



January 12, 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 Production LLC respectfully requests approval for pool commingling and Off Lease Measurement for the following wells:

Eider Federal 101H
API# 30-025-44629
Wildcat; Bone Spring
Ut. M, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 102H
API# 30-025-44630
Wildcat; Bone Spring
Ut. M, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 103H
API# 30-025-44631
Wildcat; Bone Spring
Ut. N, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 104H
API# 30-025-44632
Wildcat; Bone Spring
Ut. N, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 201H
API# 30-025-44634
Wildcat; Bone Spring
Ut. M, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 202H
API# 30-025-44627
Wildcat; Bone Spring
Ut. M, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 203H
API# 30-025-44635
Wildcat; Bone Spring
Ut. N, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 204H
API# 30-025-44636
Wildcat; Bone Spring
Ut. N, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 301H
API# 30-025-44628
Wildcat; Bone Spring
Ut. M, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 302H
API# 30-025-44637
Wildcat; Bone Spring
Ut. M, Sec. 35-T24S-R32E
Lea County, NM

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



Eider Federal 303H
API# 30-025-44638
Wildcat; Bone Spring
Ut. N, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 304H
API# 30-025-44639
Wildcat; Bone Spring
Ut. N, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 206H
API# 30-025-44880
WC-025 G-09 S253309P; UPPER WOLFCAMP
Ut. O, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 305H
API# 30-025-44882
WC-025 G-09 S253309P; UPPER WOLFCAMP
Ut. O, Sec. 35-T24S-R32E
Lea County, NM

Eider Federal 306H
API# 30-025-44883
WC-025 G-09 S253309P; UPPER WOLFCAMP
Ut. O, Sec. 35-T24S-R32E
Lea County, NM

Oil Production:

The oil production from all wells will be measured separately by allocation meter prior to being commingled at the heater treaters at the Central Tank Battery located in lease in Ut. N, Sec 35-T24S-R32E. 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 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. N, Sec. 4-T24S-R32E. The Lucid gas sales meter # 14466.

No owner notification is necessary. A letter from a certified Landman stating all owners and interest are identical is enclosed.

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 and prior six month's production.

Thank you for your attention to this matter.

Sincerely,

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

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 Production, LLC	OGRID Number: 217955
Well Name: Eider Federal 101H Plus (14) more wells please see attached	API: 30-025-44629
Pool: Wildcat; Bone Springs & WC-025 G-09 S253309P; UPPER WOLFCAMP	Pool Code: 97784 & 98180

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	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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

1/12/21

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 PRODUCTION 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
98180 WC-025 G-09 S253309P; UPR WOLFCAMP	48.53/1347	46.1/1176			
97784 WC-025 G-06 S253201M; UPPER BONE SPR	45.45/1132				

(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: Jeanette Barron

TITLE: Regulatory Technician II

DATE: 1/12/21

TYPE OR PRINT NAME Jeanette Barron TELEPHONE NO.: 575.748.6974

E-MAIL ADDRESS: jbarron@concho.com

DISTRICT I
1626 N. FRENCH DR., ROBBES, 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) 748-0720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 30-025-44629		Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314913	Property Name EIDER FEDERAL		Well Number 101H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC		Elevation 3521.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	24-S	32-E		240	SOUTH	1020	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24-S	32-E		2410	SOUTH	356	WEST	LEA

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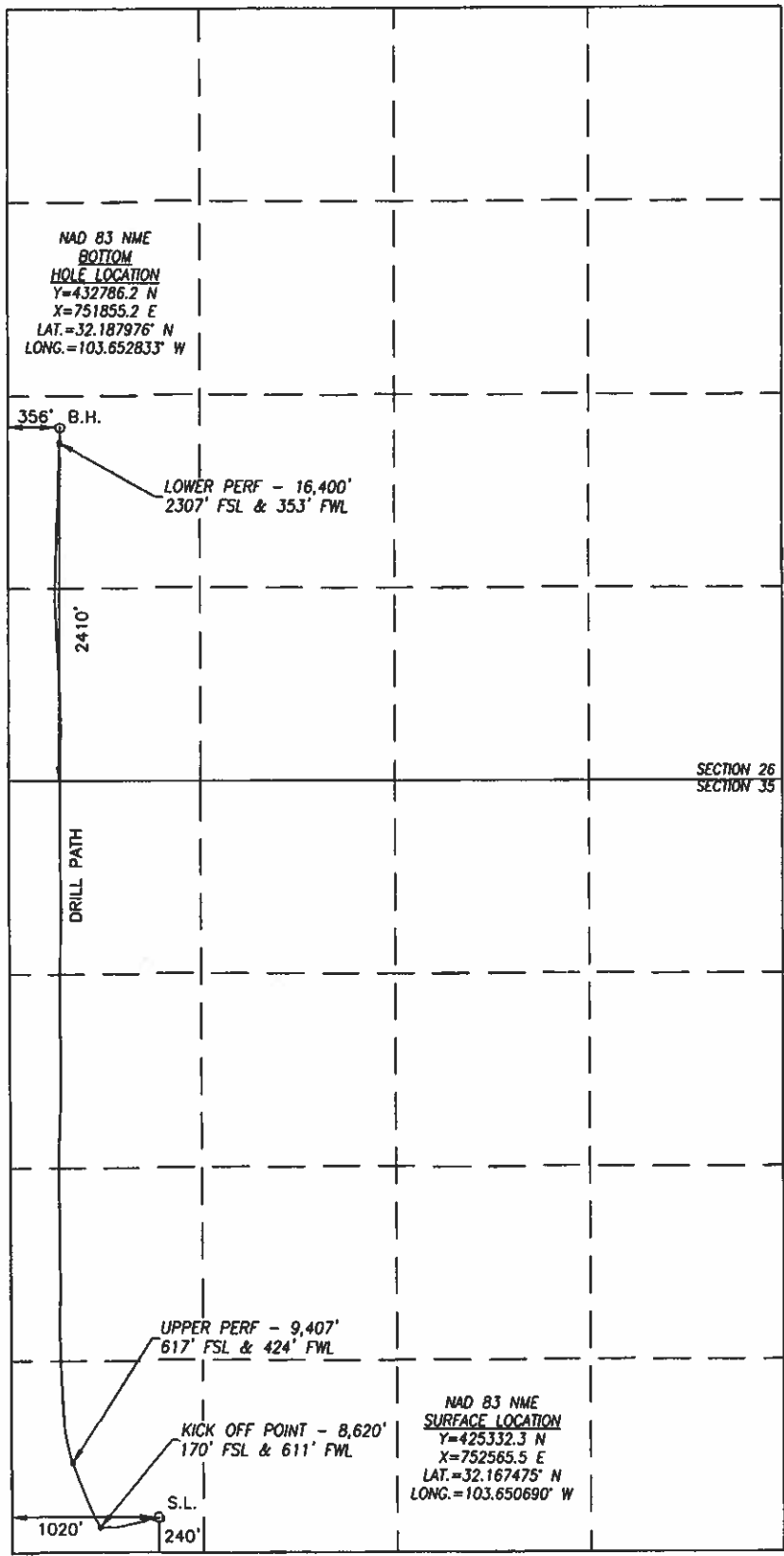
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

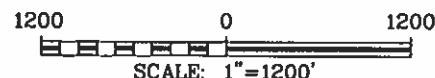
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PAGE 1 OF 2
DRAWN BY: WN

Property Code 314193	Property Name EIDER FEDERAL	Well Number 101H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3521.7'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG PRODUCTION, LLC FOR THE EIDER
FEDERAL #101H SUPPLIED TO HARCROW
SURVEYING, LLC ON FEBRUARY 28, 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 1/12/21
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.

AUG. 25, 2017/SEPT. 12, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 3/1/19
Certificate No. CHAD HARCROW 17777

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

DISTRICT II
611 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
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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44630	Pool Code 97784	Pool Name WC025G06S223421L - Bone Spring
Property Code 314913	Property Name EIDER FEDERAL	Well Number 102H
OGRID No.	Operator Name COG PRODUCTION, LLC	Elevation 3522.3'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	24-S	32-E		240	SOUTH	1080	WEST	LEA

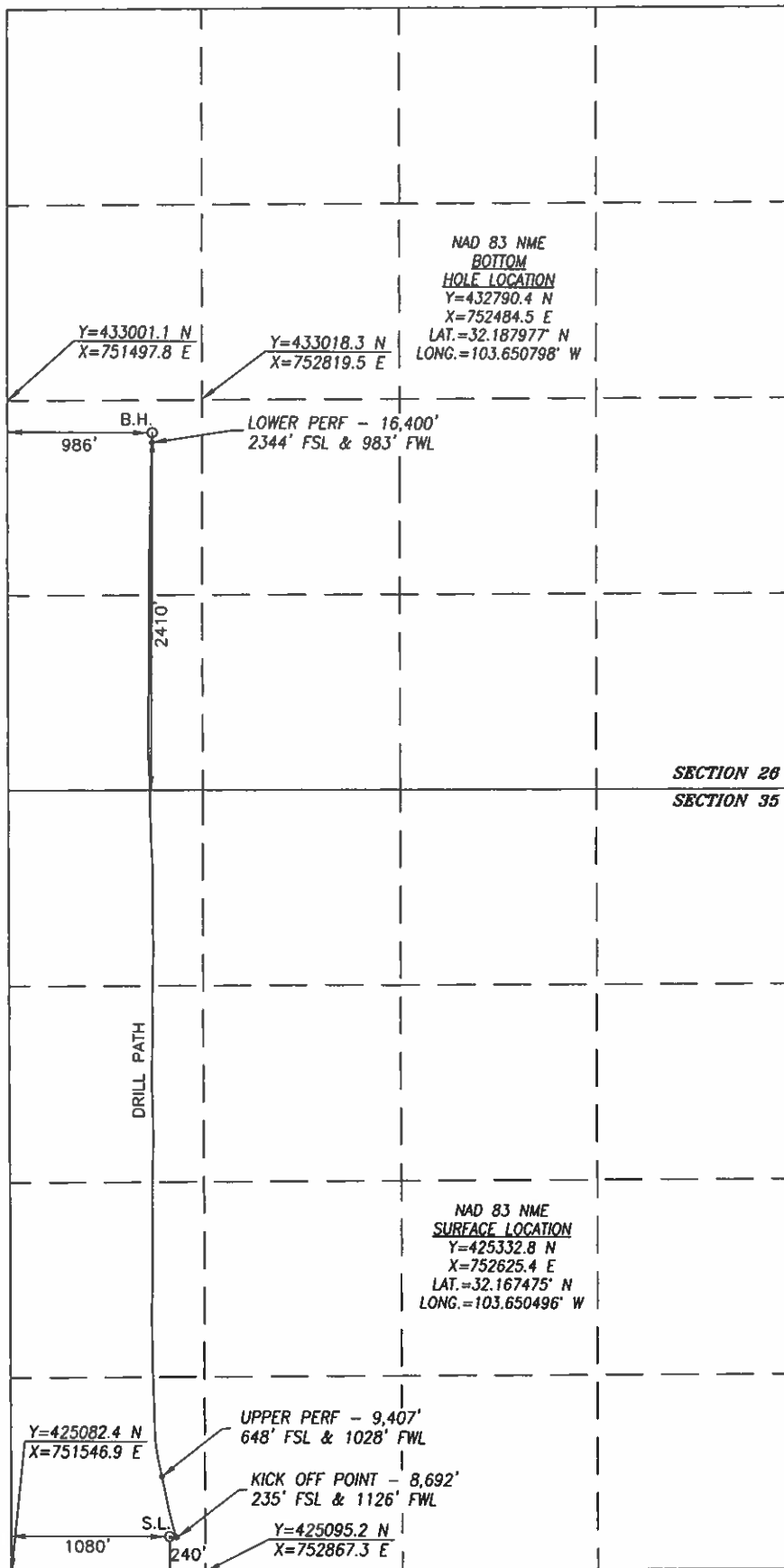
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24-S	32-E		2410	SOUTH	986	WEST	LEA
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

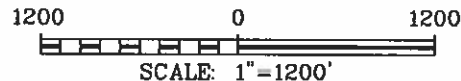
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314913	Property Name EIDER FEDERAL	Well Number 102H
OGRID No. 229137	Operator Name COG PRODUCTION, LLC	Elevation 3522.3'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE EIDER FEDERAL
#102H SUPPLIED TO HARCROW SURVEYING, LLC
ON FEBRUARY 4, 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.

