

D3S44-200108-C-107B 646

Revised March 23, 2017

RECEIVED: 1/8/20	REVIEWER: DM	TYPE: PLC	APP NO: pDM2001453564
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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: RASPBERRY STATE COM #1H

API: 30-025-43179

Pool: WC-025 G-06 S213326D: BONE SPRING

Pool Code: 97929

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☐ PPR2) **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.

BOBBIE GOODLOE

Print or Type Name

1-8-20
Date

575-748-6952

Phone Number

bgoodloe@concho.com

e-mail Address

Signature



January 8, 2020

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

Re: Application for Administrative Approval to Amend CTB-832
Off-lease Measurement and Pool Lease Commingle

Dear Mr. McClure,

COG Operating, LLC, respectfully requests approval to amend Administrative Order CTB-832 for Off-lease Measurement and Pool/Lease Commingling of gas to include the following wells:

Huckleberry State Com 501H, API# 30-025-45231, Ut. A, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 502H, API# 30-025-45232, Ut. B, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 503H, API# 30-025-45233, Ut. B, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 504H, API# 30-025-45234, Ut. C, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 505H, API# 30-025-45207, Ut. D, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 506H, API# 30-025-45208, Ut. D, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 507H, API# 30-025-45209, Ut. D, Sec. 27-T21S-R33E, Lea County, NM

Currently Administrative Order CTB-832 includes the Pygmy 27 State Com #1H-3H wells which are communitized into one 480 acre spacing unit. The Raspberry State Com #1H well has a separate communitization agreement. All gas produced from the four wells are surface commingled and sold at the ETC gas sales meter #68870 located at the Pygmy 27 State Com #1H battery in Ut. D, Sec. 27-T21S-R33E.

On occasion, the ETC gas sales line used by the Pygmy/Raspberry wells will be shut in for extended periods of time. In order to prevent the unnecessary flaring of gas, we are requesting OCD approval to utilize the Targa gas meter #161001222 by commingling the Raspberry/Pygmy gas with Huckleberry gas when the ETC gas line is shut in.

Please find the attached Administrative Application Checklist, plats for referenced wells, proof of notice to interest owners, diagrams of site facilities, map with lease boundaries showing wells and facility locations and a copy of the letter to the New Mexico State Land Office.

Thank you for your attention to this matter.

Sincerely,


Bobbie Goodloe
Regulatory Analyst

Enclosures

CORPORATE ADDRESS

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701
P432.683.7443 | F432.683.7441

ARTESIA WEST OFFICE

2208 MAIN STREET | ARTESIA, NEW MEXICO 88210
P575.748.6940 | F575.746.2096

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, NM 88210
APPLICATION TYPE:

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

LEASE TYPE: ☐ Fee ☒ State ☐ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. CTB-832
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
WC-025 G-06 S213326D; BS 97929	BTU 1232.0				
WC-025 G-08 S213304D; BS 97895	BTU 1347.4				

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Have 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 Analyst DATE: 01/08/2020
TYPE OR PRINT NAME: Bobbie Goodloe TELEPHONE NO.: 575-748-6952
E-MAIL ADDRESS: bgoodloe@concho.com

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 398-6161 Fax: (505) 393-6720

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
Phone: (505) 478-3480 Fax: (505) 478-3482

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 30-025-45234	Pool Code 97895	Pool Name WC-025 G-08 S213304D; BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 504H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3741.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	27	21-S	33-E		145	NORTH	2630	WEST	LEA

Bottom Hole Location If Different From Surface

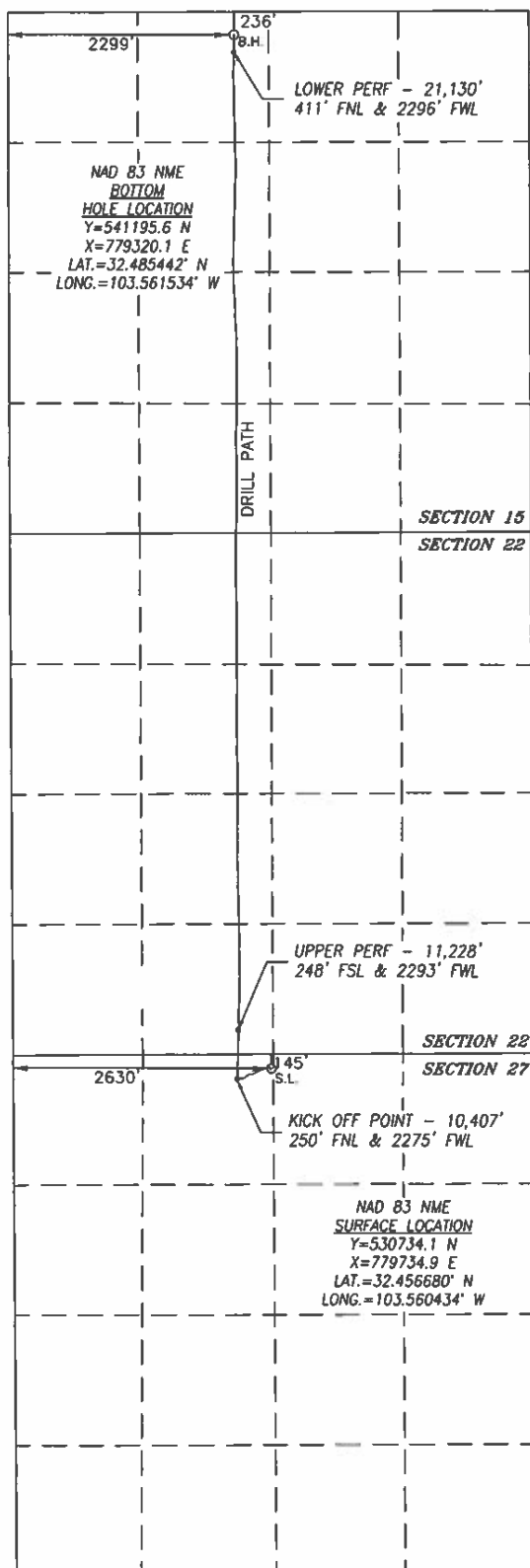
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	21-S	33-E		236	NORTH	2299	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

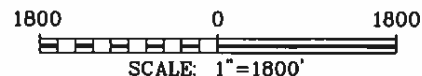
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 504H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3741.6'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE HUCKLEBERRY STATE COM #504H SUPPLIED TO HARCROW SURVEYING, LLC ON DECEMBER 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.

Bobbie Goodloe 1/08/20
Signature Date

Bobbie Goodloe

Printed Name

bgoodloe@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. 1, 2018/MAY 14, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 12/12/19
Certificate No. CHAD HARCROW 17777

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6780

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (505) 748-1263 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) 476-3480 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
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45233	Pool Code 97895	Pool Name WC-025 G-08 S213304D; BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 503H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3743.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	21-S	33-E		145	NORTH	2620	EAST	LEA

Bottom Hole Location If Different From Surface

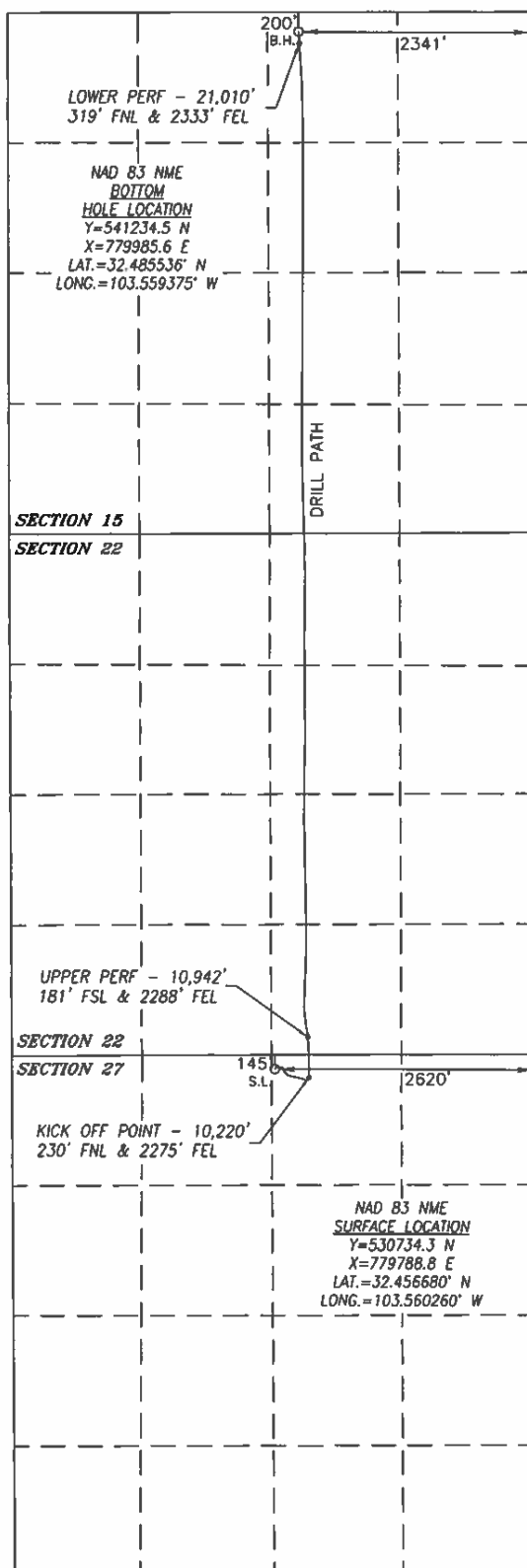
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	15	21-S	33-E		200	NORTH	2341	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

