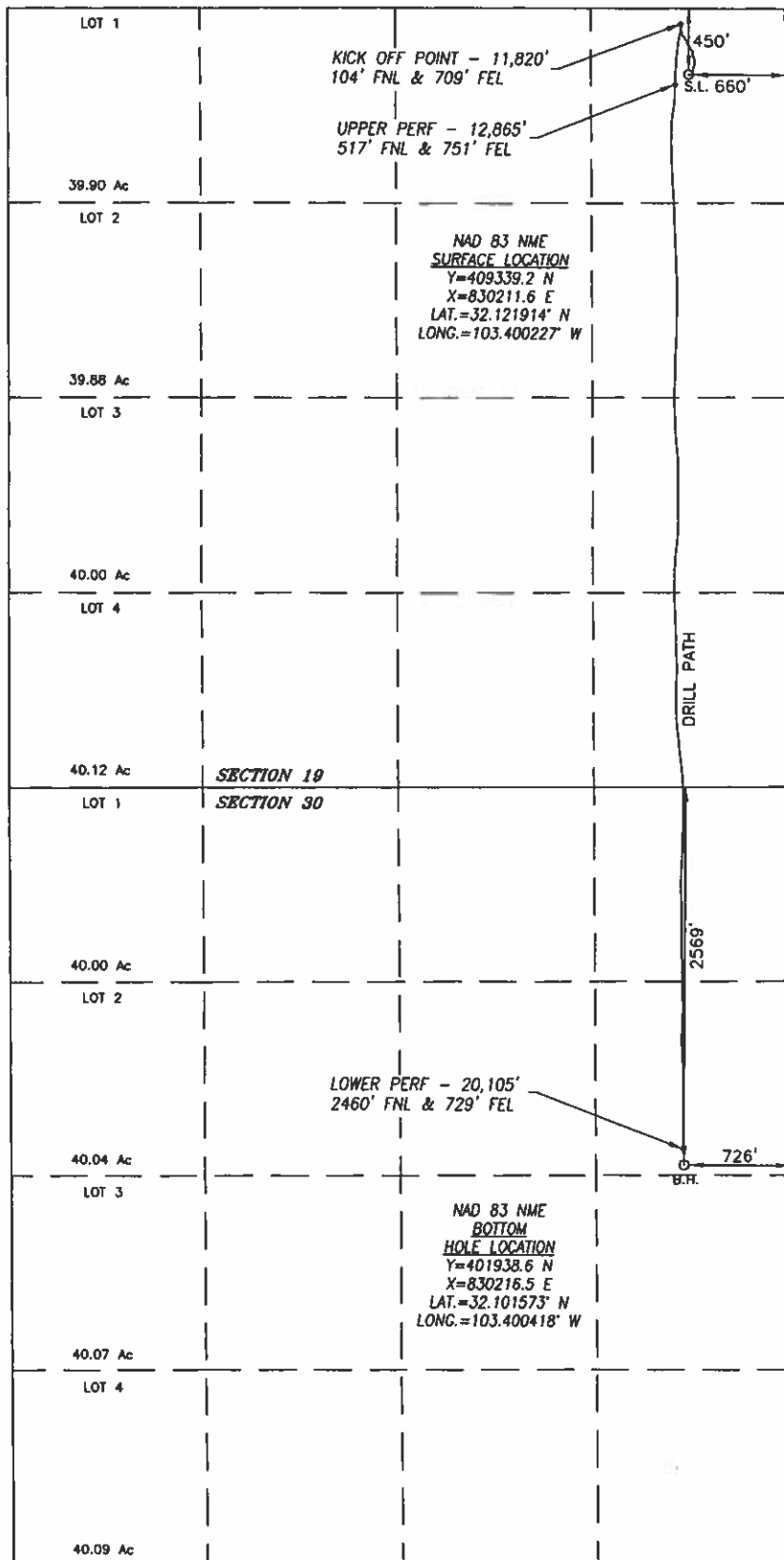
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

PAGE 1 OF 2  
W.O. #20-1338 DRAWN BY: WN

Property Code 326533	Property Name PITCHBLENDE FEDERAL 19-30	Well Number 208H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3331.0'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE PITCHBLENDE FEDERAL 19-30 #208H SUPPLIED TO HARCROW SURVEYING, LLC ON OCTOBER 7, 2020

1200 0 1200  
SCALE: 1"=1200'

#### 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.

*Jeannette Barron* 1/11/21  
Signature Date

Jeannette Barron

Printed Name

jbarron@concho.com

E-mail Address

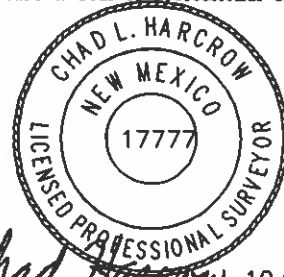
#### SURVEYOR CERTIFICATION

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.

DEC. 5, 2019/FEB. 27, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 10/8/20  
Certificate No. CHAD HARCROW 17777

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 303-6151 Fax: (575) 303-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 748-1383 Fax: (575) 748-0720

DISTRICT III  
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DISTRICT IV  
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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  
As Drilled

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45658		Pool Code 96340	Pool Name Fairview Mills; Bone Spring
Property Code 326533	Property Name PITCHBLEND FEDERAL 19-30		Well Number 358H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3330.4'

**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	19	25-S	35-E		450	NORTH	610	EAST	LEA

**Bottom Hole Location If Different From Surface**

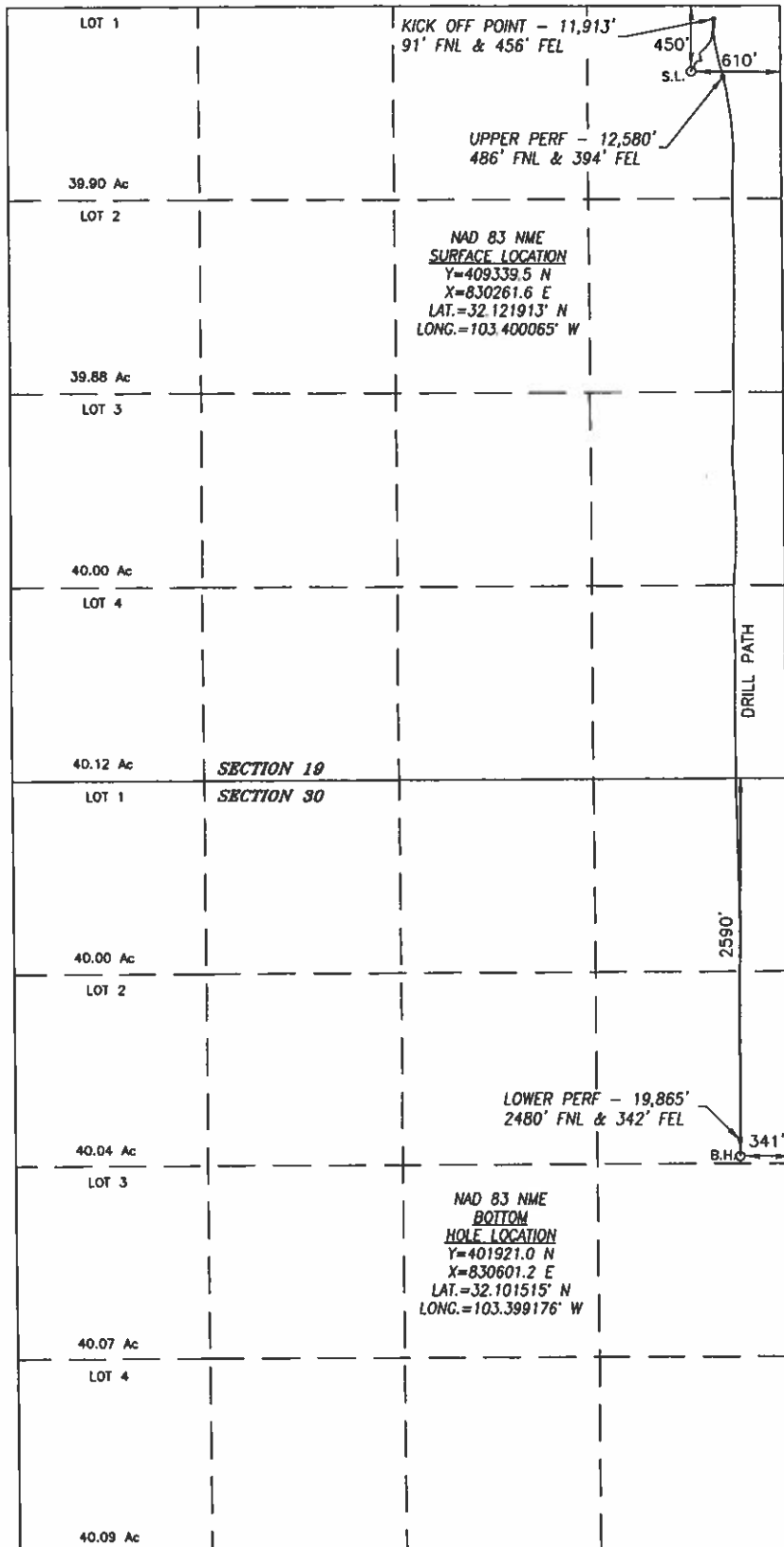
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	30	25-S	35		2590	NORTH	341	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