Jeannette Barron 1/12/21
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.

AUG. 25, 2017/AUG. 1, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 2/11/19
Certificate No. CHAD HARCROW 17777

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-0161 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 30-025-44631		Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL		Well Number 103H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC		Elevation 3525.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	24-S	32-E		240	SOUTH	2000	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2410	SOUTH	1665	WEST	LEA
Dedicated Acres		Joint or Infill	Consolidation Code		Order No.				

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

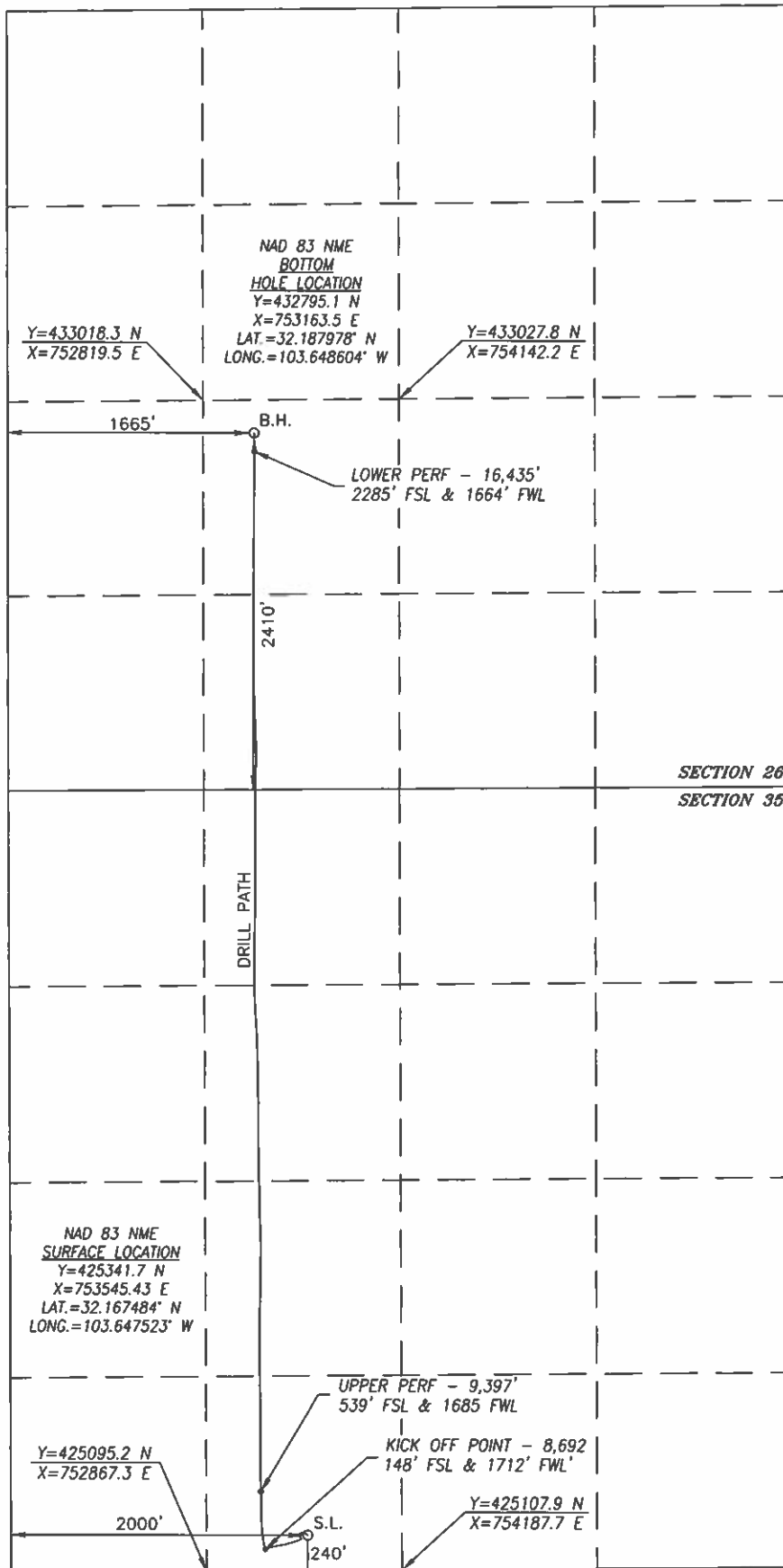
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PAGE 1 OF 2

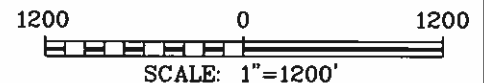
W.O. #19-165

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Property Code	Property Name EIDER FEDERAL	Well Number 103H
OGRID No.	Operator Name COG PRODUCTION, LLC	Elevation 3525.4'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE EIDER FEDERAL #103H SUPPLIED TO HARCROW SURVEYING, LLC ON JANUARY 29, 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 1/12/21
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.

JUNE 22, 2017/AUG. 20, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 2/11/19
Certificate No. CHAD HARCROW 17777

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) 748-1263 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) 478-3480 Fax: (505) 478-3482State 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 30-025-44632	Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL	Well Number 104H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3526.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	24-S	32-E		240	SOUTH	2060	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2409	SOUTH	2323	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

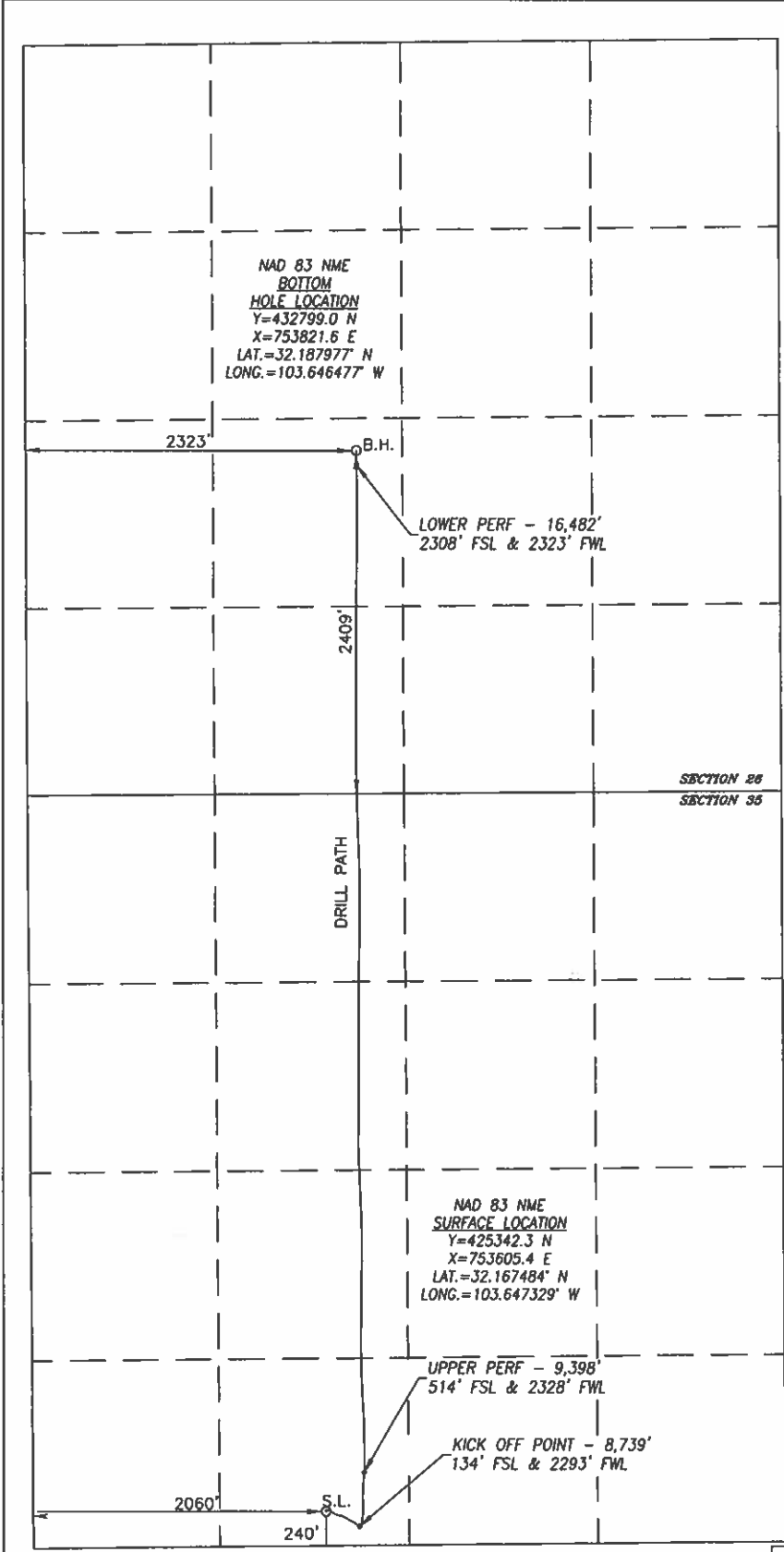
SEE PAGE 2

PAGE 1 OF 2

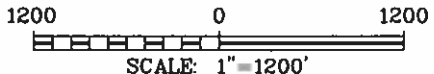
W.O. #19-596

DRAWN BY: WN

Property Code 314193	Property Name EIDER FEDERAL	Well Number 104H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3526.1'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG PRODUCTION, LLC FOR THE EIDER
FEDERAL #104H SUPPLIED TO HARCROW
SURVEYING, LLC ON MARCH 26, 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 1/12/21
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.

JUNE 22, 2017/JULY 19, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 4/17/19
Certificate No. CHAD HARCROW 17777
W.O. #19-596 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) 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) 476-3460 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44634		Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314913	Property Name EIDER FEDERAL		Well Number 201H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC		Elevation 3521.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	24-S	32-E		240	SOUTH	1050	WEST	LEA

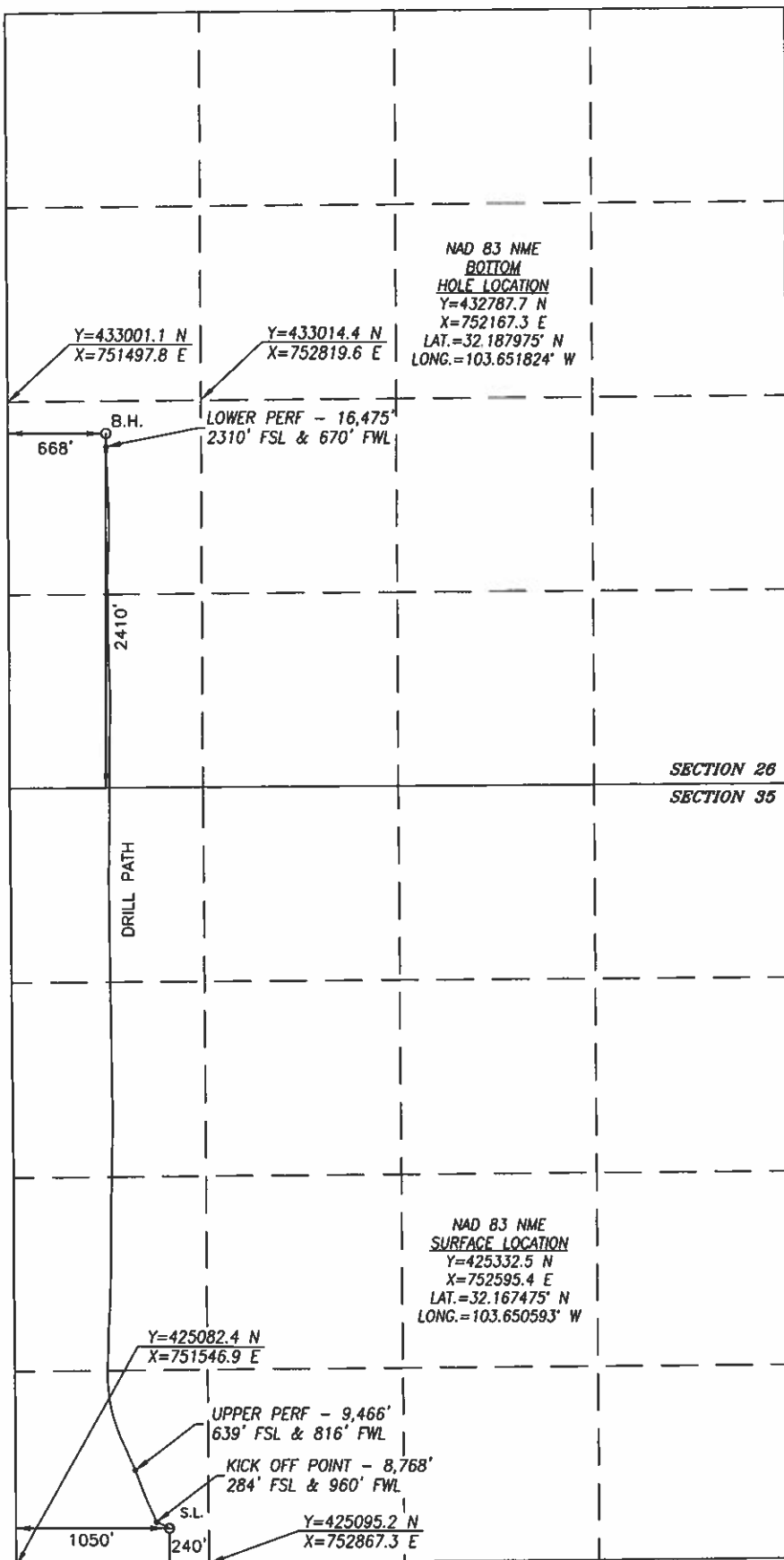
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24-S	32-E		2410	SOUTH	668	WEST	LEA
Dedicated Acres		Joint or Infill	Consolidation Code		Order No.				