SEE PAGE 2

Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 503H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3743.9'



SURFACE INFO AND BOREPATH SHOWN HEREBY IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE HUCKLEBERRY STATE COM #503H SUPPLIED TO HARCROW SURVEYING, LLC ON DECEMBER 4, 2019

1800 0 1800
SCALE: 1"=1800'

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.

Bobbie Goodloe 1/08/20
Signature Date

Bobbie Goodloe

Printed Name

bgoodloe@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. 1, 2018/MAY 28, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 12/12/19

Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2

W.O. #19-2261

DRAWN BY: WN

DISTRICT I
1623 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) 748-0720

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

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

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

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

☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45207	Pool Code 97895	Pool Name WC-025 G-08 S213304D; BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 505H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3716.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	21-S	33-E		145	NORTH	1200	WEST	LEA

Bottom Hole Location If Different From Surface

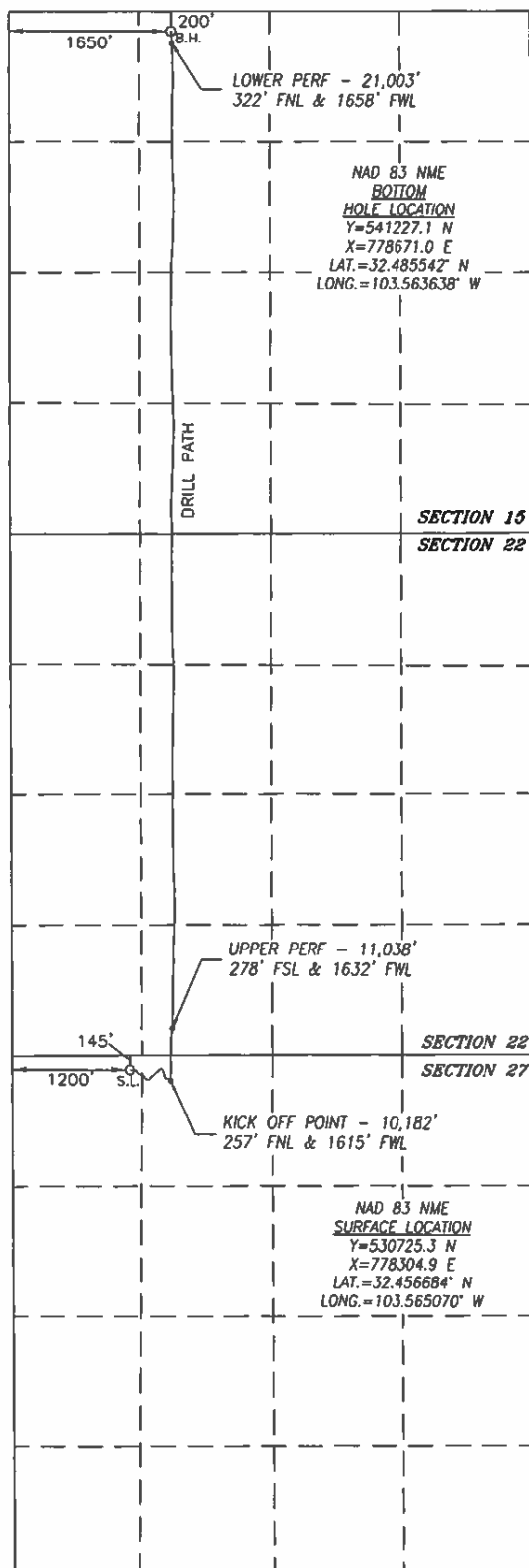
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	21-S	33-E		200	NORTH	1650	WEST	LEA

Dedicated Acres 320	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
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SEE PAGE 2

Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 505H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3716.1'



SURFACE INFO AND BOREPATH SHOWN HEREBY IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE HUCKLEBERRY STATE COM #505H SUPPLIED TO HARCROW SURVEYING, LLC ON DECEMBER 4, 2019

1800 0 1800
SCALE: 1"=1800'

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.

Bobbie Goodloe 1/08/20
Signature Date

Bobbie Goodloe

Printed Name

bgoodloe@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. 1, 2018/MAR. 22, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 12/12/19
Certificate No. CHAD HARCROW 17777

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6181 Fax: (505) 393-0780

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) 334-6170

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
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45208	Pool Code 97895	Pool Name WC-025 G-08 S213304D; BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 506H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3715.5'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	21-S	33-E		145	NORTH	1170	WEST	LEA

Bottom Hole Location If Different From Surface

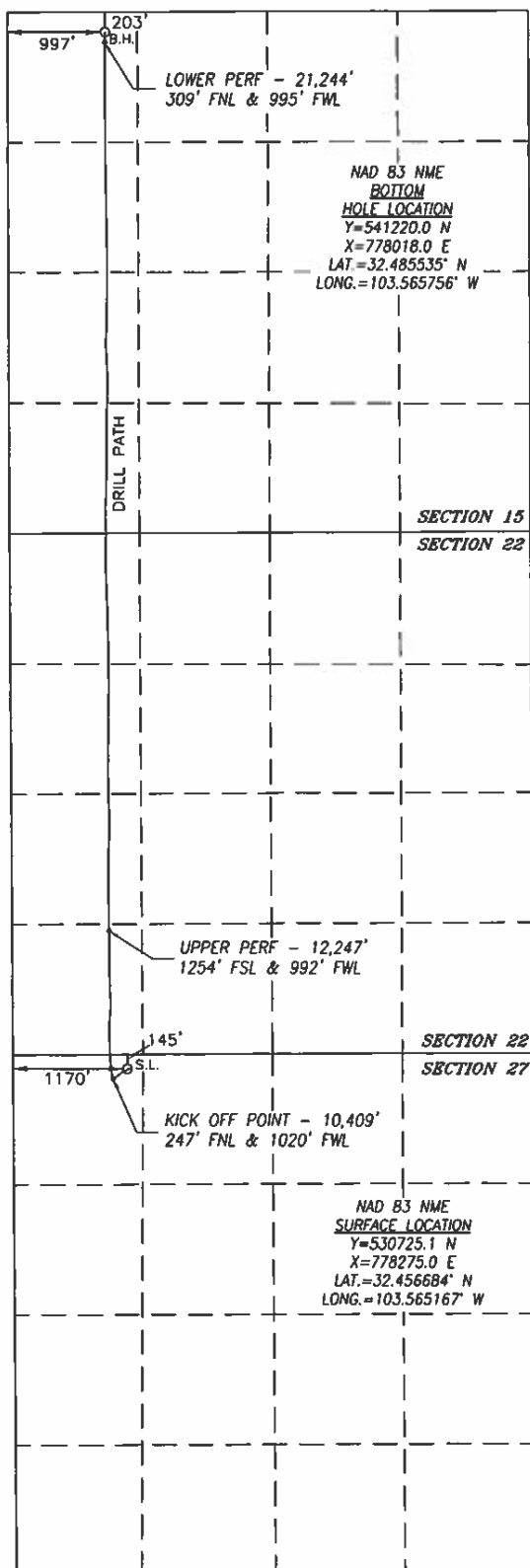
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	21-S	33-E		203	NORTH	997	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

SEE PAGE 2

Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 506H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3715.5'



SURFACE INFO AND BOREPATH SHOWN HEREBY IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE HUCKLEBERRY STATE COM #506H SUPPLIED TO HARCROW SURVEYING, LLC ON DECEMBER 8, 2019

1800 0 1800
SCALE: 1"=1800'

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.