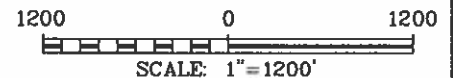
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
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SEE PAGE 2

Property Code 326533	Property Name PITCHBLENDE FEDERAL 19-30	Well Number 358H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3330.4'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE PITCHBLENDE FEDERAL 19-30 #358H SUPPLIED TO HARCROW SURVEYING, LLC ON OCTOBER 7, 2020



#### 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.

*Janette Barron 1/11/21*  
Signature Date

Janette 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.

DEC. 5, 2019/MAR. 16, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

*Chad Harcrow* 10/8/20  
Certificate No. CHAD HARCROW 17777  
W.O. #20-1339 DRAWN BY: WN





## 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) 746-1263 Fax: (575) 746-8720

## DISTRICT III

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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) 478-3468

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  
As Drilled

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45662	Pool Code 97779	Pool Name Doggie Draw; Delaware
Property Code 326533	Property Name PITCHBLENDE FEDERAL 19-30	Well Number 457H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3337.7'

## 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	19	25-S	35-E		250	NORTH	1955	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
G	30	25-S	35-E		2583	NORTH	1569	EAST	LEA

Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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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

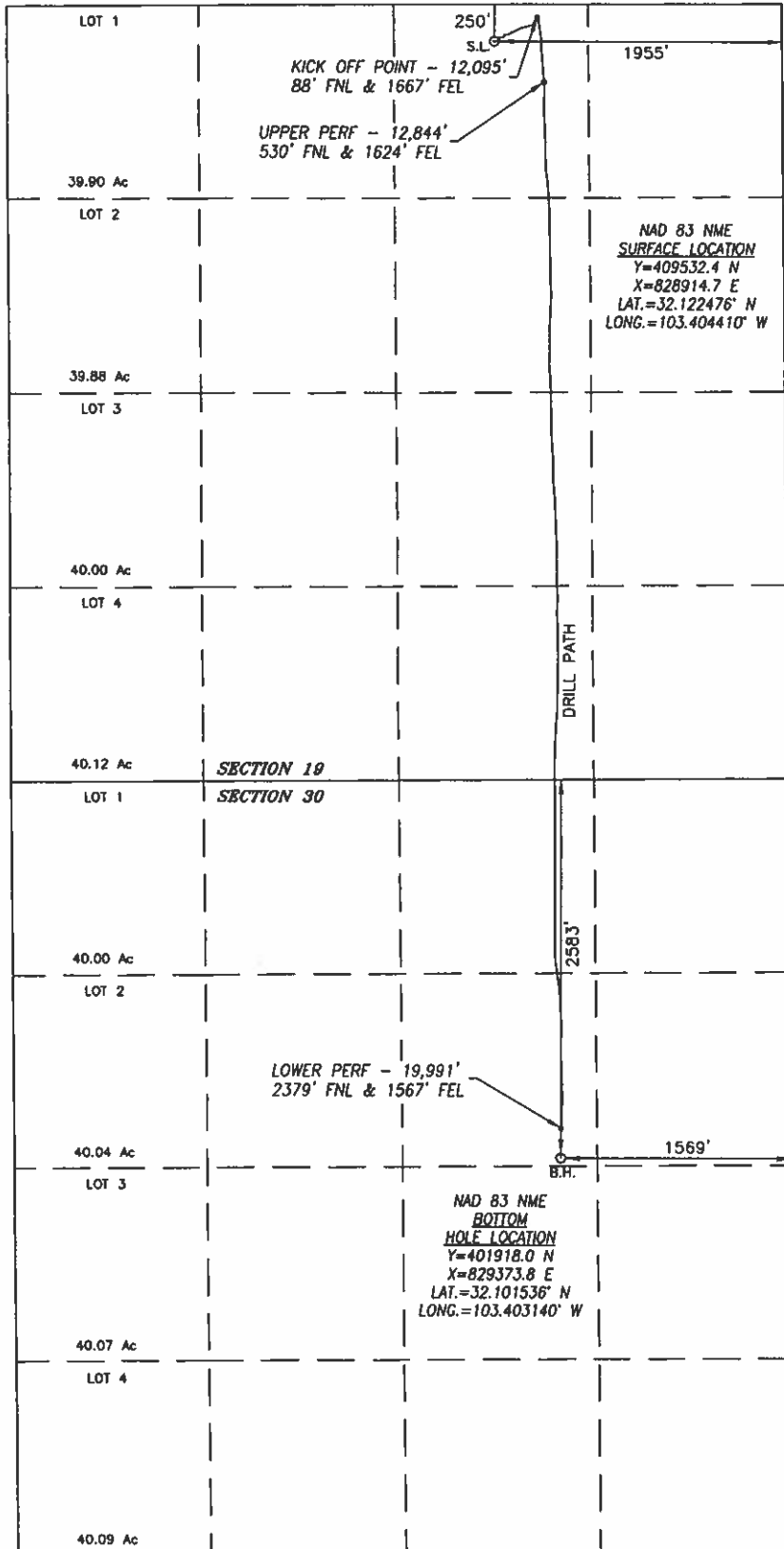
SEE PAGE 2

PAGE 1 OF 2

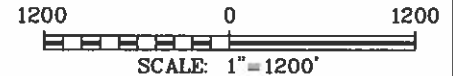
W.O. #20-1393

DRAWN BY: WN

Property Code 326533	Property Name PITCHBLENDE FEDERAL 19-30	Well Number 457H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3337.7'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE PITCHBLENDE FEDERAL 19-30 #457H SUPPLIED TO HARCROW SURVEYING, LLC ON OCTOBER 22, 2020



#### 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* 1/11/21  
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.