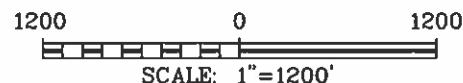
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314193	Property Name EIDER FEDERAL	Well Number 201H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3521.7'



**BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG PRODUCTION, LLC FOR THE EIDER
FEDERAL #201H SUPPLIED TO HARCROW
SURVEYING, LLC ON JANUARY 28, 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.

Jeannette Bamon 1/12/21
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.

AUG. 25, 2017/AUG. 21, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad HARCROW 2/11/19
Certificate No. CHAD HARCROW 17777

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6181 Fax: (575) 393-9780

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 87506
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 30-025-44627	Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL	
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	
		Well Number 202H
		Elevation 3522.3'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	24-S	32-E		210	SOUTH	1080	WEST	LEA

Bottom Hole Location If Different From Surface

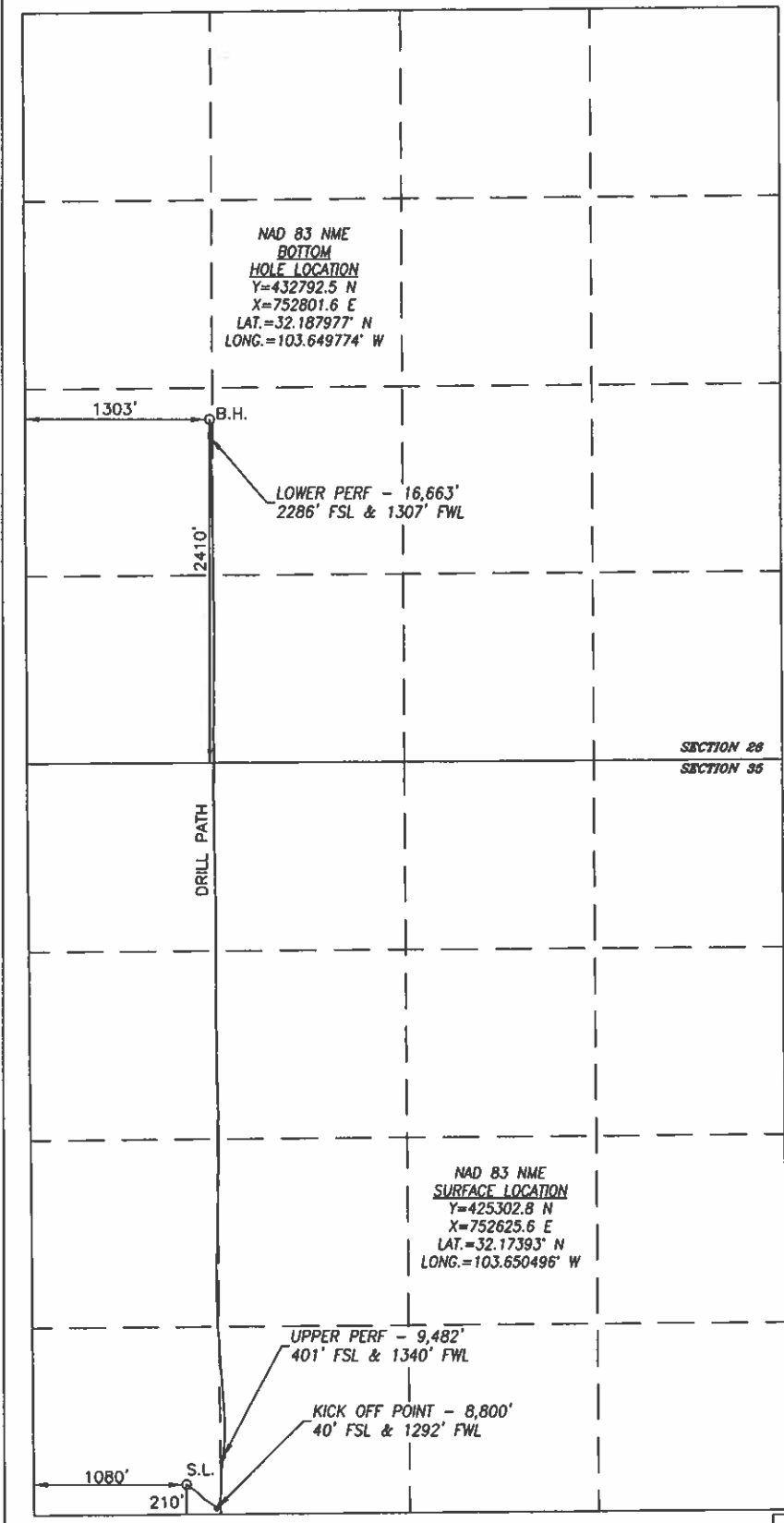
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24-S	32-E		2410	SOUTH	1303	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
240			

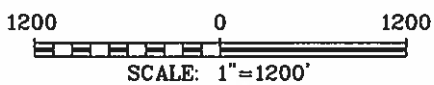
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314193	Property Name EIDER FEDERAL	Well Number 202H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3522.3'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG PRODUCTION, LLC FOR THE EIDER
FEDERAL #202H SUPPLIED TO HARCROW
SURVEYING, LLC ON MARCH 26, 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 1/12/21
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.

AUG. 25, 2017/JULY 8, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 4/16/19
Certificate No. CHAD HARCROW 17777
W.O. #19-591 DRAWN BY: WN

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
611 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) 476-3460 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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44635	Pool Code 97784	Pool Name WC025G06S253201M Bone Spring
Property Code 314913	Property Name EIDER FEDERAL	
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Well Number 203H Elevation 3525.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	24-S	32-E		240	SOUTH	2030	WEST	LEA

Bottom Hole Location If Different From Surface

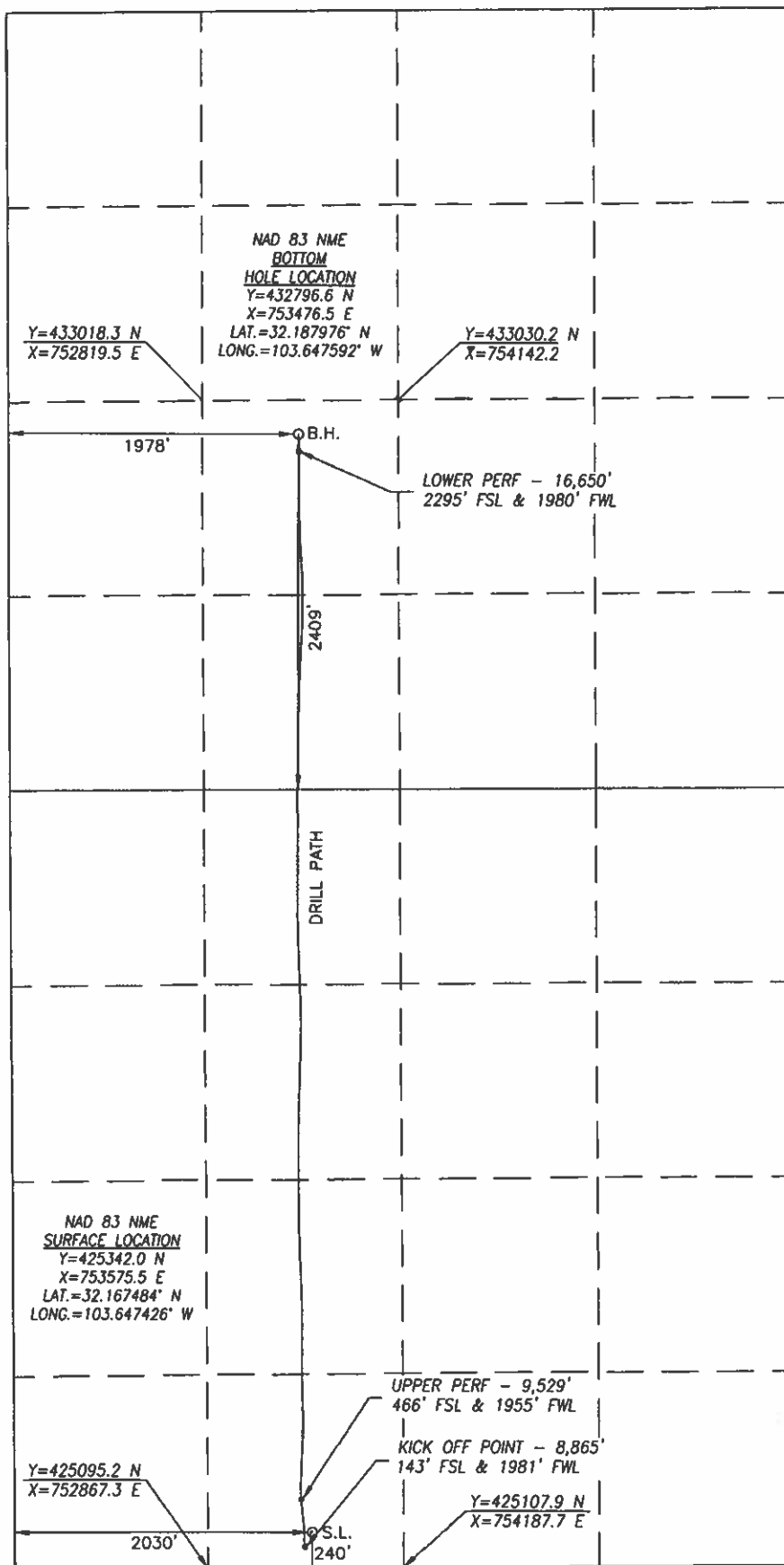
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2409	SOUTH	1978	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

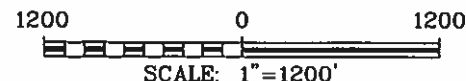
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code	Property Name EIDER FEDERAL	Well Number 203H
OGRID No.	Operator Name COG PRODUCTION, LLC	Elevation 3525.8'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE EIDER FEDERAL
#203H SUPPLIED TO HARCROW SURVEYING, LLC
ON JANUARY 29, 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 1/12/21
Signature Date

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.