Bobbie Goodloe 1/08/20
Signature Date

Bobbie Goodloe

Printed Name

bgoodloe@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. 1, 2018/APR. 25, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 12/13/19
Certificate No. CHAD HARCROW 17777

DISTRICT I
1620 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) 746-1283 Fax: (575) 746-8730

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
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Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45209	Pool Code 97895	Pool Name WC-025 G-08 S213304D; BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 507H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3714.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	21-S	33-E		145	NORTH	1140	WEST	LEA

Bottom Hole Location If Different From Surface

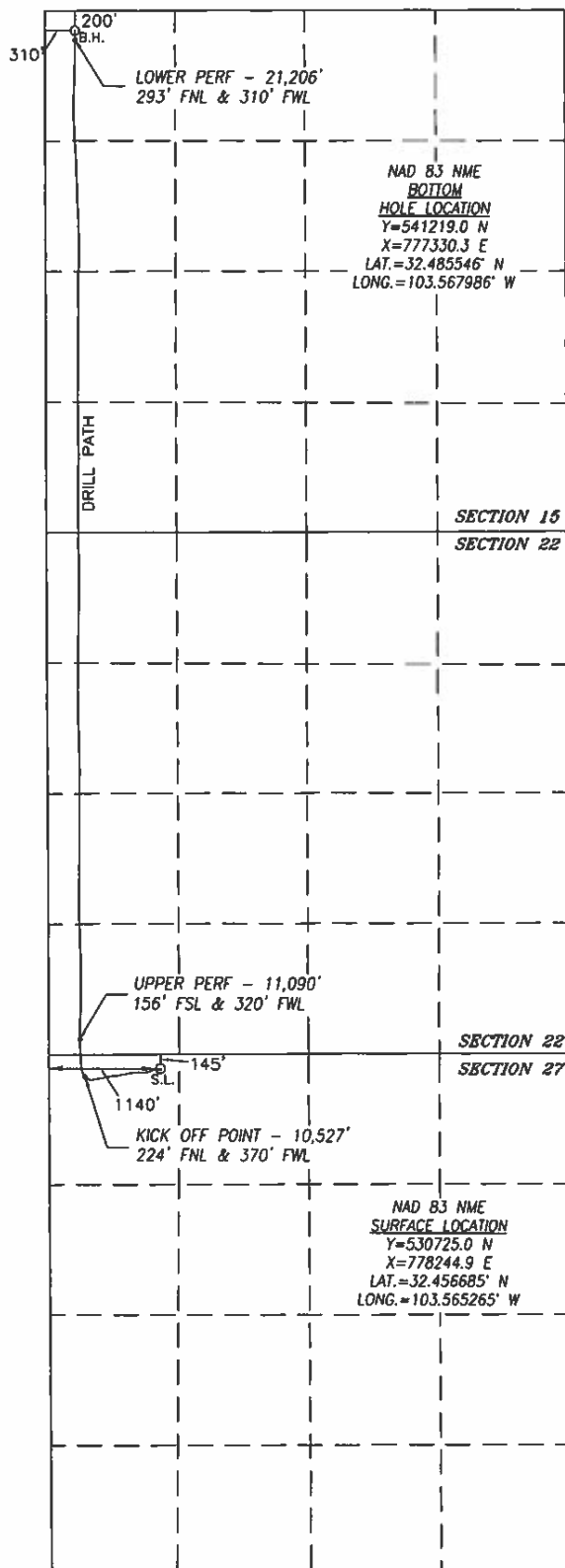
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	21-S	33-E		200	NORTH	310	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

SEE PAGE 2

Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 507H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3714.8'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE HUCKLEBERRY STATE COM #507H SUPPLIED TO HARCROW SURVEYING, LLC ON DECEMBER 8, 2019

1800 0 1800
SCALE: 1"=1800'

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Bobbie Goodloe 1/08/20
Signature Date

Bobbie Goodloe

Printed Name

bgoodloe@concho.com

E-mail Address

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AUG. 1, 2018/JUN. 3, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 12/13/19
Certificate No. CHAD HARCROW 17777

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (505) 393-6101 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) 334-6176 Fax: (505) 334-6170

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☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45232	Pool Code 97895	Pool Name WC-025 G-08 S213304D; BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 502H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3764.8'

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	27	21-S	33-E		145	NORTH	1355	EAST	LEA

Bottom Hole Location If Different From Surface

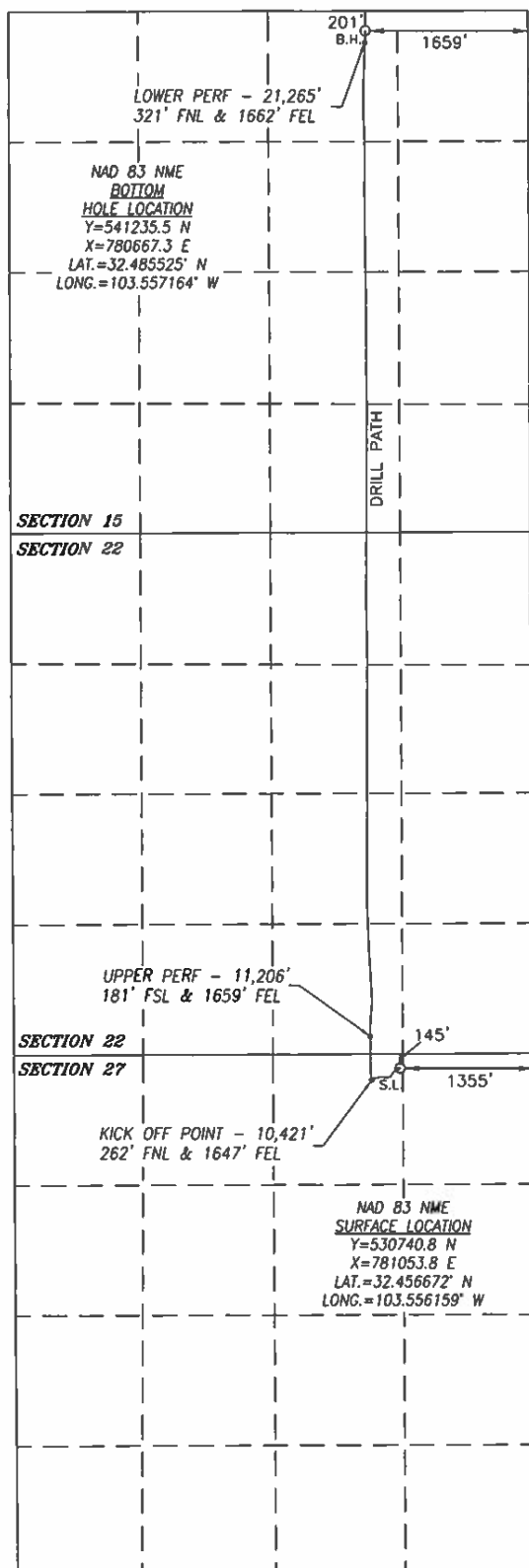
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	15	21-S	33-E		201	NORTH	1659	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

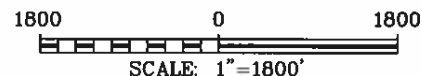
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 502H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3764.8'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE HUCKLEBERRY STATE COM #502H SUPPLIED TO HARCROW SURVEYING, LLC ON DECEMBER 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.

Signature *Bobbie Goodloe* Date 1/08/20

Bobbie Goodloe

Printed Name

bgoodloe@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. 1, 2018/MAR. 19, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 12/12/19

Certificate No. CHAD HARCROW 17777

PAGE 2 OF 2

W.O. #19-2260

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) 334-6178 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 30-025-45231	Pool Code 97895	Pool Name WC-025 G-08 S213304D; BONE SPRING
Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 501H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3766.4'

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	27	21-S	33-E		145	NORTH	1325	EAST	LEA