DEC. 5, 2019/MAR. 30, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 10/26/20

Certificate No. CHAD HARCROW 17777

**DISTRICT I**  
1525 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 393-6141 Fax: (505) 393-0730

**DISTRICT II**  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1253 Fax: (505) 748-8720

**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) 476-3468

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

As Drilled

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45667		Pool Code 96340	Pool Name Fairview Mills; Bone Spring
Property Code 326533	Property Name PITCHBLEND FEDERAL 19-30		Well Number 607H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3336.2'

**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	19	25-S	35-E		250	NORTH	1955	EAST	LEA

**Bottom Hole Location If Different From Surface**

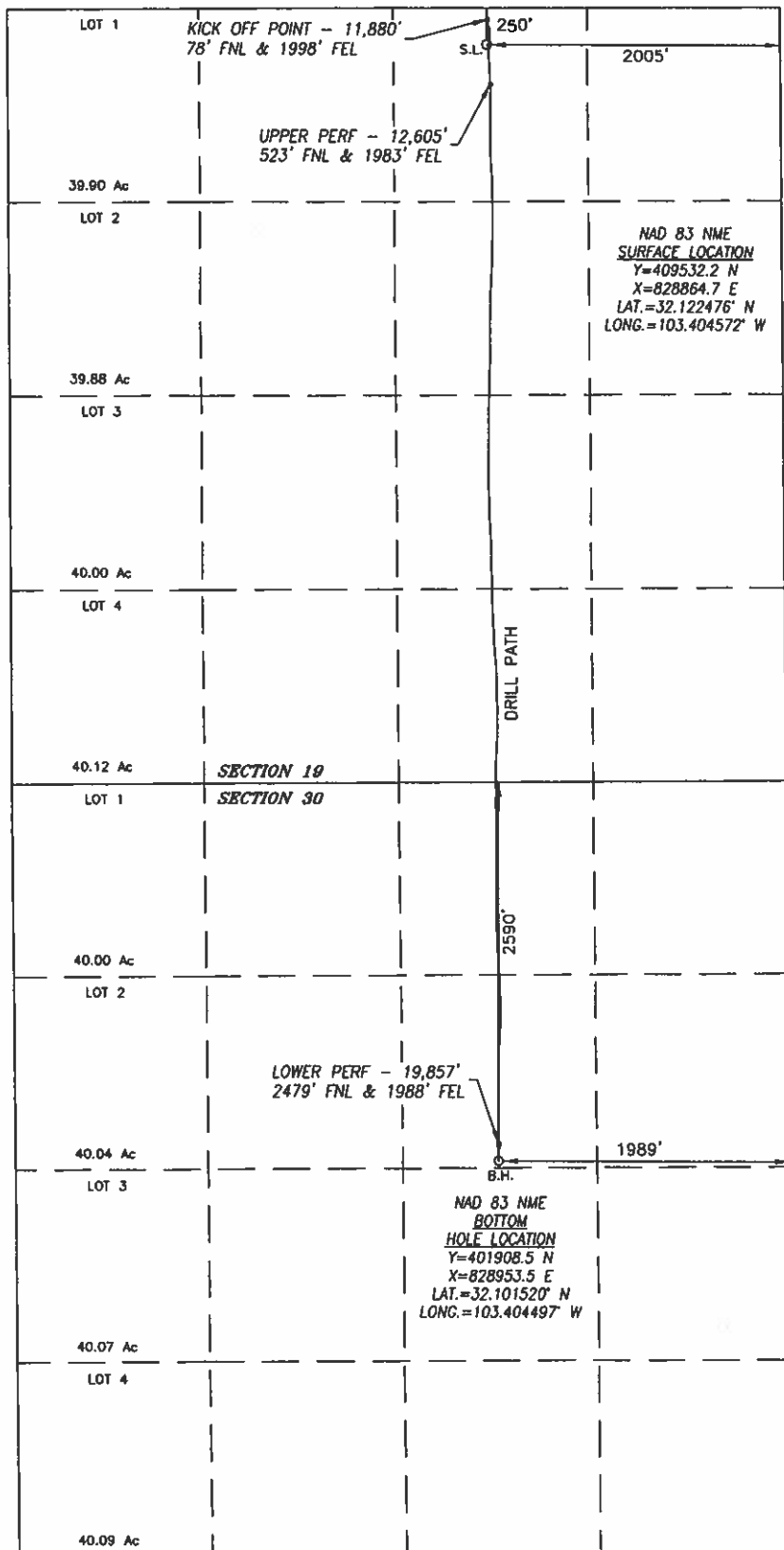
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	30	25-S	35-E		2590	NORTH	1989	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

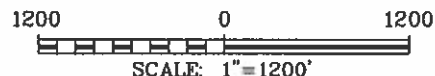
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 326533	Property Name PITCHBLENDE FEDERAL 19-30	Well Number 607H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3336.2'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE PITCHBLENDE FEDERAL 19-30 #607H SUPPLIED TO HARCROW SURVEYING, LLC ON OCTOBER 22, 2020



#### 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* 1/11/21  
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.

DEC. 5, 2019/MAR. 5, 2020

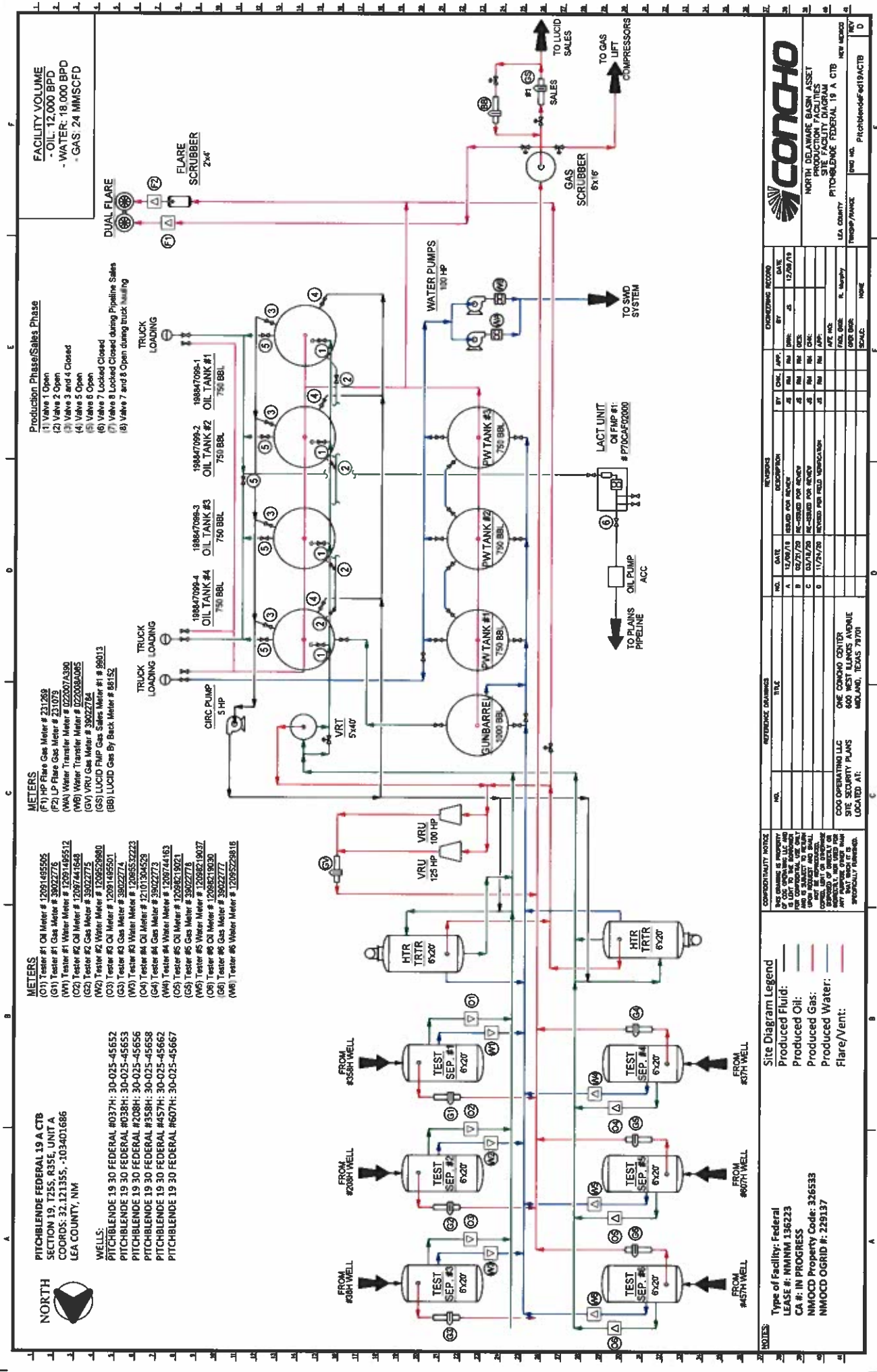
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