JUNE 22, 2017/AUG. 27, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 2/11/19
Certificate No. CHAD HARCROW 17777

W.O. #19-166

DRAWN BY: WN

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6181 Fax: (575) 393-0720

DISTRICT II
611 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) 476-3460 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

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44636	Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314913	Property Name EIDER FEDERAL	Well Number 204H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	24-S	32-E		210	SOUTH	2060	WEST	LEA

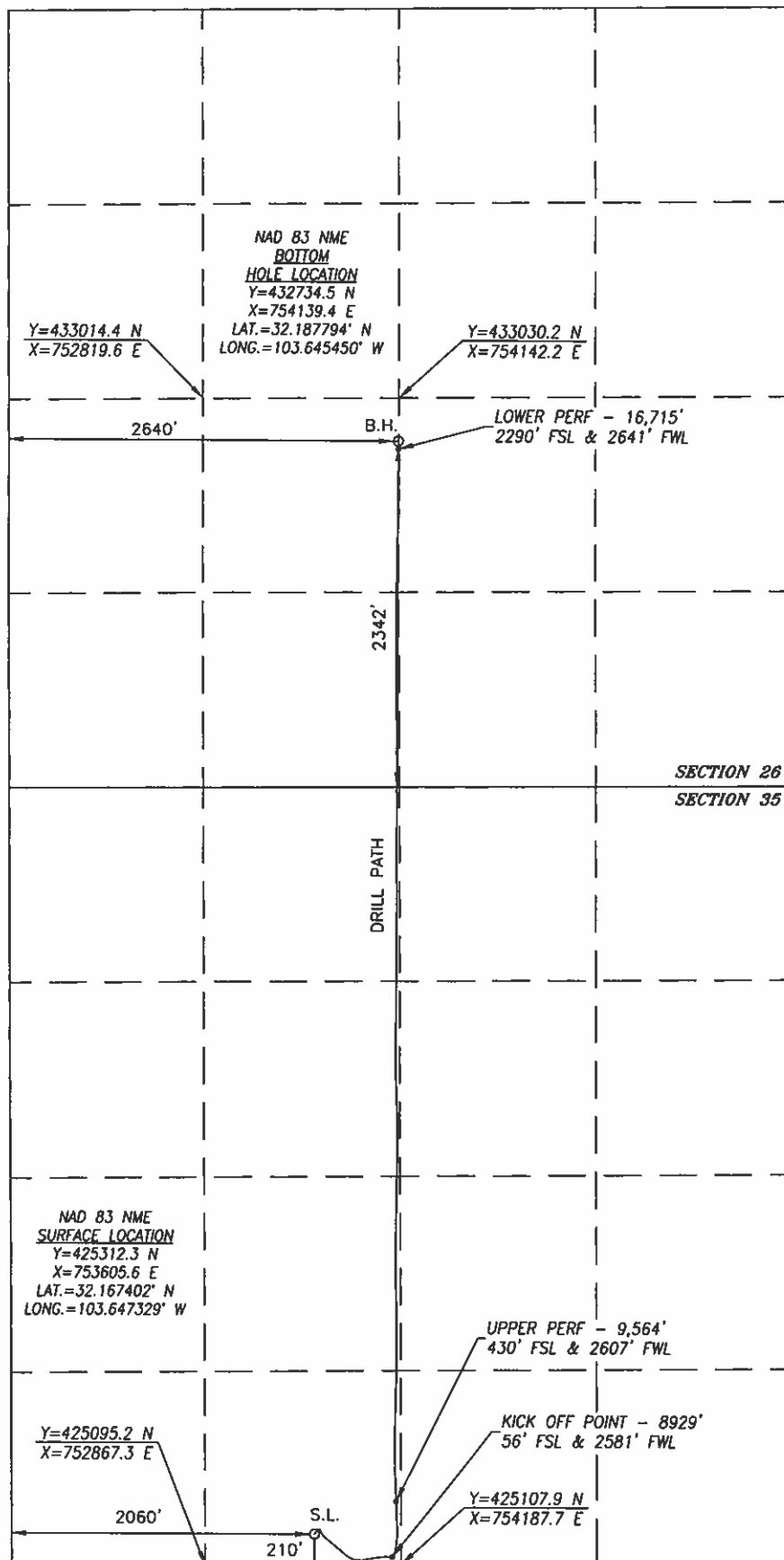
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2342	SOUTH	2640	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

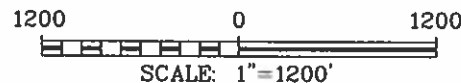
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314913	Property Name EIDER FEDERAL	Well Number 204H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.8'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE EIDER FEDERAL
#204H SUPPLIED TO HARCROW SURVEYING, LLC
ON FEBRUARY 4, 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 1/12/21
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.

JUNE 22, 2017/JULY 2, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 00/00/19
Certificate No. CHAD HARCROW 17777
W.O. #19-199 DRAWN BY: WN

DISTRICT I

1625 N. FRENCH DR., HOHES, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II

811 S. FIRST ST., ARTESIA, NM 88210
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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

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Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44880	Pool Code 98180	Pool Name WC-025 G-09 S253309P; UPPER WOLFCAMP
Property Code 314193	Property Name EIDER FEDERAL	
		Well Number 206H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	
		Elevation 3529.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	35	24-S	32-E		210	SOUTH	2230	EAST	LEA

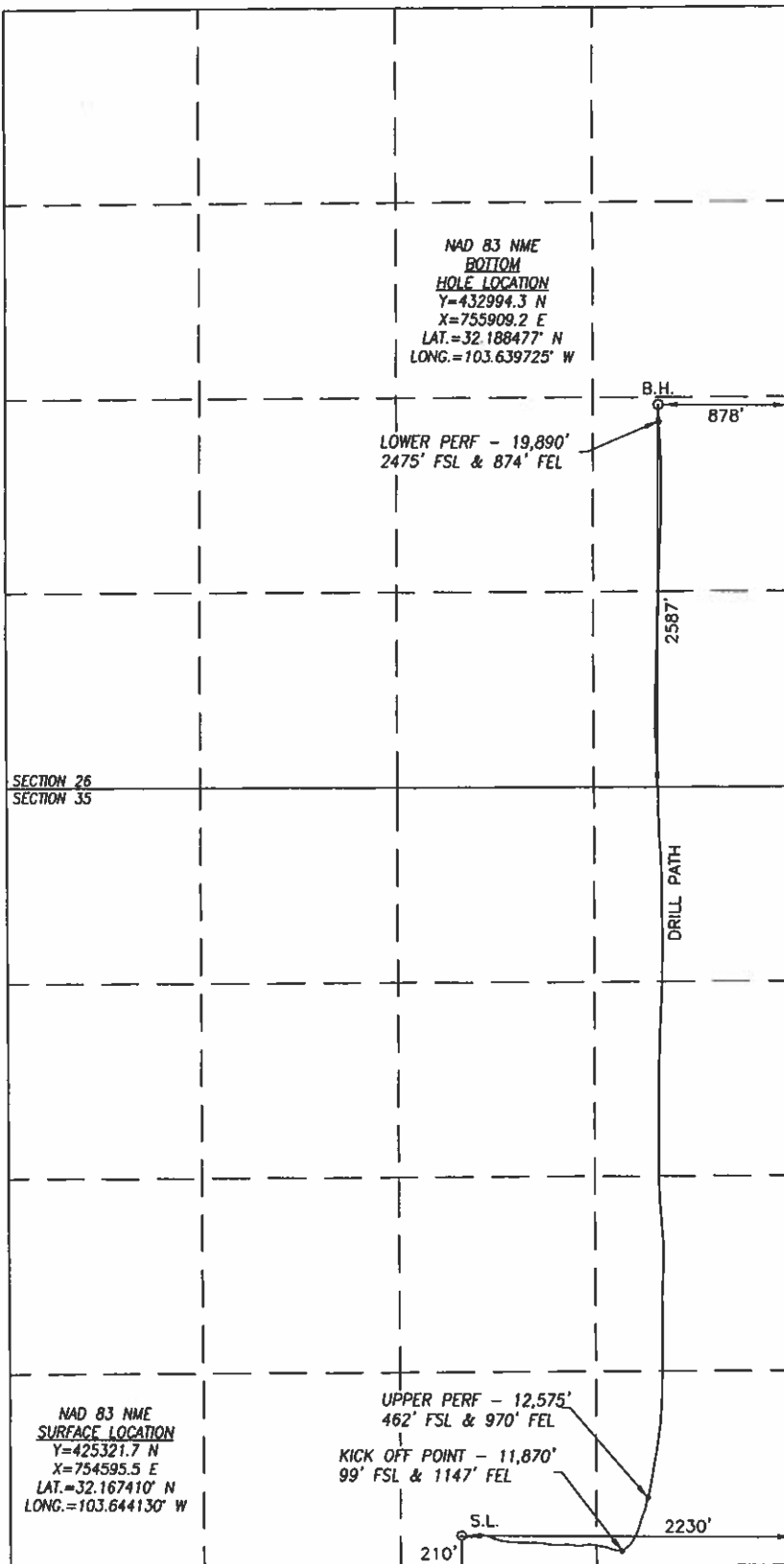
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	26	24-S	32-E		2587	SOUTH	878	EAST	LEA
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

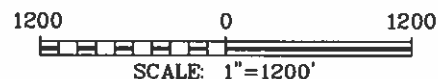
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code	Property Name EIDER FEDERAL	Well Number 206H
OGRID No.	Operator Name COG PRODUCTION, LLC	Elevation 3529.9'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG PRODUCTION, LLC FOR THE EIDER FEDERAL #206H SUPPLIED TO HARCROW SURVEYING, LLC ON NOVEMBER 13, 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 1/12/21
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.

JUN. 22, 2017/AUG. 3, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 11/17/20
Certificate No. CHAD HARCROW 17777

DISTRICT I
1625 N. FRENCH DR., BOBBS, NM 86240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 86210
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) 476-3460 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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44628		Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL		Well Number 301H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC		Elevation 3521.3'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	24-S	32-E		210	SOUTH	1020	WEST	LEA

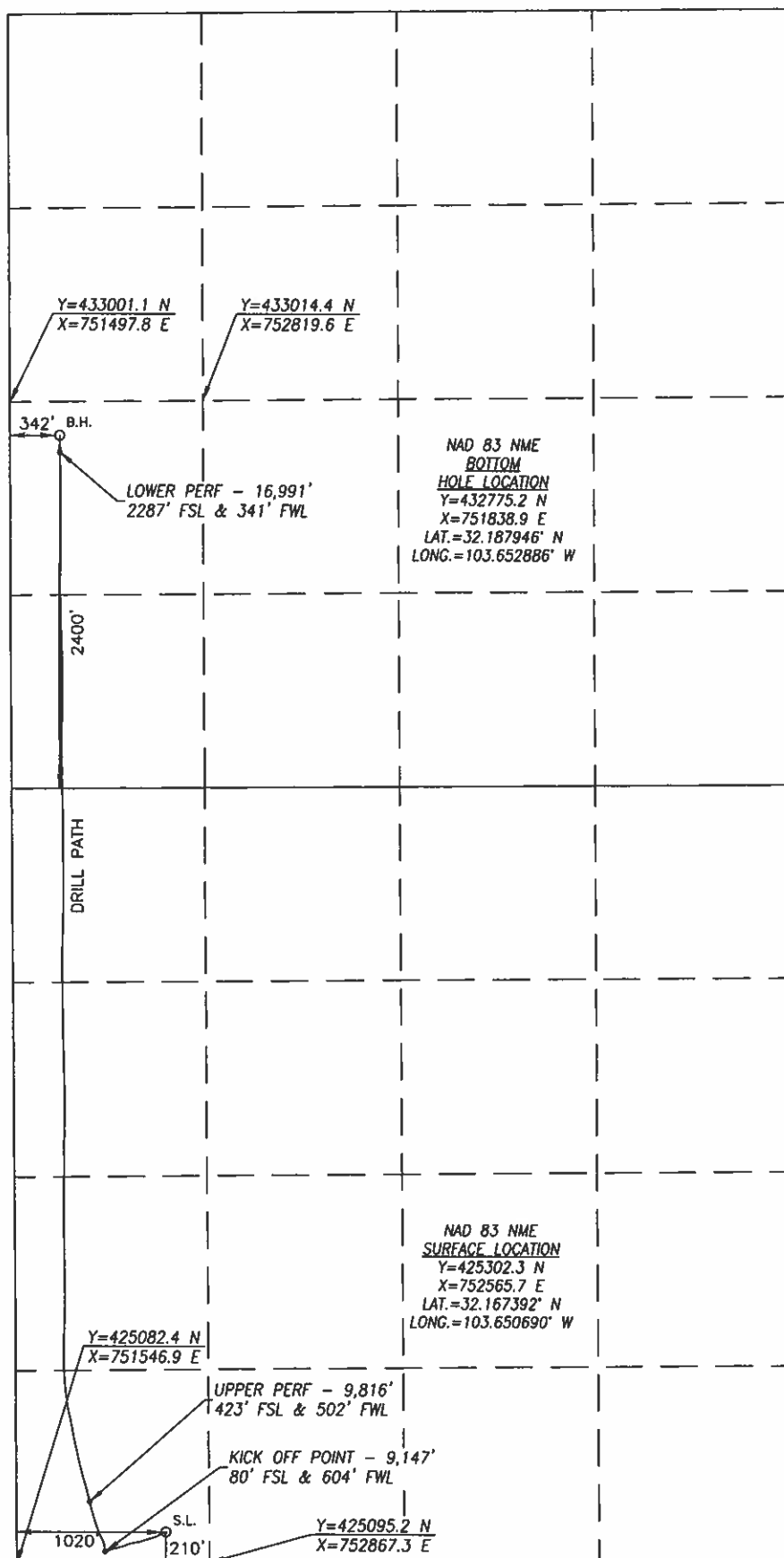
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24-S	32-E		2400	SOUTH	340	WEST	LEA
Dedicated Acres		Joint or Infill	Consolidation Code		Order No.				