Bottom Hole Location If Different From Surface

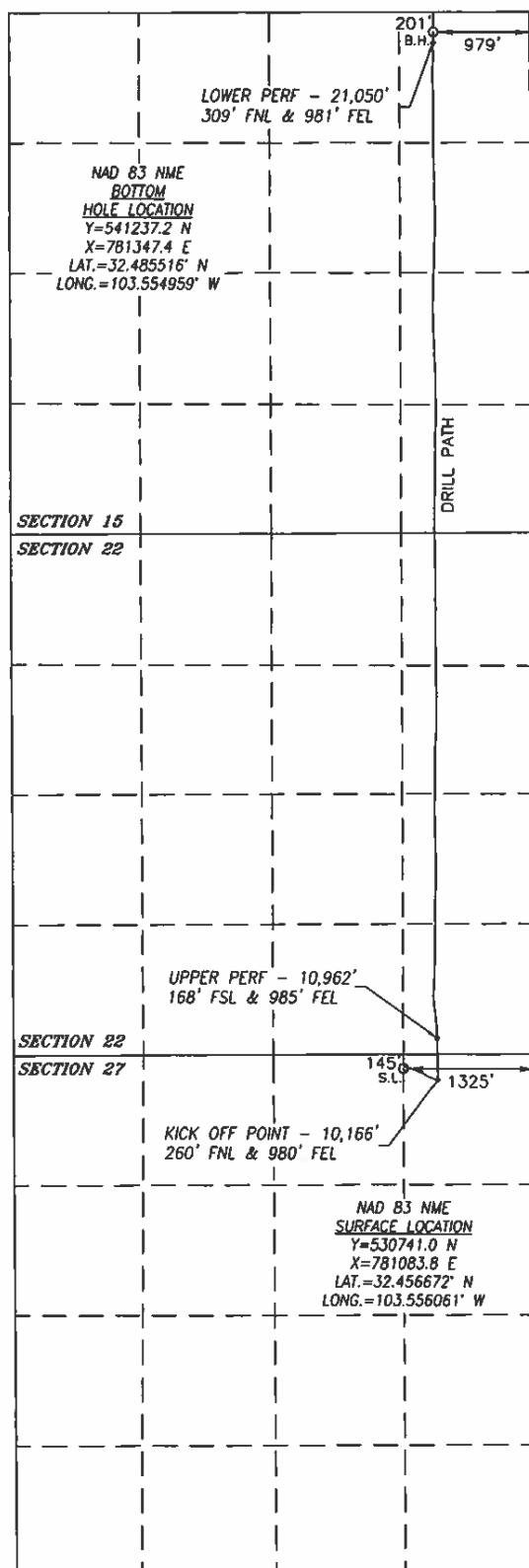
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	21-S	33-E		201	NORTH	979	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

SEE PAGE 2

Property Code 322447	Property Name HUCKLEBERRY STATE COM	Well Number 501H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3766.4'



SURFACE INFO AND BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE HUCKLEBERRY STATE COM #501H SUPPLIED TO HARCROW SURVEYING, LLC ON DECEMBER 4, 2019

1800 0 1800
SCALE: 1"=1800'

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.

Bobbie Goodloe 1/08/20
Signature Date

Bobbie Goodloe

Printed Name

bgoodloe@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. 1, 2018/APR. 25, 2019

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad L. Harcrow 12/12/19
Certificate No. CHAD HARCROW 17777

DISTRICT I

1625 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) 334-8178 Fax: (505) 748-8720

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-8178 Fax: (505) 334-8170

DISTRICT IV

1520 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-8465 Fax: (505) 476-8462State of New Mexico
Energy, Minerals and 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-43179	Pool Code 97929	Pool Name WC-025 G-06 S213326D; Bone Spring
Property Code 316099	Property Name RASPBERRY STATE COM	Well Number 1H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3709'


Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	27	21 S	33 E		330	SOUTH	200	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
A	22	21 S	33 E		51	NORTH	344	EAST	LEA
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

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

N: 536081.4 E: 735880.7 (NAD-27)	N: 536093.6 E: 738535.1 (NAD-27)	N: 536108.8 E: 741189.9 (NAD-27)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature _____ Date _____ Printed Name <u>Bobbie Goodloe</u> Email Address <u>bgoodloe@concho.com</u>
N: 533441.5 E: 735902.7 (NAD-27)	N: 533468.1 E: 741209.7 (NAD-27)	N: 533468.1 E: 741209.7 (NAD-27)	
N: 530800.3 E: 735925.7 (NAD-27)	N: 530815.4 E: 738574.1 (NAD-27)	N: 530829.4 E: 741228.7 (NAD-27)	
N: 528162.1 E: 735948.3 (NAD-27)	N: 528194.8 E: 741245.3 (NAD-27)	N: 528194.8 E: 741245.3 (NAD-27)	
N: 525521.4 E: 735975.1 (NAD-27)	N: 525536.3 E: 738620.7 (NAD-27)	N: 525552.4 E: 741266.6 (NAD-27)	

BOTTOM HOLE LOCATION
 Lat - N 32.471308°
 Long - W 103.552850°
 NMSPCE- N 536056.2
 E 740846.5
 (NAD-27)

SURFACE LOCATION
 330' FSL & 200' FEL
 Lat - N 32.443335°
 Long - W 103.551919°
 NMSPCE- N 525881.1
 E 741064.5
 (NAD-27)

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.
 Date Surveyed MARCH 12 2016
 Signature of Professional Surveyor 
 Certificate No. GOV. L. URBES 7977
 Scale: 1" = 2000'
 WO Num.: 32232

DISTRICT I
1626 N. FRENCH DR., BOBBS, NM 88240
Phone: (505) 363-6161 Fax: (505) 363-0720

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) 334-6170

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

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Revised August 1, 2011
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-42068	Pool Code 97929	Pool Name WC-025 G-06 S213326D; Bone Spring
Property Code 310282	Property Name PYGMY 27 STATE COM	Well Number 3H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3755.0'

Surface Location

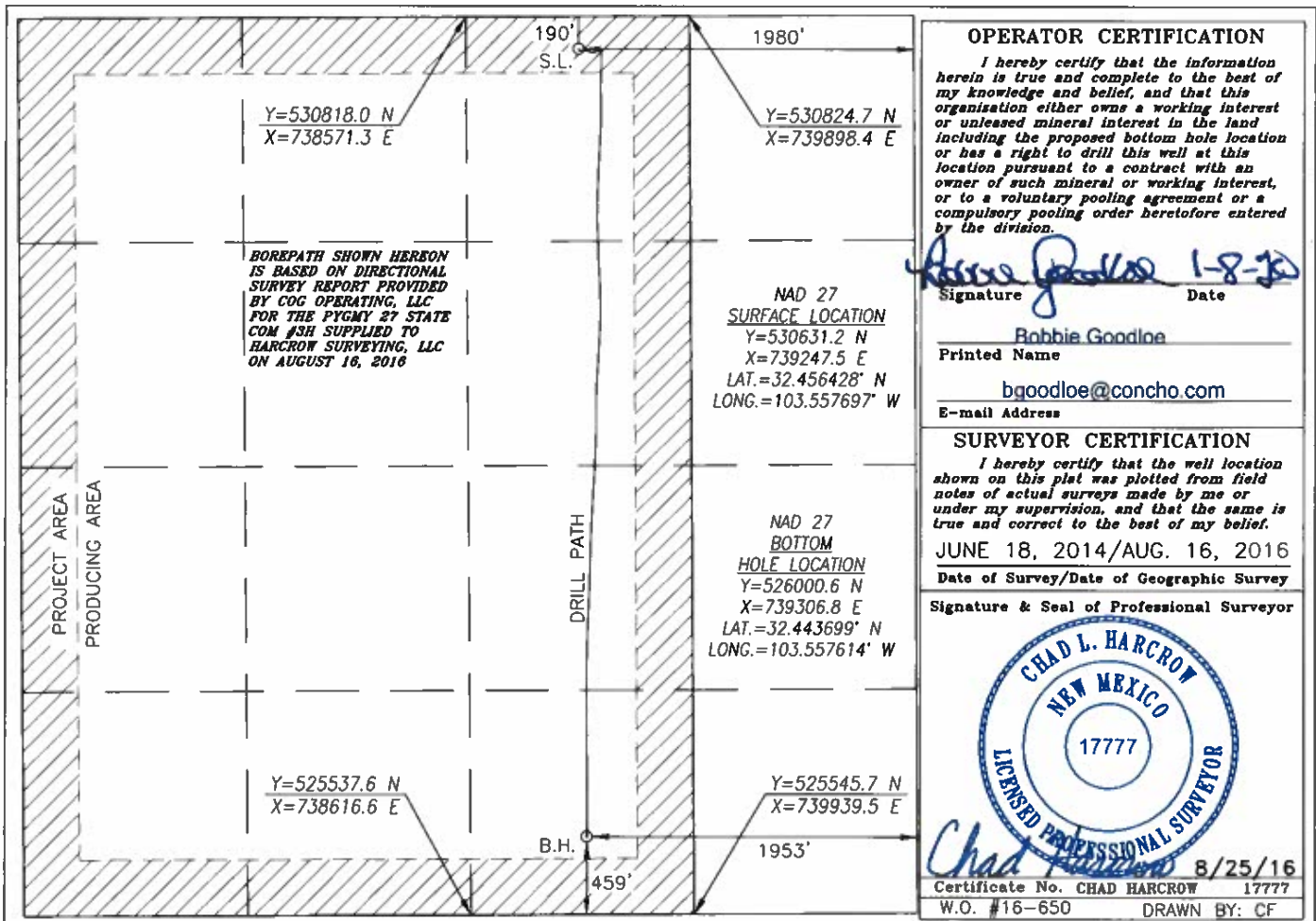
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	27	21-S	33-E		190	NORTH	1980	EAST	LEA

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
O	27	21-S	33-E		459	SOUTH	1953	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			R-14033-A

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



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.