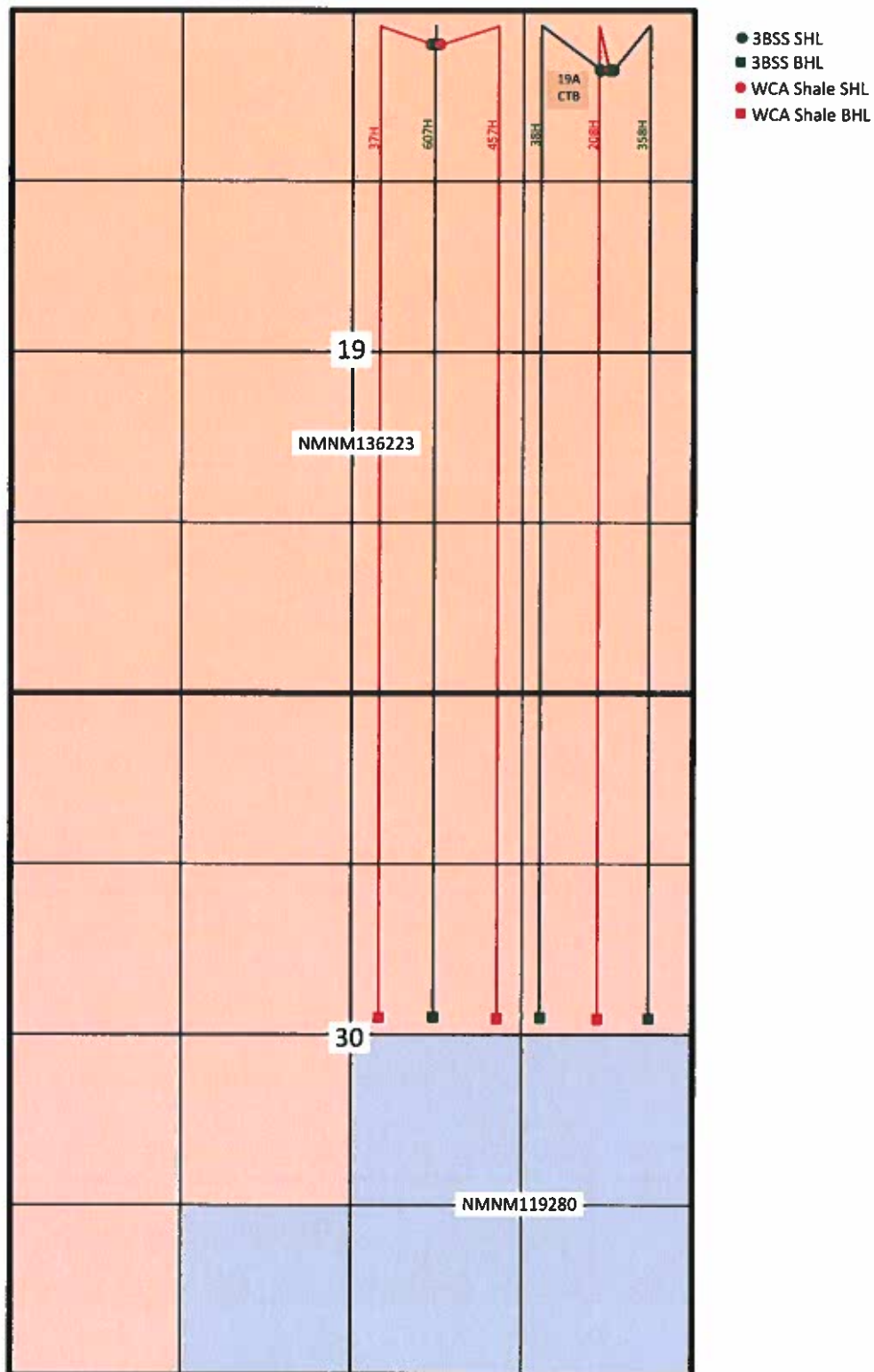


*Chad Harcrow* 10/26/20

Certificate No. CHAD HARCROW 17777

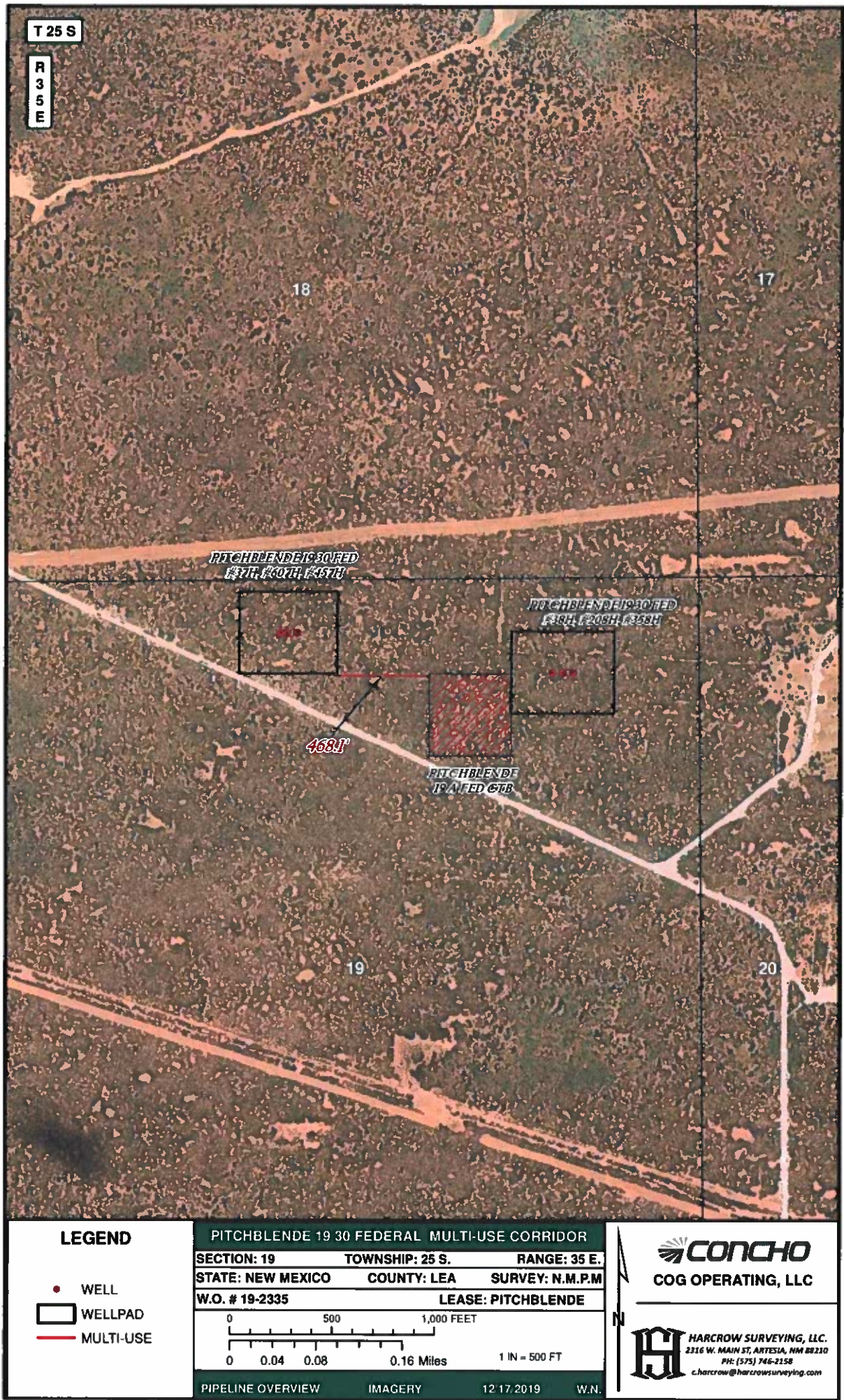


# Pitchblende Federal Wells



Sec. 19, 30-T25S-R35E  
Lea County, NM





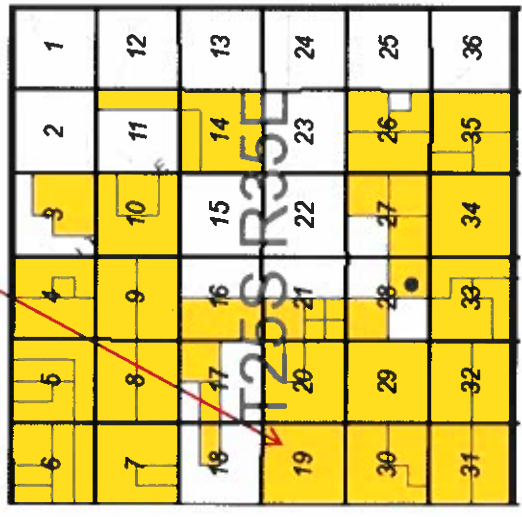


# Pitchblend 19 30 Fed 37H, 38H, 208H, 208H, 358H, 457H, 607H

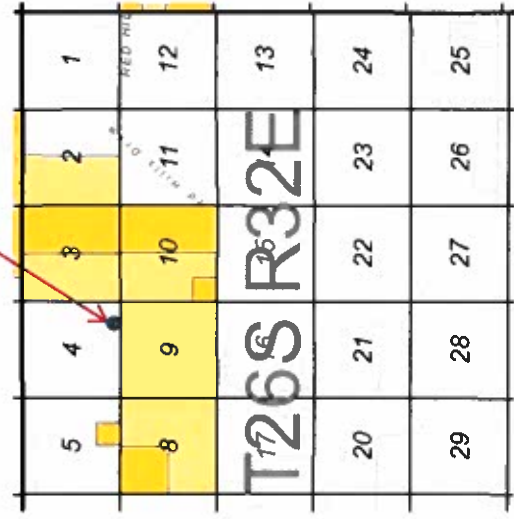
&

## Red Hills and Jal Offload Station Map

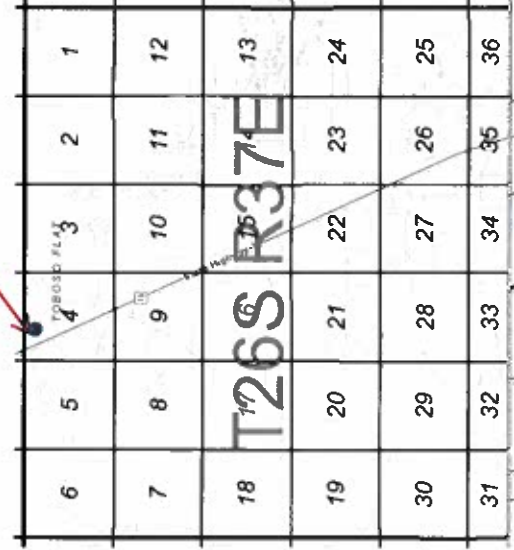
Pitchblend 19 30 Fed 37H, 38H,  
208H, 358H, 457H, 607H  
Lea County, NM



Red Hills Offload Station  
Lea County, NM



Jal Offload Station  
Lea County, NM







**Grant Bohls**  
Landman  
COG Operating LLC  
One Concho Center  
600 W. Illinois Avenue  
Midland, Texas 79701

12/1/2020

New Mexico Oil Conservation Division  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

Main: 432-683-7443  
Direct: 432-818-2379  
Gbohls@concho.com

**RE: Pitchblende 19-30 Fed 37H, 38H, 208H, 358H, 457H, 607H**

To whom it concerns:

I am the landman at Concho Resources LLC whose area of responsibility includes Sections 19 and 30 of Township 25 South, Range 35 East, Lea County, New Mexico.

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.

Respectfully,

A handwritten signature in black ink, appearing to read "Grant Bohls", written over a horizontal line.

Grant Bohls  
Landman

January 11, 2021

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

Re: Application for Administrative Approval of Pool Commingle and Off Lease Measurement

Dear Mr. McClure,

COG Operating LLC respectfully requests approval for pool commingling and Off Lease Measurement for the following wells:

Pitchblende 19 30 Federal 37H  
API# 30-025-45652  
Dogie Draw; Delaware  
Ut. B, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblende 19 30 Federal 38H  
API# 30-025-45653  
Fairview Mills; Bone Spring  
Ut. A, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblende 19 30 Federal 208H  
API# 30-025-45656  
Dogie Draw; Delaware  
Ut. A, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblende 19 30 Federal 358H  
API# 30-025-45658  
Fairview Mills; Bone Spring  
Ut. A, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblende 19 30 Federal 457H  
API# 30-025-45662  
Dogie Draw; Delaware  
Ut. B, Sec. 19-T25S-R35E  
Lea County, NM

Pitchblende 19 30 Federal 607H  
API# 30-025-45667  
Fairview Mills; Bone Spring  
Ut. B, Sec. 19-T25S-R35E  
Lea County, NM

**Oil Production:**

The oil production from all wells will be measured separately on-lease by allocation meter prior to being commingled at the heater treaters at the Central Tank Battery located in lease in Ut. A, Sec 19-T25S-R35E. In addition to the on-lease measurement, 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 on-lease by allocation meter prior to being commingled and entering a gas flow line to the gas custody transfer meter at the Central Tank Battery located in Ut. A, Sec. 19-T25S-R35E. The ETC gas sales meter # 99013.