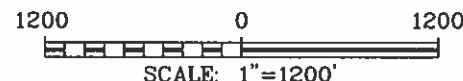
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314193	Property Name EIDER FEDERAL	Well Number 301H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3521.3'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE EIDER FEDERAL
#301H SUPPLIED TO HARCROW SURVEYING, LLC
ON JANUARY 28, 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 1/12/21
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.

AUG. 25, 2017/MAY 25, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 2/11/19
Certificate No. CHAD HARCROW 17777

DISTRICT I

1825 N. FRENCH DR., HOHES, NM 88240
Phone: (575) 393-6181 Fax: (575) 393-9720

DISTRICT II

811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1253 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) 478-3480 Fax: (505) 478-3482State 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 30-025-44637	Pool Code 97784	Pool Name Wildcat; Bone Springs
Property Code 314913	Property Name EIDER FEDERAL	Well Number 302H
OGRID No. 217955	Operator Name COG OPERATING, LLC	Elevation 3521.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	24-S	32-E		210	SOUTH	1050	WEST	LEA

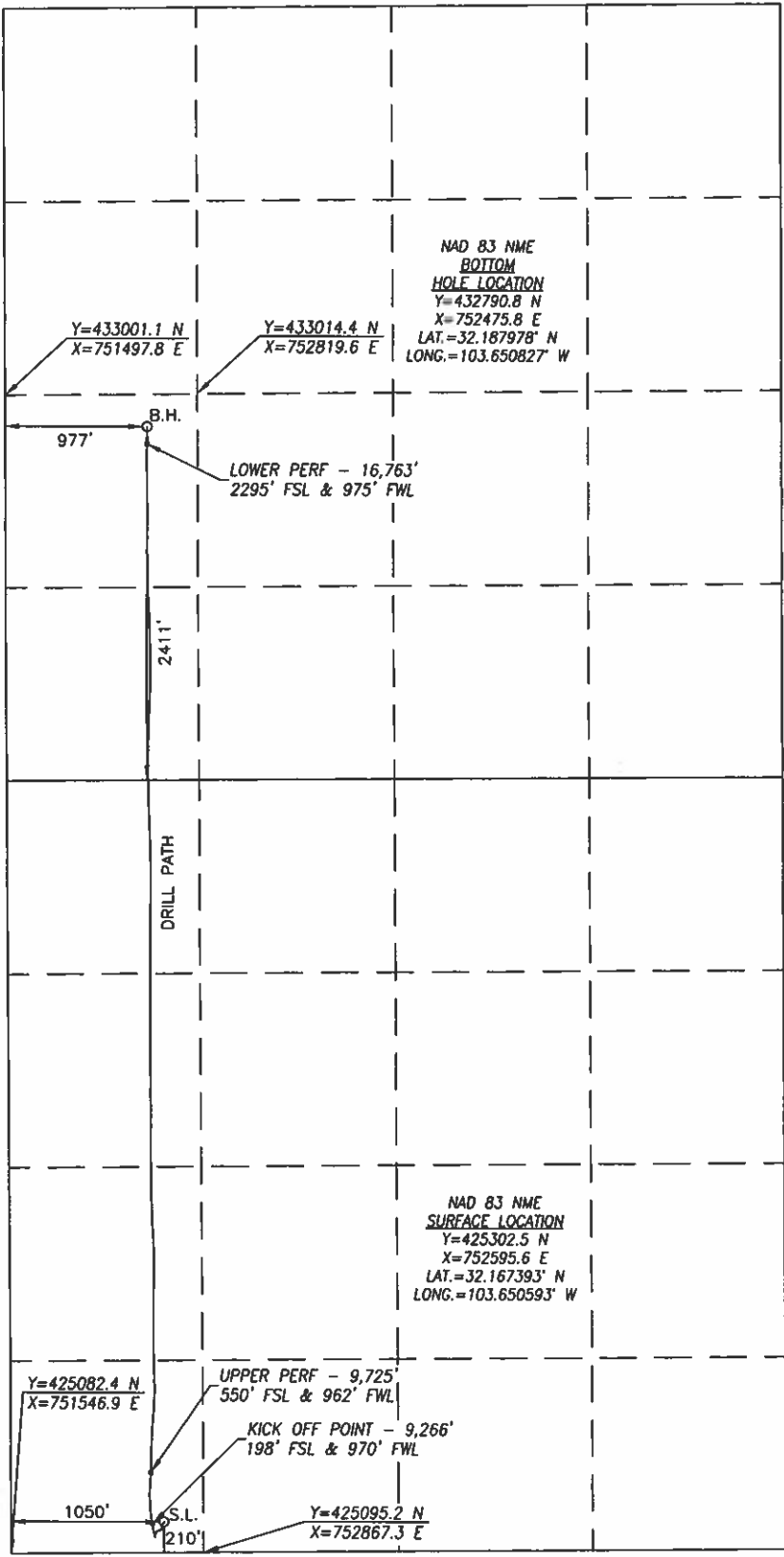
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24-S	32-E		2411	SOUTH	977	WEST	LEA
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						

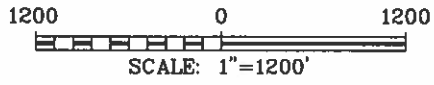
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314913	Property Name EIDER FEDERAL	Well Number 302H
OGRID No. 217955	Operator Name COG OPERATING, LLC	Elevation 3521.4'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE EIDER FEDERAL #302H SUPPLIED TO HARCROW SURVEYING, LLC ON FEBRUARY 4, 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 1/12/21
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.

AUG. 25, 2017/JUNE 20, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 2/11/19
Certificate No. CHAD HARCROW 17777
W.O. #19-198 DRAWN BY: WN

DISTRICT I
1425 N. FRENCH DR., BOHES, NM 88240
Phone: (505) 393-8181 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) 334-8178 Fax: (505) 334-8170

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

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44638	Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL	Well Number 303H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	24-S	32-E		210	SOUTH	2000	WEST	LEA

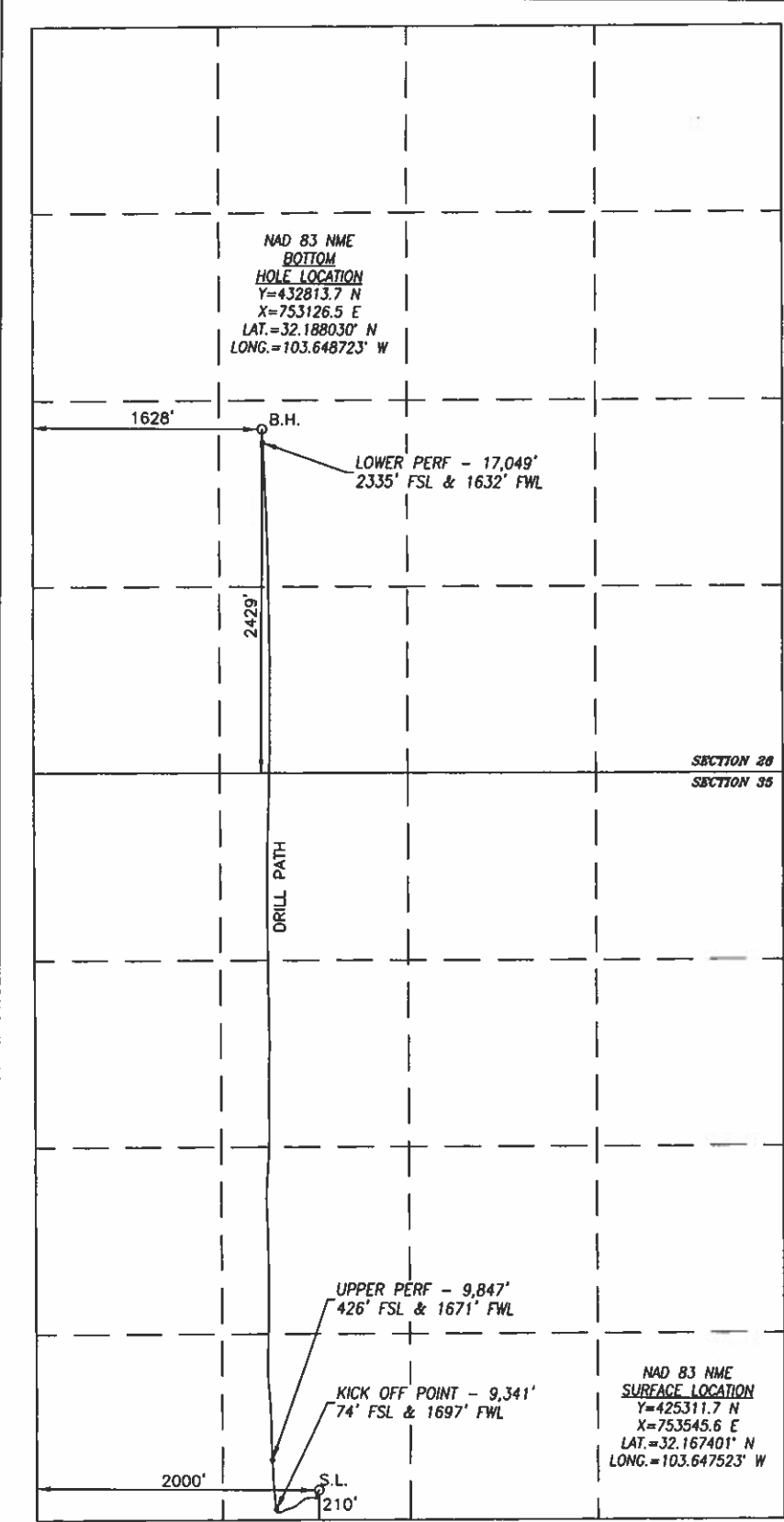
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2429	SOUTH	1628	WEST	LEA
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

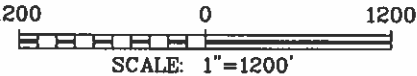
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314193	Property Name EIDER FEDERAL	Well Number 303H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.2'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG PRODUCTION, LLC FOR THE EIDER
FEDERAL #303H SUPPLIED TO HARCROW
SURVEYING, LLC ON APRIL 8, 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 1/12/21
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.