Signature: *Robbie Goodloe* Date: 1-8-20

Printed Name: Robbie Goodloe

E-mail Address: bgoodloe@concho.com

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.

DATE OF SURVEY/DATE OF GEOGRAPHIC SURVEY: JUNE 18, 2014 / AUG. 16, 2016

Signature & Seal of Professional Surveyor



Certificate No. 16-650, DRAWN BY: CF

DISTRICT I
1625 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) 748-1263 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
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-42062	Pool Code 97929	Pool Name WC-025 G-06 S213326D; Bone Spring
Property Code 310282	Property Name PYGMY 27 STATE COM	Well Number 2H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3726.5'

Surface Location

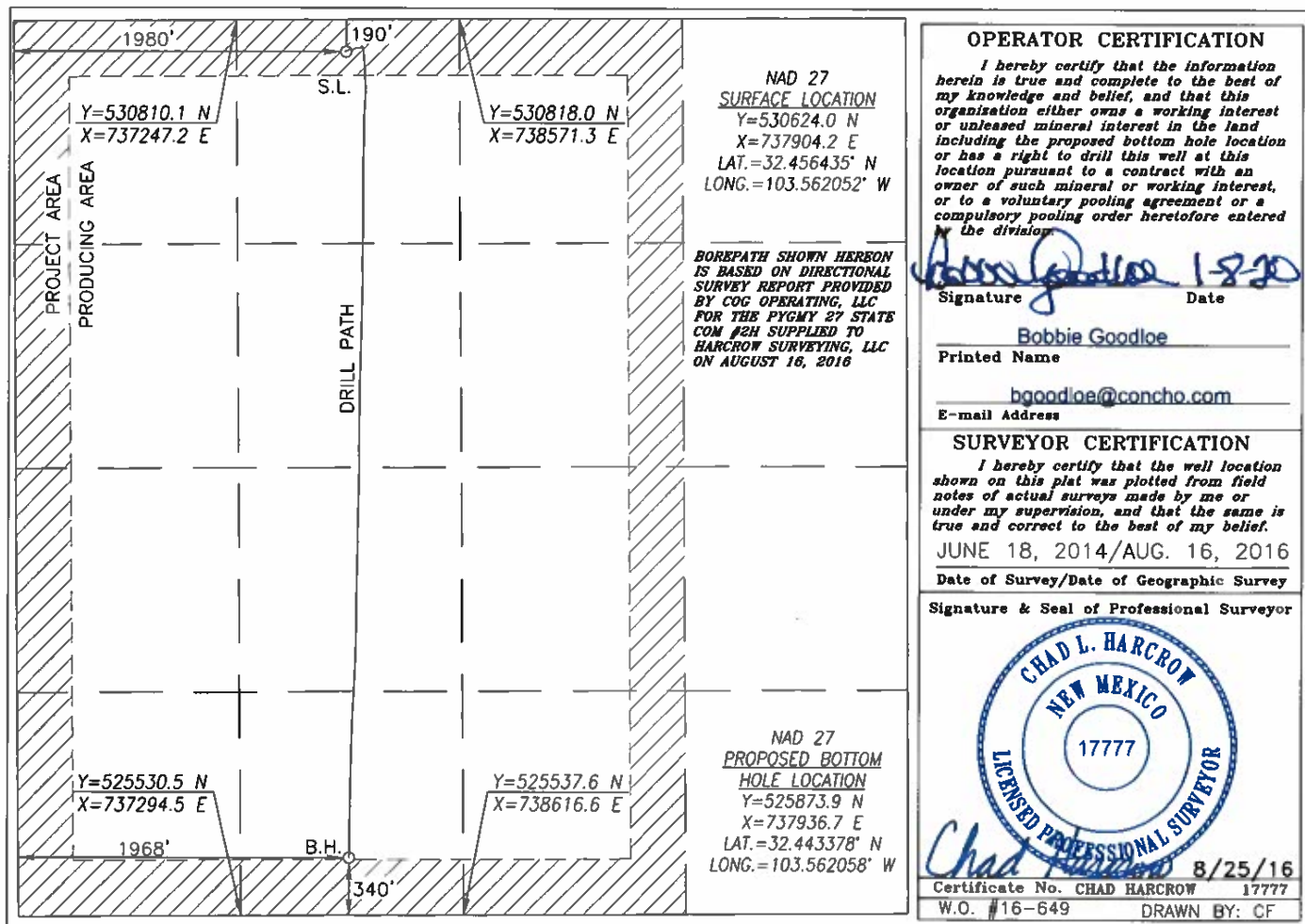
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	27	21-S	33-E		190	NORTH	1980	WEST	LEA

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
N	27	21-S	33-E		340	SOUTH	1968	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			R-14033-A

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



DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (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
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 30-025-40352	Pool Code 97929	Pool Name WC-025 G-06 S213323D; Bone Spring
Property Code 310282	Property Name PYGMY 27 STATE COM	Well Number 1H
OGRJD No. 272295	Operator Name COG OPERATING, LLC	Elevation 3706.2'

Surface Location

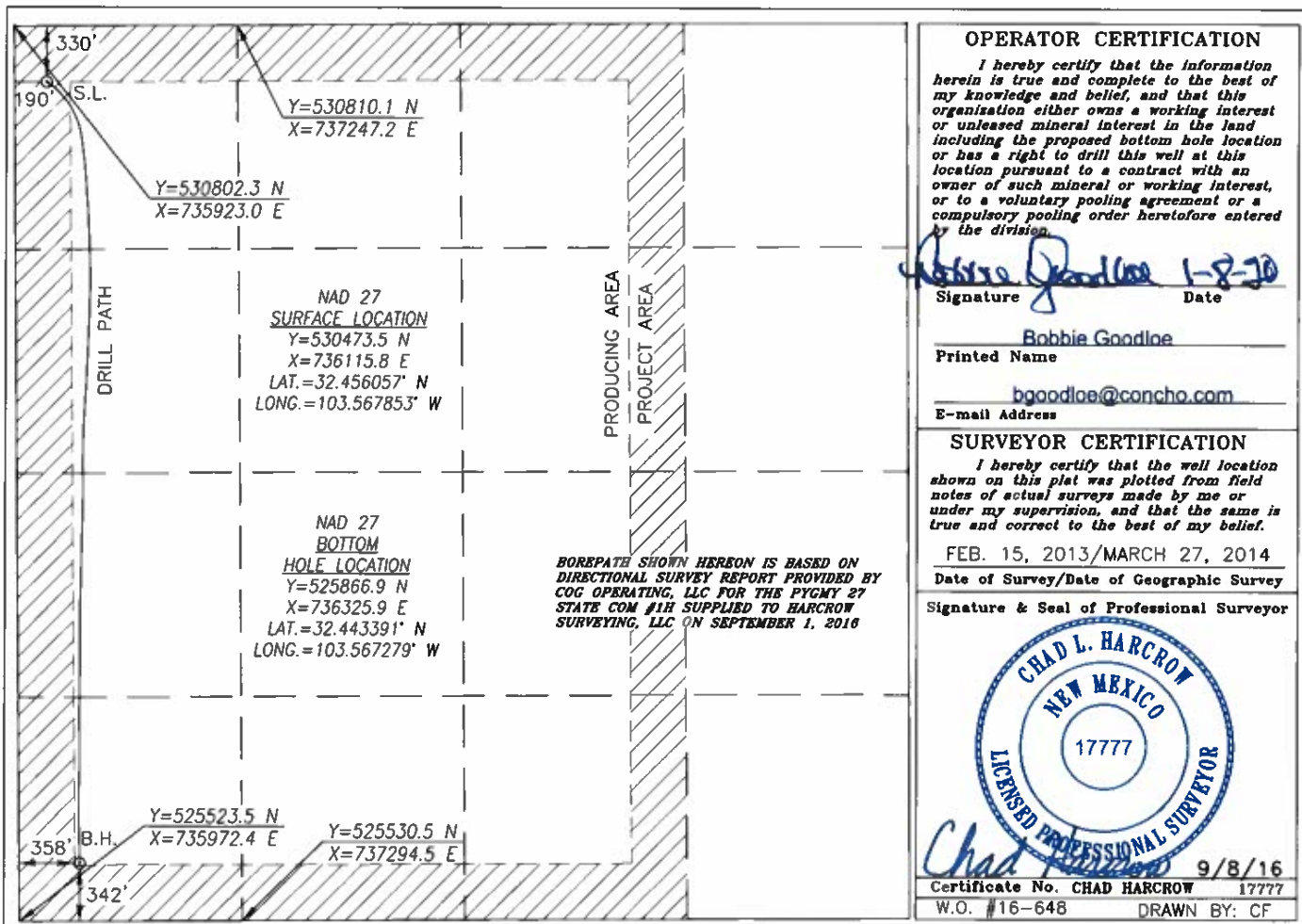
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	21-S	33-E		330	NORHT	190	WEST	LEA