All 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 the same percentages. Please see letter from OCD landman.

Please see the enclosed Administrative Application Checklist, C-107B Application for pool 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,

Jeanette Barron  
Regulatory Technician II

Pitchblende 19 30 Fed 37H, 38H, 208H, 358H, 457H, 607H PC

Date Sent	Initials	Name	Address	City	State	ZipCode	Certified Return Receipt No.	Delivered
01.14.21	JB	BLM	414 West Taylor	Hobbs	NM	88240	7017 3040 0000 1206 4692	



Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
Operator CopyFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM136223
2. Name of Operator COG OPERATING LLC Contact: MAYTE X REYES E-Mail: mreyes1@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287	3b. Phone No. (include area code) Ph: 575-748-6945	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T25S R35E 250FNL 2035FEL 32.121925 N Lat, 103.404648 W Lon		8. Well Name and No. PITCHBLEND FED 19-30 037H
		9. API Well No. 30-025-45652-00-X1
		10. Field and Pool or Exploratory Area WILDCAT; WOLFCAMP
		11. County or Parish, State LEA COUNTY, NM

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating respectfully requests approval for the following changes to the originally approved APD.

Casing Changes:  
See attached.

Formation Change:  
From: Doggie Draw; Delaware 97779  
To: Wildcat; Wolfcamp  
C102 attached.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #499094 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 01/15/2020 (20PP0964SE)</b>	
Name (Printed/Typed) MAYTE X REYES	Title SENIOR REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/14/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>DYLAN ROSSMANGO</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>02/20/2020</u>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



DISTRICT I  
1825 N. FRENCH DR., HOES, NM 88240  
Phone: (505) 395-6181 Fax: (505) 395-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 334-6178 Fax: (505) 334-6170

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) 476-3480 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 30-025-45652	Pool Code	Pool Name WILDCAT; WOLFCAMP
Property Code	Property Name PITCHBLEND FEDERAL 19-30	Well Number 37H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3336.8'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	25-S	35-E		250	NORTH	2035	EAST	LEA

**Bottom Hole Location If Different From Surface**

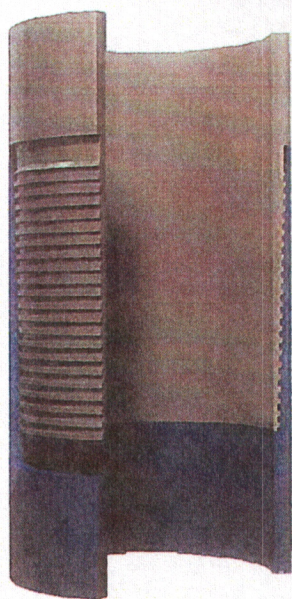
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	30	25-S	35-E		2590	NORTH	2430	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