JUNE 22, 2017/MAY 5, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

Chad L. Harcrow 4/17/19
Certificate No. CHAD HARCROW 17777
W.O. #19-653 DRAWN BY: WN

DISTRICT I

1625 N. FRENCH DR., HOBBES, NM 88240
Phone: (505) 393-8161 Fax: (505) 393-0720

DISTRICT II

511 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) 334-8178 Fax: (505) 334-8170

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462State 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 30-025-44639	Pool Code 97784	Pool Name Wildcat; Bone Spring
Property Code 314193	Property Name EIDER FEDERAL	Well Number 304H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	24-S	32-E		210	SOUTH	2030	WEST	LEA

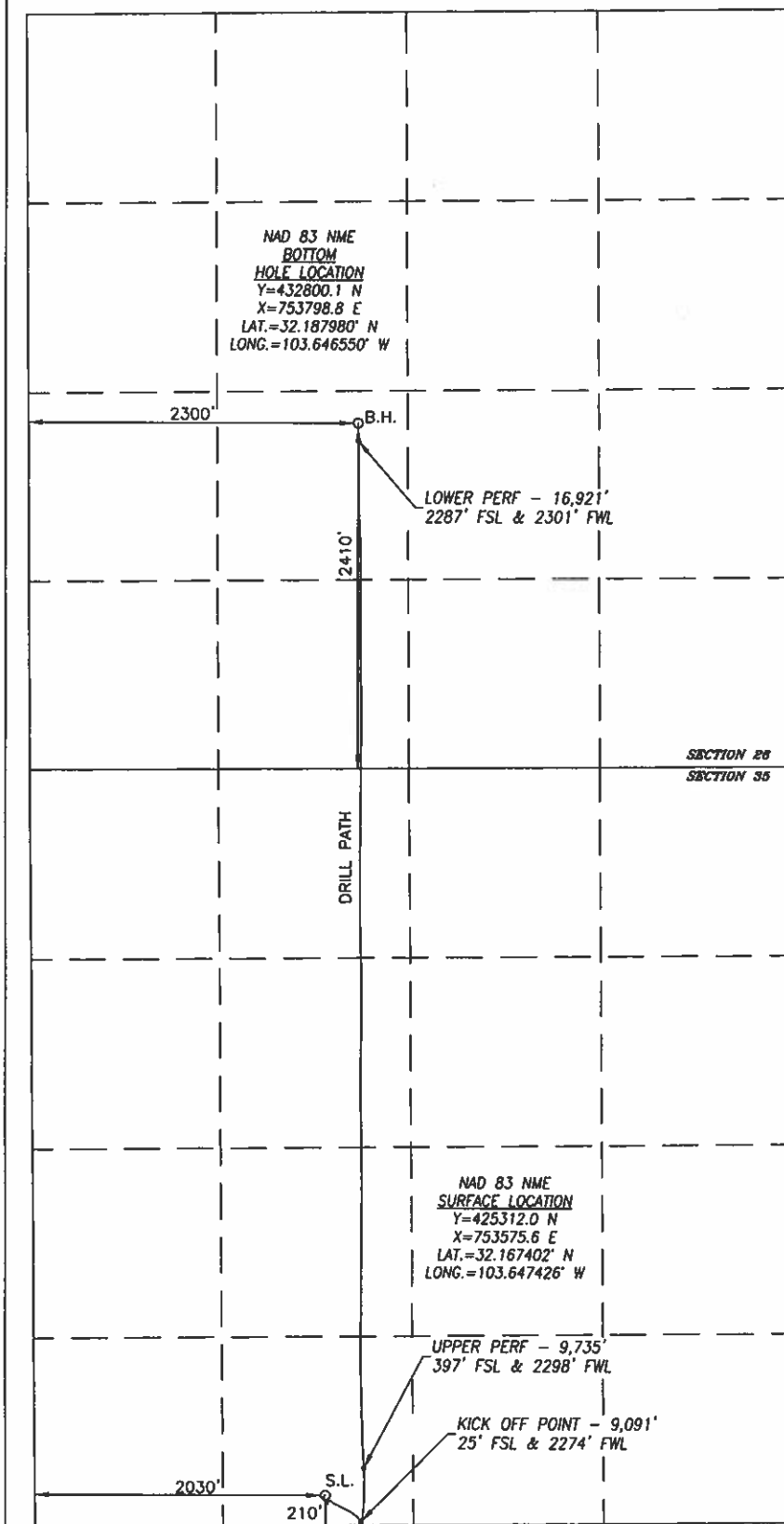
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	26	24-S	32-E		2410	SOUTH	2300	WEST	LEA
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

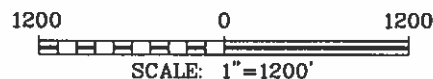
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 314193	Property Name EIDER FEDERAL	Well Number 304H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3525.7'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG PRODUCTION, LLC FOR THE EIDER
FEDERAL #304H SUPPLIED TO HARCROW
SURVEYING, LLC ON MARCH 28, 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 1/12/21
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.

JUNE 22, 2017/MAY 17, 2018

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 4/17/19

Certificate No. CHAD HARCROW 17777

W.O. #19-595

DRAWN BY: WN

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-8161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1883 Fax: (575) 748-9730

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 E. 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 30-025-44882	Pool Code 98180	Pool Name WC-025 G-09 S253309P; UPPER WOLFCAMP
Property Code 314193	Property Name EIDER FEDERAL	Well Number 305H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3529.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	35	24-S	32-E		210	SOUTH	2290	EAST	LEA

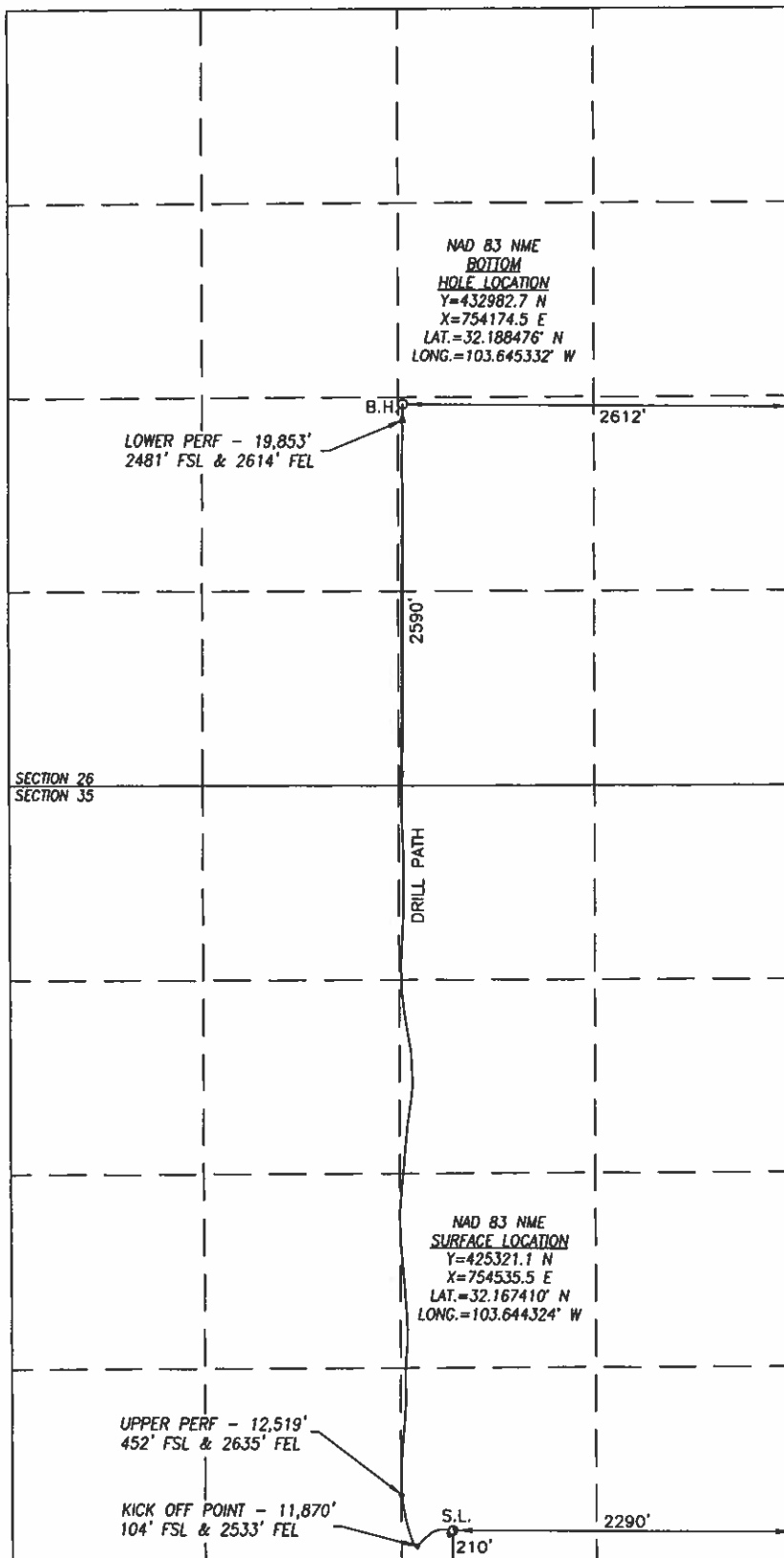
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	24-S	32-E		2590	SOUTH	2612	EAST	LEA
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

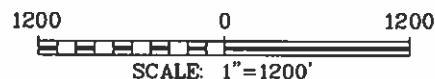
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code	Property Name EIDER FEDERAL	Well Number 305H
OGRID No.	Operator Name COG PRODUCTION, LLC	Elevation 3529.9'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG PRODUCTION, LLC FOR THE EIDER FEDERAL #305H SUPPLIED TO HARCROW SURVEYING, LLC ON NOVEMBER 13, 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 1/12/21
Signature Date

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.

JUN. 22, 2017/SEPT. 14, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



11/17/20

Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2

W.O. #20-1495

DRAWN BY: WN

DISTRICT I

1825 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) 334-8178 Fax: (505) 334-6170

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3488

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 30-025-44883	Pool Code 98180	Pool Name WC-025 G-09 S253309P; UPPER WOLFCAMP
Property Code 314193	Property Name EIDER FEDERAL	Well Number 306H
OGRID No. 217955	Operator Name COG PRODUCTION, LLC	Elevation 3529.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	35	24-S	32-E		210	SOUTH	2260	EAST	LEA

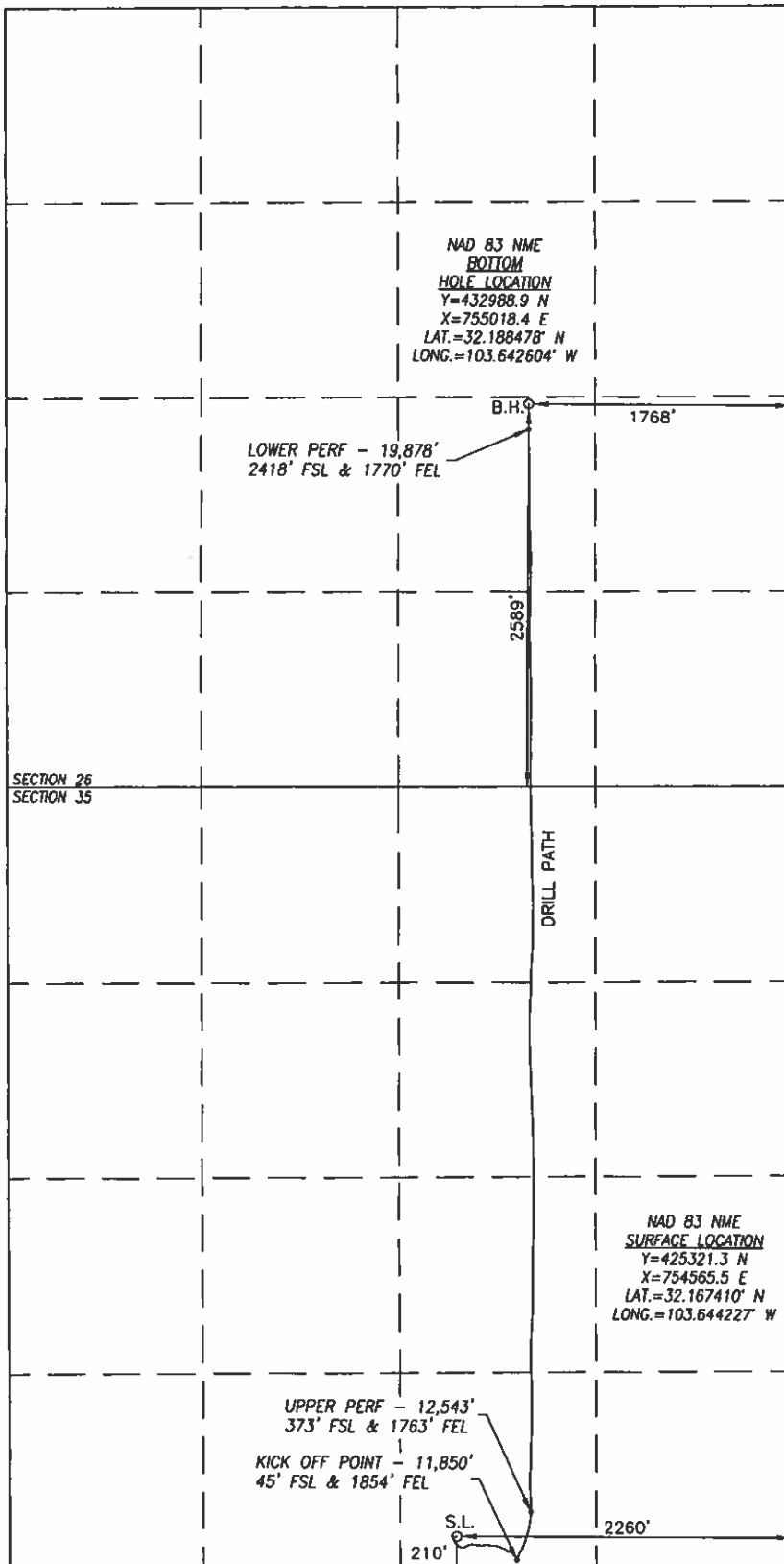
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	24-S	32-E		2589	SOUTH	1768	EAST	LEA
Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.						