Bottom Hole Location If Different From Surface

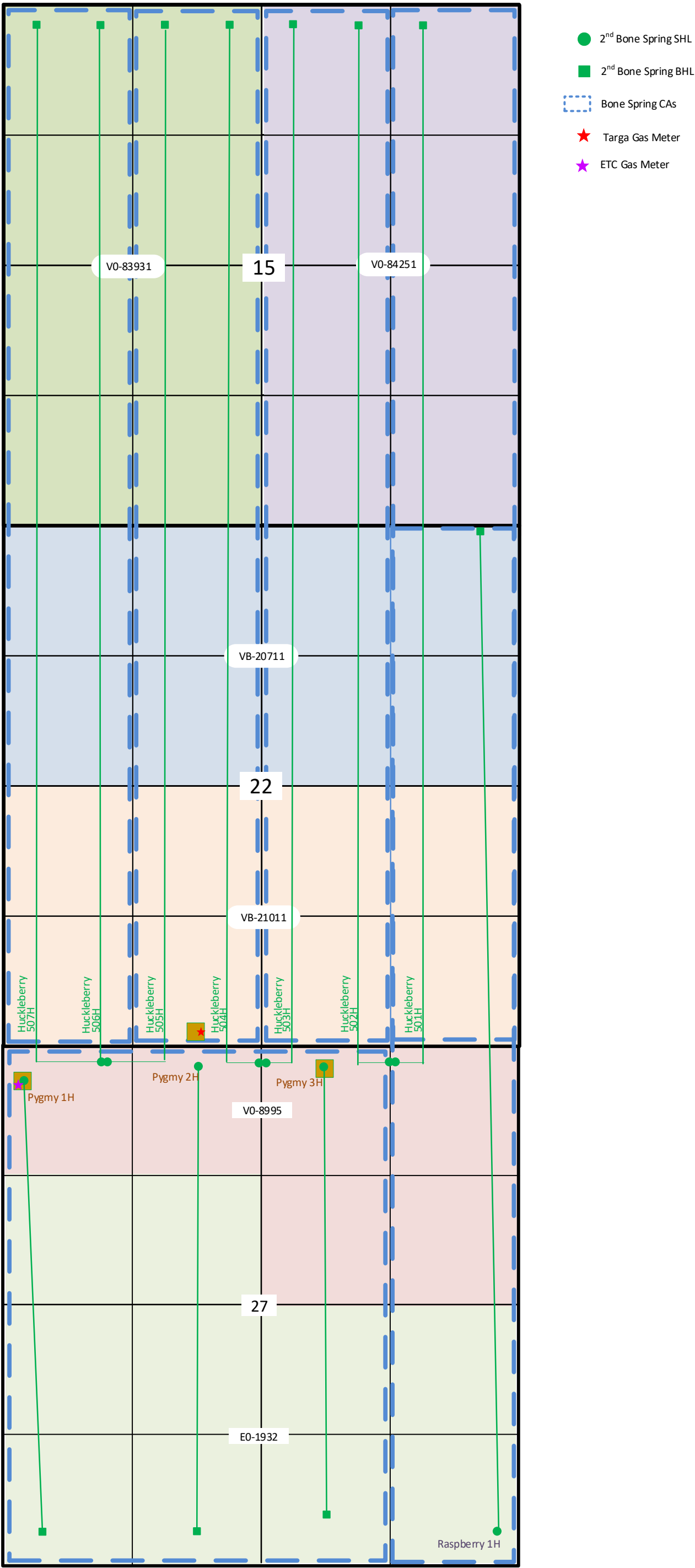
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	27	21-S	33-E		342	SOUTH	358	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			R-14033-A

**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**



Huckleberry/Pygmy/Raspberry Leases



Sec. 15, 22, 27-T21S-R33E
Lea County, NM



Pygmy State 1H - 3H
Raspberry State Com 1H
Huckleberry State Com 501H – 507H
Sec. 15, 22, 27-T21S-R33E
Lea County, NM

RASPBERRY STATE COM 1H BATTERY
SESE SECTION 27, T21S, R33E, UNIT P
LEA COUNTY, NM

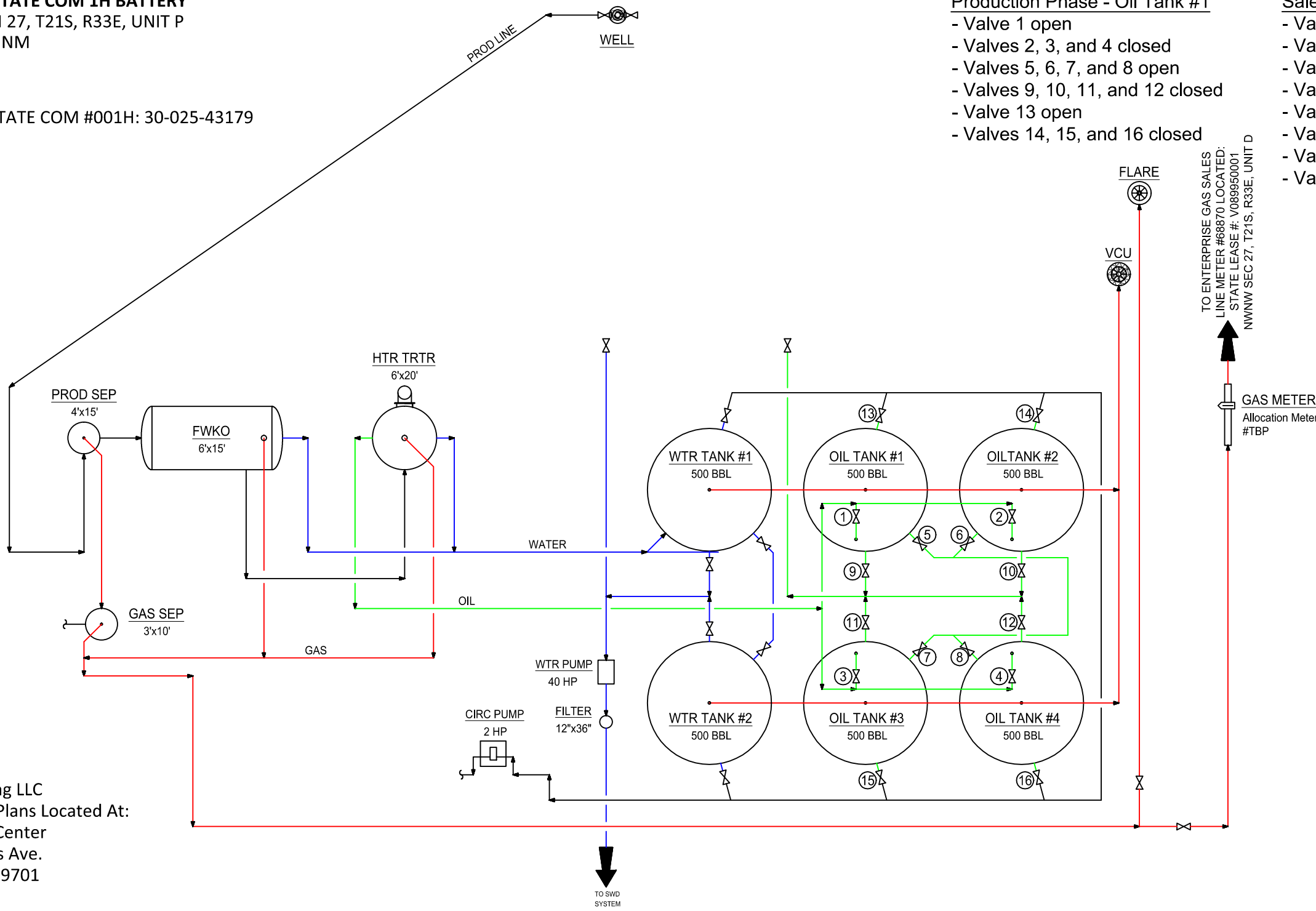
WELLS:
RASPBERRY STATE COM #001H: 30-025-43179

Production Phase - Oil Tank #1

- Valve 1 open
- Valves 2, 3, and 4 closed
- Valves 5, 6, 7, and 8 open
- Valves 9, 10, 11, and 12 closed
- Valve 13 open
- Valves 14, 15, and 16 closed

Sales Phase - Oil Tank #1

- Valve 1 closed
- Valves 2, 3, or 4 open
- Valve 5 closed
- Valves 6, 7, and 8 open
- Valve 9 open
- Valves 10, 11, and 12 closed
- Valve 13 closed
- Valves 14, 15, or 16 open



COG Operating LLC
Site Security Plans Located At:
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

Ledger for Site Diagram
Produced Fluid: —
Produced Oil: —
Produced Gas: —
Produced Water: —

NOTES:

Type of Lease: State
State Lease #: E019320002
Property Code: 316099
OGRID #: 229137

CONFIDENTIALITY NOTICE
THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LENT TO THE BORROWER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED.