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>OPERATOR CERTIFICATION</b></p> <p>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.</p> <p>Signature: <i>Mayte Reyes</i> Date: <i>1-9-2020</i></p> <p>Printed Name: <b>Mayte Reyes</b></p> <p>E-mail Address: <b>mreyes1@concho.com</b></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>DECEMBER 5, 2019</p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p></p> <p>Chad L. Harcrow 12/19/19</p> <p>Certificate No. CHAD HARCROW 17777</p> <p>W.O. # 19-2287 DRAWN BY: AH</p>





# TEC-LOCK FJ

7.625" 29.7 LB/FT (.375" Wall)

P110 HC

## Pipe Body Data

Nominal OD:	7.625	in
Nominal Wall:	0.375	in
Nominal Weight:	29.70	lb/ft
Plain End Weight:	29.22	lb/ft
Material Grade:	P110 HC	
Mill/Specification:	BORUSAN MANNESMANN	
Yield Strength:	110,000	psi
Tensile Strength:	125,000	psi
Nominal ID:	6.875	in
API Drift Diameter:	6.750	in
Special Drift Diameter:	NA	in
RBW:	87.5%	
Body Yield:	940,000	lbf
Burst:	9,460	psi
Collapse:	7,050	psi

## Connection Data

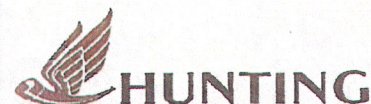
Standard OD:	7.625	in
Pin Bored ID:	6.875	in
Critical Section Area:	6.299	in <sup>2</sup>
Tensile Efficiency:	70.0%	
Compressive Efficiency:	61.9%	
Longitudinal Yield Strength:	658,000	lbf
Compressive Limit:	581,860	lbf
Internal Pressure Rating:	7,570	psi
External Pressure Rating:	7,050	psi
Maximum Bend:	26	°/100ft

## Operational Data

Minimum Makeup Torque:	3,600	ft*lb
Optimum Makeup Torque:	6,500	ft*lb
Maximum Makeup Torque:	9,400	ft*lb
Minimum Yield:	14,500	ft*lb
Makeup Loss:	5.97	in

## Notes Preliminary DataSheet

The Connection ratings are structural



Generated on Sep 05, 2019



Pitchblende Fed Com 19-30 37H

**Casing and BOP**

Interval	Hole Size	Casing Interval		Csg. Size	Weight	Grade	Conn.	BOP
		From	To		(lbs)			
Surface	14.5"	0	1028	10.75"	45.5	J55	BTC	
Intermediate	9.875"	0	8500	7.625"	29.7	L80 HC	BTC	5M
	8.75"	8300*	12100	7.625"	29.7	P-110 HC	Tech Lock Flush Joint	
Production	6.75"	0	11900	5.5"	23	P110	BTC	10M w/ 5M annular**
	6.75"	11900	20,298	5"	18	P110	BTC	

\*The Tech Lock Flush Joint by BTC cross over will be 200' above where the bit size changes from 9.875" to 8.75"

\*\*5M annular variance requested; 5M annular will be tested to 5000psi\*\*

**Cement:****Surface**

Lead: 300 sx 13.5#; 1.75 cuft/sx; 9.21 H2O Gal/sx; Class C + 4% Gel

Tail: 300 sx 14.8#; 1.34 cuft/sx; 6.34 H2O Gal/sx; Class C + 2% CaCl2

**Intermediate**

Lead: 875 sx 10.3#; 3.6 cuft/sx; 21.87 H2O Gal/sx; NeoCem

Tail: 150 sx 16.4#; 1.1 cuft/sx; 6.0 H2O Gal/sx; Class H

**Production**

Lead: 650 sx; 12.7#; 1.97 cuft/sx; 10.8 H2O Gal/sx; 35:65:6 H Blend

Tail: 985 sx; 14.5#; 1.22 cuft.sx; 5.56 H2O Gal/sx; 50:50:2 H Blend



## PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>COG Operating LLC</b>
<b>LEASE NO.:</b>	<b>NMNM136223</b>
<b>WELL NAME &amp; NO.:</b>	<b>Pitchblende Fed 19-30 37H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>450' FNL &amp; 2030' FEL</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>2590' FNL &amp; 2430' FEL</b>
<b>LOCATION:</b>	<b>Section 19, T 25S, R 35E, NMPM</b>
<b>COUNTY:</b>	<b>Lea County, New Mexico</b>

H2S	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input checked="" type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High
Variance	<input checked="" type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input checked="" type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input checked="" type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input type="checkbox"/> COM	<input type="checkbox"/> Unit

### A. CASING

1. The **10-3/4"** surface casing shall be set at approximately **1028'** (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
  - a. **If cement does not circulate to surface**, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
  - b. WOC time for a primary cement job will be a minimum of **8 hours** or **500 psi** compressive strength, whichever is greater. This is to include the lead cement.
  - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
  - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
2. The **7-5/8"** intermediate casing shall be cemented to surface.
  - a. **If cement does not circulate to surface**, see A.1.a, c & d.
  - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
3. The **5-1/2" and 5"** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.



**B. PRESSURE CONTROL**

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **10,000 (10M)** psi. **Variance approved to use a 5M annular. When conducting a BOP/BOPE test the annular shall be tested to 70% of the working pressure.**
3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

**DR 1/16/2020**

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM136223

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
PITCHBLEND FED 19-30 038H9. API Well No.  
30-025-45653-00-X110. Field and Pool or Exploratory Area  
WILDCAT BONE SPRING11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

COG OPERATING LLC

Contact: MAYTE X REYES

E-Mail: mreyes1@concho.com

3a. Address

ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)

Ph: 575-748-6945

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T25S R35E 450FNL 710FEL  
32.121914 N Lat, 103.400383 W Lon

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating respectfully requests approval for the following changes to the originally approved APD.

Casing Changes:  
See attached.

Formation Change:  
From: Doggie Draw; Delaware 97779  
To: Wildcat; Bone Spring  
C102 attached.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #499079 verified by the BLM Well Information System**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 01/16/2020 (20PP0980SE)**

Name (Printed/Typed) MAYTE X REYES

Title SENIOR REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/14/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By DYLAN ROSSMANGO

Title PETROLEUM ENGINEER

Date 01/16/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***



**Revisions to Operator-Submitted EC Data for Sundry Notice #499079**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM136223	NMNM136223
Agreement:		
Operator:	COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Tech Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	WILDCAT;BONE SPRING	WILDCAT BONE SPRING
Well/Facility:	PITCHBLENDE FEDERAL 19-30 38H Sec 19 T25S R35E NENE 450FNL 710FEL	PITCHBLENDE FED 19-30 038H Sec 19 T25S R35E 450FNL 710FEL 32.121914 N Lat, 103.400383 W Lon

**PECOS DISTRICT  
DRILLING OPERATIONS  
CONDITIONS OF APPROVAL EC499079**

<b>OPERATOR'S NAME:</b>	<b>COG Operating LLC</b>
<b>LEASE NO.:</b>	<b>NMNM136223</b>
<b>WELL NAME &amp; NO.:</b>	<b>Pitchblende Fed 19-30 38H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>450' FNL &amp; 710' FEL</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>2590' FNL &amp; 1170' FEL</b>
<b>LOCATION:</b>	<b>Section 19, T 25S, R 35E, NMPM</b>
<b>COUNTY:</b>	<b>Lea County, New Mexico</b>

H2S	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input checked="" type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High
Variance	<input checked="" type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input checked="" type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input checked="" type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input type="checkbox"/> COM	<input type="checkbox"/> Unit

**A. CASING**

1. The **10-3/4"** surface casing shall be set at approximately **1010'** (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
  - a. **If cement does not circulate to surface**, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
  - b. WOC time for a primary cement job will be a minimum of **8 hours** or **500 psi** compressive strength, whichever is greater. This is to include the lead cement.
  - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
  - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
2. The **7-5/8"** intermediate casing shall be cemented to surface.
  - a. **If cement does not circulate to surface**, see A.1.a, c & d.
  - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
3. The **5-1/2" and 5"** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

**B. PRESSURE CONTROL**

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **10,000 (10M)** psi. **Variance approved to use a 5M annular. When conducting a BOP/BOPE test the annular shall be tested to 70% of the working pressure.**
3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

**DR 1/16/2020**

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM136223

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
PITCHBLEND FED 19-30 208H9. API Well No.  
30-025-45656-00-X110. Field and Pool or Exploratory Area  
WILDCAT;WOLFCAMP11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

COG OPERATING LLC

Contact: MAYTE X REYES

E-Mail: mreyes1@concho.com

3a. Address

ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)

Ph: 575-748-6945

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T25S R35E 450FNL 660FEL  
32.121914 N Lat, 103.400223 W Lon

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating respectfully requests approval for the following changes to the originally approved APD.