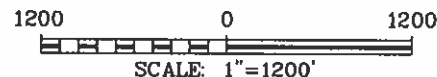
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code	Property Name EIDER FEDERAL	Well Number 306H
OGRID No.	Operator Name COG PRODUCTION, LLC	Elevation 3529.7'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG PRODUCTION, LLC FOR THE EIDER FEDERAL #306H SUPPLIED TO HARCROW SURVEYING, LLC ON NOVEMBER 13, 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 1/12/21
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.

JUN. 22, 2017/AUG. 25, 2020

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



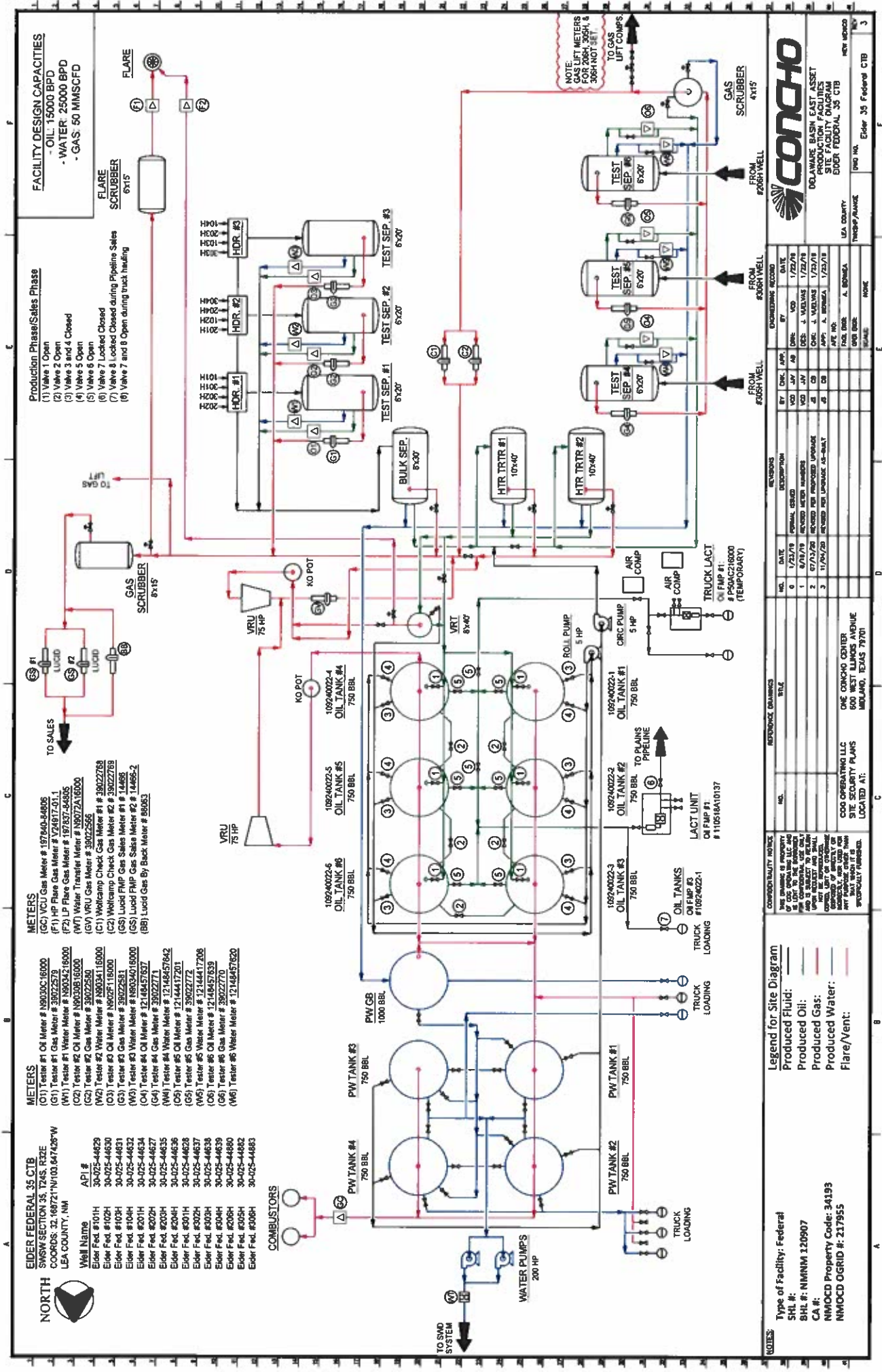
Chad Harcrow 11/18/20

Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2

W.O. #20-1496

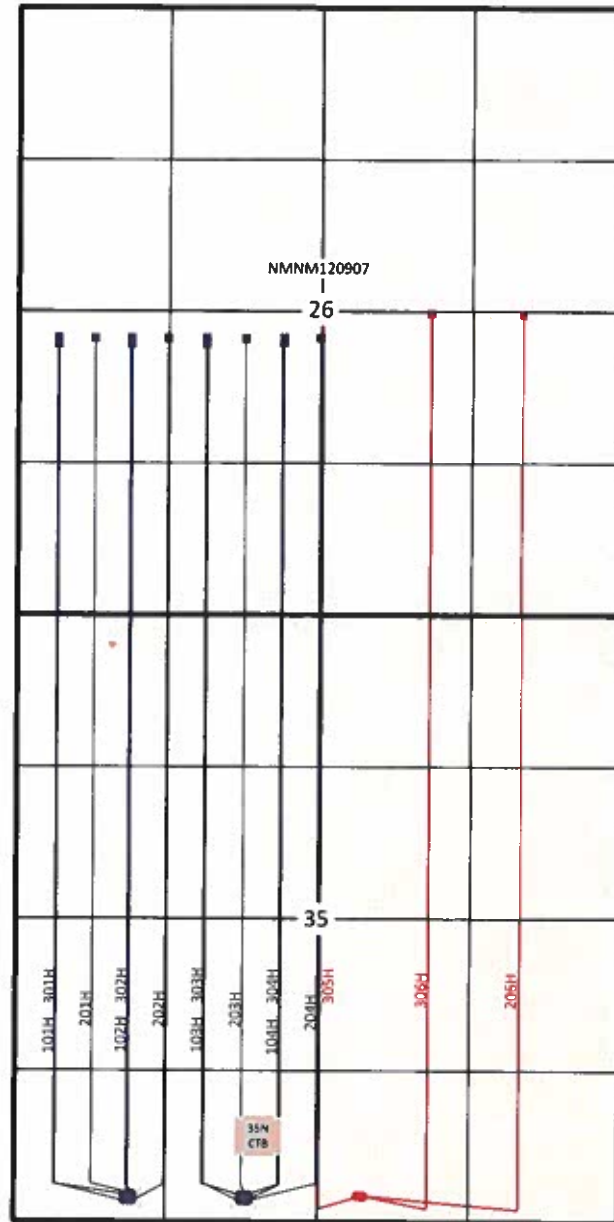
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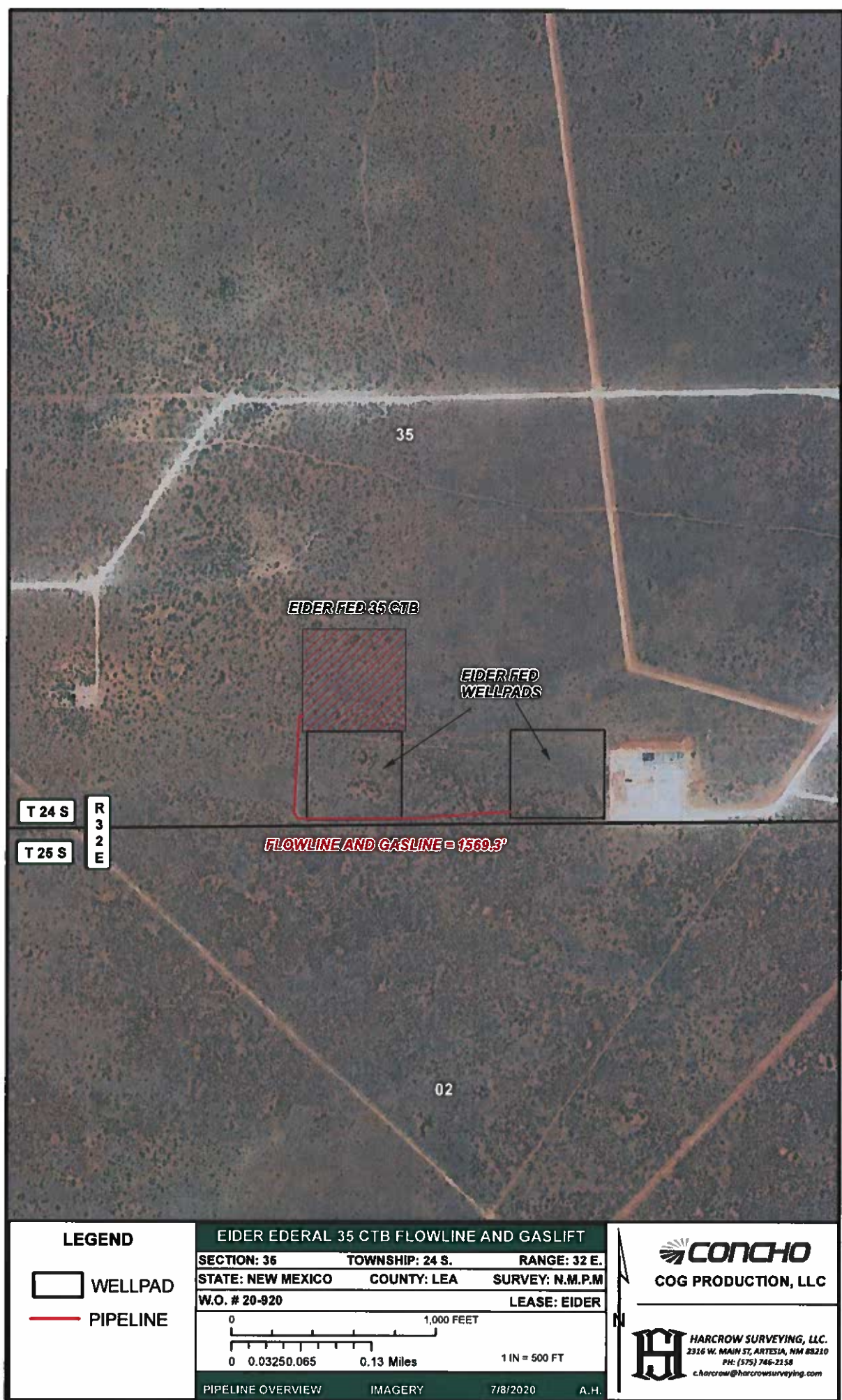
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DW - 03/07/19
DW - 09/05/19
DW - 01/14/20
DW - 04/01/20
DW - 07/29/20