REFERENCE DRAWINGS	
NO.	TITLE
A	COG OPERATING LLC 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701

REVISIONS			
NO.	DATE	DESCRIPTION	BY
A	06/01/12	ISSUE FOR SITE PERMITTING	CRB
B	10/05/16	UPDATED FOR RASPBERRY STATE 1H BTY	CMB

ENGINEERING RECORD	
BY	DATE
DRN: CRB	06/01/12
DES: CRB	06/01/12
CHK:	
APP:	
AFE NO:	
FACIL ENGR: C. BLEDSOE	
OPER ENGR: VARIES	
SCALE: NONE	

NEW MEXICO BASIN ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
RASPBERRY STATE COM 1H BATTERY

LEA COUNTY NEW MEXICO

TWNSHIP/RANGE DWG NO. REV

MULTIPLE D-1700-81-005 B

PYGMY 27 STATE 1H BATTERY
NWNW SECTION 27, T21S, R33E, UNIT D
LEA COUNTY, NM

WELLS:

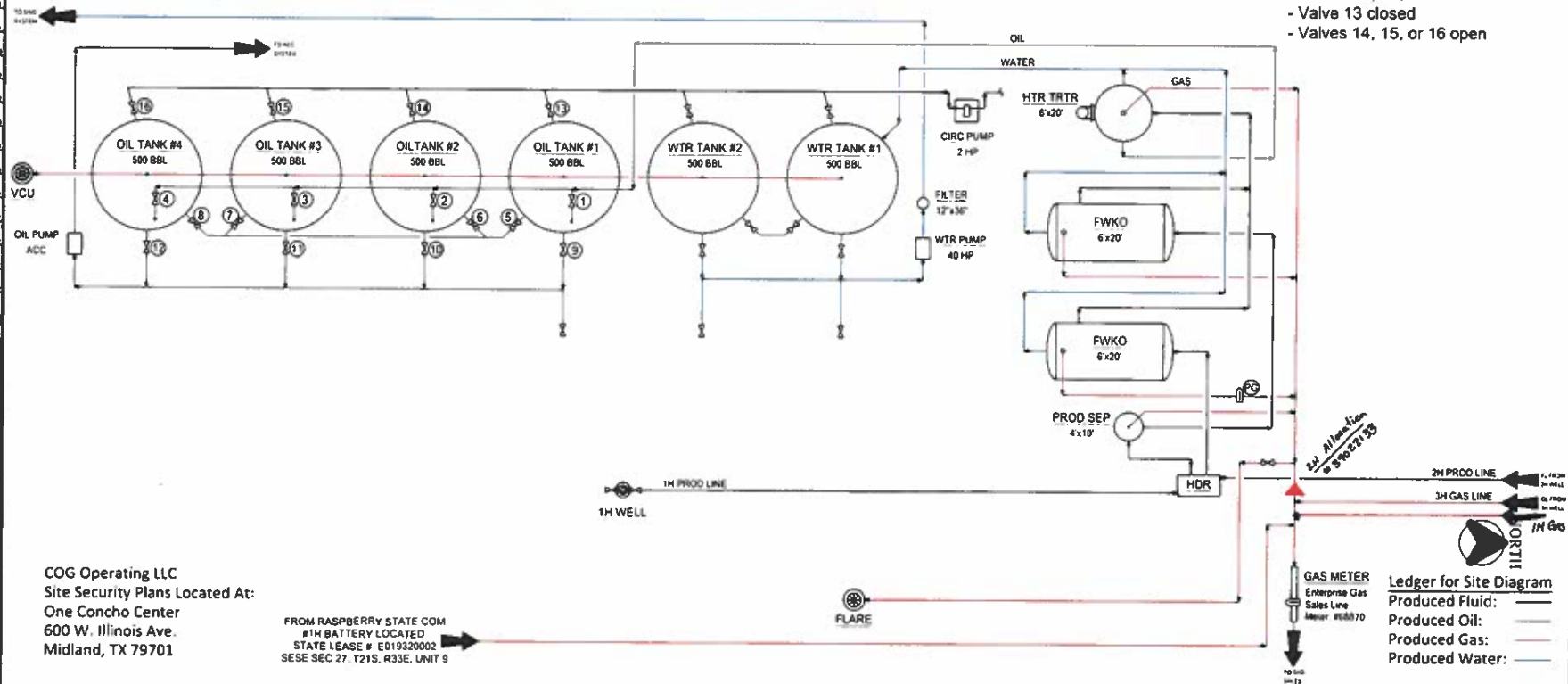
PYGMY 27 STATE #001H: 30-025-40352
PYGMY 27 STATE #002H: 30-025-42062

Production Phase - Oil Tank #1

- Valve 1 open
- Valves 2, 3, and 4 closed
- Valves 5, 6, 7, and 8 open
- Valves 9, 10, 11, and 12 closed
- Valve 13 open
- Valves 14, 15, and 16 closed

Sales Phase - Oil Tank #1

- Valve 1 closed
- Valves 2, 3, or 4 open
- Valve 5 closed
- Valves 6, 7, and 8 open
- Valve 9 open
- Valves 10, 11, and 12 closed
- Valve 13 closed
- Valves 14, 15, or 16 open



Type of Lease: State
State Lease #: V089950001
Property Code: 310282
OGRID #: 229137

CONFIDENTIALITY NOTICE

THIS DRAWING IS PROPERTY OF CONCHO BASIN LLC AND IS LOANED TO THE BORROWER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISCLOSED OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED.

REFERENCE DRAWINGS

NO. DATE DESCRIPTION BY CHK. APP. BY DATE

NO.	DATE	DESCRIPTION	BY	CHK.	APP.	BY	DATE
A	06/01/12	ISSUE FOR SITE PERMITTING	CHB			CHB	06/01/12
B	10/02/16	UPDATED FOR PYGMY 27 STATE 1H BTRY	CHB			CHB	06/01/13