Casing Changes:  
See attached.

Formation Change:  
From: Fairview Mills; Bone Spring  
To: Wildcat; Wolfcamp  
C102 attached.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #499091 verified by the BLM Well Information System****For COG OPERATING LLC, sent to the Hobbs****Committed to AFMSS for processing by PRISCILLA PEREZ on 01/15/2020 (20PP0963SE)**

Name (Printed/Typed) MAYTE X REYES

Title SENIOR REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/14/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By DYLAN ROSSMANGO

Title PETROLEUM ENGINEER

Date 01/16/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #499091**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM136223	NMNM136223
Agreement:		
Operator:	COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Tech Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	WILDCAT; WOLFCAMP	WILDCAT;WOLFCAMP
Well/Facility:	PITCHBLENDE FEDERAL 19-30 208H Sec 19 T25S R35E NENE 450FNL 660FEL	PITCHBLENDE FED 19-30 208H Sec 19 T25S R35E 450FNL 660FEL 32.121914 N Lat, 103.400223 W Lon



**PECOS DISTRICT  
DRILLING OPERATIONS  
CONDITIONS OF APPROVAL EC499091**

<b>OPERATOR'S NAME:</b>	<b>COG Operating LLC</b>
<b>LEASE NO.:</b>	<b>NMNM136223</b>
<b>WELL NAME &amp; NO.:</b>	<b>Pitchblende Fed 19-30 208H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>450' FNL &amp; 660' FEL</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>2590' FNL &amp; 750' FEL</b>
<b>LOCATION:</b>	<b>Section 19, T 25S, R 35E, NMPM</b>
<b>COUNTY:</b>	<b>Lea County, New Mexico</b>

H2S	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input checked="" type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High
Variance	<input checked="" type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input checked="" type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input checked="" type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input type="checkbox"/> COM	<input type="checkbox"/> Unit

**A. CASING**

1. The **10-3/4"** surface casing shall be set at approximately **1010'** (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
  - a. **If cement does not circulate to surface**, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
  - b. WOC time for a primary cement job will be a minimum of **8 hours** or **500 psi** compressive strength, whichever is greater. This is to include the lead cement.
  - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
  - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
2. The **7-5/8"** intermediate casing shall be cemented to surface.
  - a. **If cement does not circulate to surface**, see A.1.a, c & d.
  - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
3. The **5-1/2" and 5"** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

**B. PRESSURE CONTROL**

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **10,000 (10M)** psi. **Variance approved to use a 5M annular. When conducting a BOP/BOPE test the annular shall be tested to 70% of the working pressure.**
3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

**DR 1/16/2020**

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM136223

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
PITCHBLEND FED 19-30 457H9. API Well No.  
30-025-45662-00-X110. Field and Pool or Exploratory Area  
WILDCAT;WOLFCAMP11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

COG OPERATING LLC

Contact: MAYTE X REYES

E-Mail: mreyes1@concho.com

3a. Address

ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)

Ph: 575-748-6945

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T25S R35E 250FNL 1955FEL  
32.121922 N Lat, 103.404327 W Lon

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating respectfully requests approval for the following changes to the originally approved APD.

Casing Changes:  
See attached.

Formation Change:  
From: Fairview Mills; Bone Spring 996340  
To: Wildcat; Wolfcamp  
C102 attached.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #499109 verified by the BLM Well Information System**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 01/15/2020 (20PP0966SE)**

Name (Printed/Typed) MAYTE X REYES

Title SENIOR REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/14/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By DYLAN ROSSMANGO

Title PETROLEUM ENGINEER

Date 01/16/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #499109**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM136223	NMNM136223
Agreement:		
Operator:	COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Tech Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	FAIRVIEW MILLS; BS	WILDCAT;WOLFCAMP
Well/Facility:	PITCHBLENDE FEDERAL 19-30 457H Sec 19 T25S R35E NWNE 250FNL 1955FEL	PITCHBLENDE FED 19-30 457H Sec 19 T25S R35E 250FNL 1955FEL 32.121922 N Lat, 103.404327 W Lon



**PECOS DISTRICT  
DRILLING OPERATIONS  
CONDITIONS OF APPROVAL EC499109**

<b>OPERATOR'S NAME:</b>	<b>COG Operating LLC</b>
<b>LEASE NO.:</b>	<b>NMNM136223</b>
<b>WELL NAME &amp; NO.:</b>	<b>Pitchblende Fed 19-30 457H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>250' FNL &amp; 1955' FEL</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>2590' FNL &amp; 1590' FEL</b>
<b>LOCATION:</b>	<b>Section 19, T 25S, R 35E, NMPM</b>
<b>COUNTY:</b>	<b>Lea County, New Mexico</b>

H2S	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input checked="" type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High
Variance	<input checked="" type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input checked="" type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input checked="" type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input type="checkbox"/> COM	<input type="checkbox"/> Unit

**A. CASING**

1. The **10-3/4"** surface casing shall be set at approximately **1028'** (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
  - a. **If cement does not circulate to surface**, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
  - b. WOC time for a primary cement job will be a minimum of **8 hours** or **500 psi** compressive strength, whichever is greater. This is to include the lead cement.
  - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
  - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
2. The **7-5/8"** intermediate casing shall be cemented to surface.
  - a. **If cement does not circulate to surface**, see A.1.a, c & d.
  - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
3. The **5-1/2" and 5"** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

**B. PRESSURE CONTROL**

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **10,000 (10M)** psi. **Variance approved to use a 5M annular. When conducting a BOP/BOPE test the annular shall be tested to 70% of the working pressure.**
3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

**DR 1/16/2020**

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**5. Lease Serial No.  
NMNM136223

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
PITCHBLEND FED 19-30 607H9. API Well No.  
30-025-45667-00-X110. Field and Pool or Exploratory Area  
WILDCAT;WOLFCAMP11. County or Parish, State  
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

COG OPERATING LLC

Contact: MAYTE X REYES

E-Mail: mreyes1@concho.com

3a. Address

ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)

Ph: 575-748-6945

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 19 T25S R35E 250FNL 2005FEL  
32.122475 N Lat, 103.404564 W Lon

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

COG Operating respectfully requests approval for the following changes to the originally approved APD.

Casing Changes:  
See attached.