Eider Federal Wells

- AV SH SHL
- AV SH BHL
- Wolfcamp A SHL
- Wolfcamp A BHL

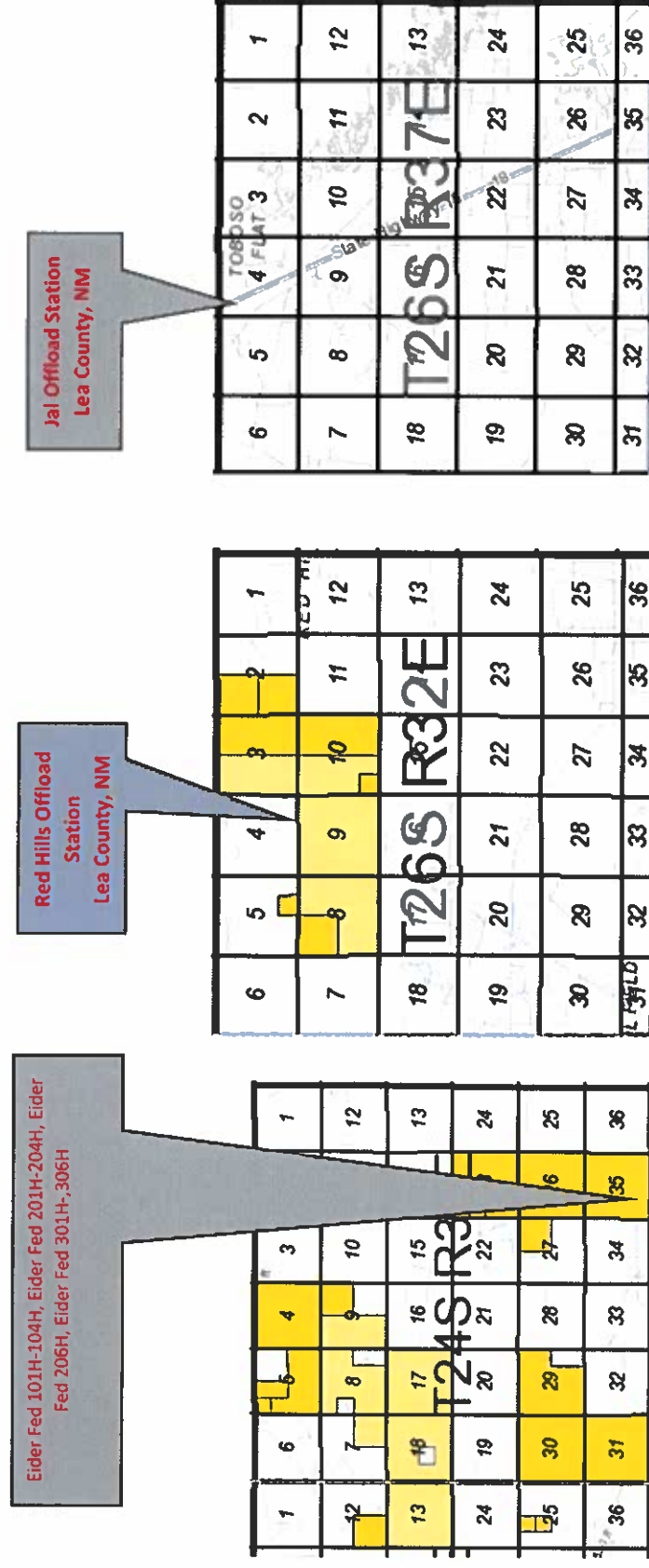


Sec. 23, 26, 35-T24S-R32E
Lea County, NM



Eider Fed 101H-104H, Eider Fed 201H- 204H, Eider Fed 206H Eider Fed 301H-306H

Red Hills and Jal Offload Station Map



Production Summary Report											
API: 30-025-44629											
EIDER FEDERAL #101H											
Printed On: Wednesday, December 30 2020											
Year	Pool	Production				Injection					
		Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	4045	54289	10632	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	3544	46463	10154	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	3410	41714	9904	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	2985	30674	8896	26	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	3253	34983	9372	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	2348	26135	8070	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44630											
EIDER FEDERAL #102H											
Printed On: Wednesday, December 30 2020											
Year	Pool	Production				Injection					
		Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	2046	67977	5914	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	1834	66638	5487	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	1740	63526	5150	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	2031	70923	5750	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	1835	66208	5028	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	1675	54357	4613	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44631											
EIDER FEDERAL #103H											
Printed On: Wednesday, December 30 2020											
Year	Pool	Production				Injection					
		Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	1435	79264	4565	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	1257	67662	4378	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	1181	63742	4398	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	1140	62940	4232	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	1000	58422	3620	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	979	58484	3639	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44632											
EIDER FEDERAL #104H											
Printed On: Wednesday, December 30 2020											
Year	Pool	Production				Injection					
		Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	2033	56068	5884	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	1854	54367	5757	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	1695	56316	5661	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	1630	52131	5425	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	1511	44345	4883	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	1768	43813	5727	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44634											
EIDER FEDERAL #201H											
Printed On: Wednesday, December 30 2020											
Year	Pool	Production				Injection					
		Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	1387	75951	5165	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	1220	74350	4959	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	1114	70488	4696	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	1312	55581	6163	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	999	56637	4514	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	398	49969	5210	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44627											
EIDER FEDERAL #202H											
Printed On: Wednesday, December 30 2020											
Year	Pool	Production				Injection					
		Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	810	95200	2610	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	727	93676	2449	30	0	0	0	0	0

2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	631	91804	2345	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	597	82670	2285	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	647	64298	2379	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	637	61646	2394	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44635											
EIDER FEDERAL #203H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	1248	80334	5004	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	1086	77337	4807	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	971	73345	4478	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	938	69138	4500	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	971	56996	4370	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	1084	56093	5056	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44636											
EIDER FEDERAL #204H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	4395	67516	4677	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	3911	66344	4153	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	3458	59607	3634	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	3471	57343	3745	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	3315	51651	3473	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	3685	49755	4089	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44628											
EIDER FEDERAL #301H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	11767	82386	31487	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	10743	80674	30025	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	10148	75034	28096	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	9807	74278	27188	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	8820	61342	24005	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	8676	56464	23248	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44637											
EIDER FEDERAL #302H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	2193	58585	6379	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	1763	31396	5450	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	1590	29065	4900	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	912	18319	3009	21	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	19	325	160	7	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	486	1685	3172	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44638											
EIDER FEDERAL #303H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	4023	27502	28725	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	3237	20269	25848	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	3389	23018	26892	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	3270	22799	26520	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	2848	20563	23599	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	2770	21123	22684	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44639											
EIDER FEDERAL #304H											

Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	May	3864	35527	9501	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jun	3052	22548	8331	30	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Jul	3063	20940	8714	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Aug	2676	19817	7880	31	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Sep	368	2380	2017	17	0	0	0	0	0
2020	[97784] WC-025 G-06 S253201M;UPPER BONE SPR	Oct	323	552	4970	31	0	0	0	0	0

Production Summary Report											
API: 30-025-44880											
EIDER FEDERAL #206H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
		0	0	0	0	0	0	0	0	0	0

Production Summary Report											
API: 30-025-44882											
EIDER FEDERAL #305H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
		0	0	0	0	0	0	0	0	0	0

Production Summary Report											
API: 30-025-44883											
EIDER FEDERAL #306H											
Printed On: Wednesday, December 30 2020											
		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days P/I	Water(BBL)	Co2(MCF)	Gas(MCF)	Other	Pressure
		0	0	0	0	0	0	0	0	0	0



Matt Solomon
Staff Landman

December 1, 2020

Oil Conservation Division
Attention: Michael McMillan
1220 South Saint Francis Drive
Santa Fe, New Mexico, 87505

RE: Off-Lease Measurement and Commingling Applications for:

Eider Fed. 101H	30-025-44629
Eider Fed. 102H	30-025-44630
Eider Fed. 103H	30-025-44631
Eider Fed. 104H	30-025-44632
Eider Fed. 201H	30-025-44634
Eider Fed. 202H	30-025-44627
Eider Fed. 203H	30-025-44635
Eider Fed. 204H	30-025-44636
Eider Fed. 206H	30-025-44880
Eider Fed. 301H	30-025-44628
Eider Fed. 302H	30-025-44637
Eider Fed. 303H	30-025-44638
Eider Fed. 304H	30-025-44639
Eider Fed. 305H	30-025-44882
Eider Fed. 306H	30-025-44883

Mr. McMillan

My name is Matt Solomon. I am the landman at COG Operating LLC ("Concho") whose area of responsibility includes T24S-32E, Lea County, New Mexico.

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

Respectfully submitted,

Matt Solomon - CPL, J.D.
Staff Landman
432-685-4352 (o)
832-544-9492 (c)
msolomon@concho.com

Eider Fed 35 CTB



Lucid gas sales meter 14466-1 32.168658, -103.646620

Lucid gas sales meter 14466-2 32.168655, -103.646596

Eider Fed 101H-104H, 201H-204H, 206H, 301H-306H 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 4708	

From: [Engineer, OCD, EMNRD](#)
To: [Jeanette Barron](#)
Cc: [McClure, Dean, EMNRD](#); [Bratcher, Mike, EMNRD](#); [Kautz, Paul, EMNRD](#); lisa@rwbyram.com; [Glover, James](#); kparadis@blm.gov; [Walls, Christopher](#)
Subject: Approved Administrative Order PC-1390
Date: Friday, January 22, 2021 10:50:08 AM
Attachments: [PC1390 Order.pdf](#)

NMOCD has issued Administrative Order PC-1390 which authorizes COG Production, LLC (217955) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	Location (NMPPM)	Pool Code
30-025-44629	Eider Federal #101H	N-35-24S-32E	97784
30-025-44630	Eider Federal #102H	M-35-24S-32E	97784
30-025-44631	Eider Federal #103H	N-35-24S-32E	97784
30-025-44632	Eider Federal #104H	N-35-24S-32E	97784
30-025-44634	Eider Federal #201H	M-35-24S-32E	97784
30-025-44627	Eider Federal #202H	M-35-24S-32E	97784
30-025-44635	Eider Federal #203H	N-35-24S-32E	97784
30-025-44636	Eider Federal #204H	N-35-24S-32E	97784
30-025-44628	Eider Federal #301H	M-35-24S-32E	97784
30-025-44637	Eider Federal #302H	M-35-24S-32E	97784
30-025-44638	Eider Federal #303H	N-35-24S-32E	97784
30-025-44639	Eider Federal #304H	N-35-24S-32E	97784
30-025-44880	Eider Federal #206H	O-35-24S-32E	98180
30-025-44882	Eider Federal #305H	O-35-24S-32E	98180
30-025-44883	Eider Federal #306H	O-35-24S-32E	98180

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 PRODUCTION, LLC**

ORDER NO. PC-1390

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 Production, 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. This Order supersedes Order OLM-172.
3. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
4. 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.
5. 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.
6. Operator shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10(C)(2) NMAC.
7. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred 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.
8. Operator shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
9. 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-1390**

Operator: **COG Production, LLC (217955)**

Central Tank Battery: **Eider Federal 35 Central Tank Battery**

Central Tank Battery Location (NMPM): **Unit N, Section 35, Township 24 South, Range 32 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 N, Section 35, Township 24 South, Range 32 East**

Pools

Pool Name	Pool Code
WC-025 G-06 S253201M; UPPER BONE SPR	97784
WC-025 G-09 S253309P; UPR WOLFCAMP	98180

Leases as defined in 19.15.12.7(C) NMAC

Lease	Location (NMPM)
NMNM 120907	All Sec 35, S/2 Sec 26 T24S-R32E

Wells

Well API	Well Name	Location (NMPM)	Pool Code	Train
30-025-44629	Eider Federal #101H	N-35-24S-32E	97784	
30-025-44630	Eider Federal #102H	M-35-24S-32E	97784	
30-025-44631	Eider Federal #103H	N-35-24S-32E	97784	
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30-025-44882	Eider Federal #305H	O-35-24S-32E	98180	
30-025-44883	Eider Federal #306H	O-35-24S-32E	98180	

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 14519

CONDITIONS OF APPROVAL

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX79701			OGRID: 229137	Action Number: 14519	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.				