Formation Change:  
From: Doggie Draw; Wolfcamp 17980  
To: Wildcat; Bone Spring  
C102 attached.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #499090 verified by the BLM Well Information System**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 01/15/2020 (20PP0962SE)**

Name (Printed/Typed) MAYTE X REYES

Title SENIOR REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/14/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By DYLAN ROSSMANGO

Title PETROLEUM ENGINEER

Date 01/16/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

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.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #499090**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	APDCH NOI	APDCH NOI
Lease:	NMNM136223	NMNM136223
Agreement:		
Operator:	COG OPERATING LLC 2208 WEST MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Tech Contact:	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945	MAYTE X REYES SENIOR REGULATORY ANALYST E-Mail: mreyes1@concho.com  Ph: 575-748-6945
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	WILDCAT; BONE SPRING	WILDCAT;WOLFCAMP
Well/Facility:	PITCHBLENDE FEDERAL 19-30 607H Sec 19 T25S R35E NWNE 250FNL 2005FEL	PITCHBLENDE FED 19-30 607H Sec 19 T25S R35E 250FNL 2005FEL 32.122475 N Lat, 103.404564 W Lon



**PECOS DISTRICT  
DRILLING OPERATIONS  
CONDITIONS OF APPROVAL EC499090**

<b>OPERATOR'S NAME:</b>	<b>COG Operating LLC</b>
<b>LEASE NO.:</b>	<b>NMNM136223</b>
<b>WELL NAME &amp; NO.:</b>	<b>Pitchblende Fed 19-30 607H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>250' FNL &amp; 2005' FEL</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>2590' FNL &amp; 2010' FEL</b>
<b>LOCATION:</b>	<b>Section 19, T 25S, R 35E, NMPM</b>
<b>COUNTY:</b>	<b>Lea County, New Mexico</b>

H2S	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input checked="" type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High
Variance	<input checked="" type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input checked="" type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input checked="" type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input type="checkbox"/> COM	<input type="checkbox"/> Unit

**A. CASING**

1. The **10-3/4"** surface casing shall be set at approximately **1028'** (a minimum of 25' into the Rustler Anhydrite and above the salt) and cemented to surface.
  - a. **If cement does not circulate to surface**, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of **6 hours** after pumping cement, ideally between 8-10 hours after.
  - b. WOC time for a primary cement job will be a minimum of **8 hours** or **500 psi** compressive strength, whichever is greater. This is to include the lead cement.
  - c. If cement falls back, remedial cementing will be done prior to drilling out the shoe.
  - d. WOC time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 psi compressive strength, whichever is greater.
2. The **7-5/8"** intermediate casing shall be cemented to surface.
  - a. **If cement does not circulate to surface**, see A.1.a, c & d.
  - b. This casing must be kept at least 1/3 full at all times in order to meet BLM collapse requirements.
3. The **5-1/2" and 5"** production casing shall be cemented with at least **200' tie-back** into the previous casing. Operator shall provide method of verification.

**B. PRESSURE CONTROL**

1. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **10,000 (10M)** psi. **Variance approved to use a 5M annular. When conducting a BOP/BOPE test the annular shall be tested to 70% of the working pressure.**
3. Required safety valves, with appropriate wrenches and subs for the drill string being utilized, will be in the open position and accessible on the rig floor.

**DR 1/16/2020**

**From:** [Engineer, OCD, EMNRD](#)  
**To:** [Jeanette Barron](#)  
**Cc:** [McClure, Dean, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Kautz, Paul, EMNRD](#); [lisa@rwbyram.com](mailto:lisa@rwbyram.com); [Glover, James](#); [kparadis@blm.gov](mailto:kparadis@blm.gov); [Walls, Christopher](#)  
**Subject:** Approved Administrative Order PC-1389  
**Date:** Friday, January 22, 2021 10:54:42 AM  
**Attachments:** [PC1389 Order.pdf](#)

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NMOCD has issued Administrative Order PC-1389 which authorizes COG Operating, LLC (229137) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	Location (NMPM)	Pool Code
30-025-45652	Pitchblende 19 30 Federal #37H	B-19-25S-35E	17980
30-025-45653	Pitchblende 19 30 Federal #38H	A-19-25S-35E	96340
30-025-45656	Pitchblende 19 30 Federal #208H	A-19-25S-35E	17980
30-025-45658	Pitchblende 19 30 Federal #358H	A-19-25S-35E	96340
30-025-45662	Pitchblende 19 30 Federal #457H	B-19-25S-35E	17980
30-025-45667	Pitchblende 19 30 Federal #607H	B-19-25S-35E	96340

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.

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





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

**APPLICATION FOR SURFACE COMMINGLING  
SUBMITTED BY COG OPERATING, LLC**

**ORDER NO. PC-1389**

**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. COG Operating, LLC (“Operator”) submitted a complete application to surface commingle and off-lease measure the oil and gas production ("Application") from the pools, leases, and wells identified in Exhibit A.
2. To the extent that ownership is identical, Operator 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.
3. Operator proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
4. To the extent that ownership is diverse, Operator 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. Operator provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Operator certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.

**CONCLUSIONS OF LAW**

7. 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, and 19.15.12 NMAC.
8. Operator satisfied the notice requirements for the Application in accordance with 19.15.12.10(A)(2), (C)(4)(c), and (C)(4)(e) NMAC, as applicable.
9. Operator’s proposed method of allocation, as modified herein, complies with 19.15.12.10(B)(1) or (C)(1) NMAC, as applicable.

10. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10(B)(3) and (C)(4)(h) NMAC.
11. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

### **ORDER**

1. Operator is authorized to surface commingle and off-lease measure oil and gas production from the pools, leases, and wells identified in Exhibit A.
2. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
3. Operator shall measure the commingled oil at a central tank battery described in Exhibit A in accordance with 19.15.18.15 NMAC or 19.15.23.8 NMAC.
4. Operator shall measure the commingled gas at a central delivery point or central tank battery described in Exhibit A in accordance with 19.15.19.9 NMAC, provided however that if the gas is flared, and regardless of whether OCD has granted an exception pursuant to 19.15.18.12(B) NMAC, Operator shall report the gas in accordance with 19.15.18.12(F) NMAC.
5. Operator shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10(C)(2) NMAC.
6. 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 Operator 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 Operator 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.
7. Operator shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
8. OCD retains jurisdiction and reserves the right to modify or revoke this Order as it deems necessary to prevent waste or protect correlative rights, public health, or the environment.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**

A handwritten signature in black ink, appearing to read 'AS', is written over a horizontal line.

**ADRIENNE SANDOVAL  
DIRECTOR**

AS/dm

**DATE:** 1/20/2021

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit A

Order: **PC-1389**

Operator: **COG Operating, LLC (229137)**

Central Tank Battery: **Pitchblende Federal 19 A Central Tank Battery**

Central Tank Battery Location (NMPM): **Unit A, Section 19, Township 25 South, Range 35 East**

Central Tank Battery: **Red Hills Offload Station**

Central Tank Battery Location (NMPM): **Unit O, Section 4, Township 26 South, Range 32 East**

Central Tank Battery: **Jal Offload Station**

Central Tank Battery Location (NMPM): **Unit D, Section 4, Township 26 South, Range 37 East**

Gas Custody Transfer Meter Location (NMPM): **Unit A, Section 19, Township 25 South, Range 35 East**

### Pools

Pool Name	Pool Code
<b>FAIRVIEW MILLS; BONE SPRING</b>	<b>96340</b>
<b>DOGIE DRAW; WOLFCAMP</b>	<b>17980</b>

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

Lease	Location (NMPM)
<b>NMNM 136223</b>	<b>E/2 Sec 19, NE/4 Sec 30 T25S-R35E</b>

### Wells

Well API	Well Name	Location (NMPM)	Pool Code
<b>30-025-45652</b>	<b>Pitchblende 19 30 Federal #37H</b>	<b>B-19-25S-35E</b>	<b>17980</b>
<b>30-025-45653</b>	<b>Pitchblende 19 30 Federal #38H</b>	<b>A-19-25S-35E</b>	<b>96340</b>
<b>30-025-45656</b>	<b>Pitchblende 19 30 Federal #208H</b>	<b>A-19-25S-35E</b>	<b>17980</b>
<b>30-025-45658</b>	<b>Pitchblende 19 30 Federal #358H</b>	<b>A-19-25S-35E</b>	<b>96340</b>
<b>30-025-45662</b>	<b>Pitchblende 19 30 Federal #457H</b>	<b>B-19-25S-35E</b>	<b>17980</b>
<b>30-025-45667</b>	<b>Pitchblende 19 30 Federal #607H</b>	<b>B-19-25S-35E</b>	<b>96340</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 14439

**CONDITIONS OF APPROVAL**

Operator: COG OPERATING LLC      600 W Illinois Ave      Midland, TX79701			OGRID: 229137	Action Number: 14439	Action Type: C-107B
OCD Reviewer	Condition				
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval.				