COG OPERATING LLC
600 WEST ILLINOIS AVENUE
MIDLAND, TEXAS 79701

REVISIONS

NO. DATE DESCRIPTION BY CHK. APP. BY DATE

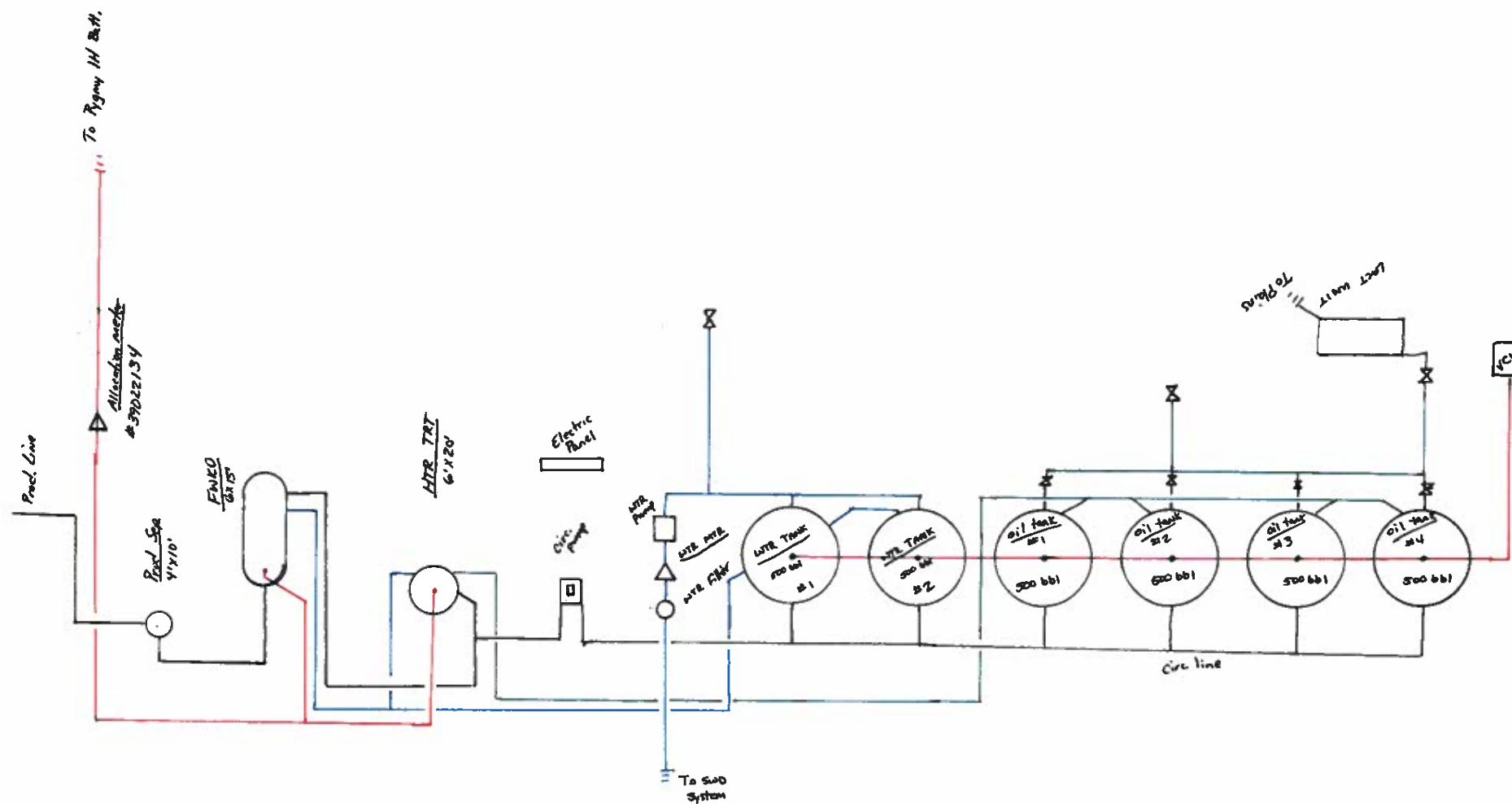
ENGINEERING RECORD

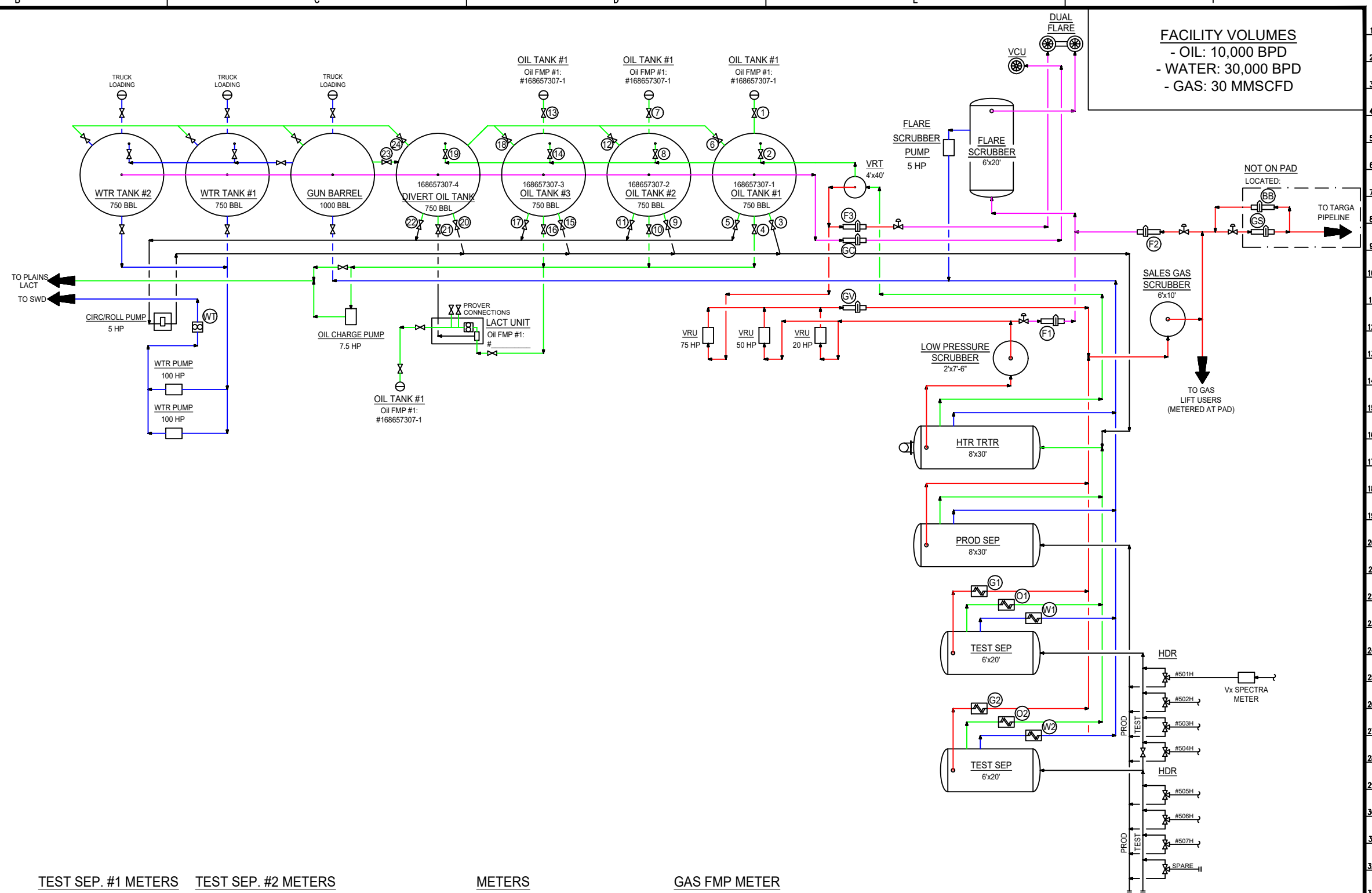
DRW. CHB 06/01/12
DES. CHB 06/01/13
APP. CHB
APE NO.
FAC. DIR. C. BLEDSOE
SPD. DIR. VANCE
SCALE: NONE

CONCHO
NEW MEXICO BASIN ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
PYGMY 27 STATE 1H BATTERY
LEA COUNTY
TRIMPLX
ONE NO. D-1700-81-005
REV. B

my 27 State = ON

→ N





NOTES:

Type of Lease: State
State Lease #: VB-21011, VB-20711, V0-83931, V0-84251
Federal Lease #: N/A
CA/Agreement #: N/A
Property Code: 322447
OGRID #: 229137

Ledger for Site Diagram

Produced Fluid:	—
Produced Oil:	—
Produced Gas:	—
Produced Water:	—
Flare/Vent:	—

CONFIDENTIALITY NOTICE

THIS DRAWING IS PROPERTY
OF COG OPERATING LLC AND
IS LENT TO THE BORROWER
FOR CONFIDENTIAL USE ONLY
AND IS SUBJECT TO RETURN
UPON REQUEST AND SHALL
NOT BE REPRODUCED,
COPIED, LENT OR OTHERWISE
DISPOSED OF DIRECTLY OR
INDIRECTLY, NOR USED FOR
ANY PURPOSE OTHER THAN
THAT WHICH IT IS
SPECIFICALLY FURNISHED.

REFERENCE DRAWINGS

NO.	TITLE
COG OPERATING LLC SITE SECURITY PLANS LOCATED AT-	ONE CONCHO CENTER 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701

METERS

LP Flare Gas Meter: (F1): #39022655	LP Flare Gas Meter: (F3): #196673-85823
HP Flare Gas Meter: (F2): #39022655	VRU/Booster Gas Meter: (GV): #39022654
VCU Gas Meter: (GC): #19667-8525	Water Transfer Meter: (WT): #P5009219000

GAS FMP METER

Targa Gas Sales Line
Meter (GS): #161001222
Targa Buy Back Gas Line
Meter (BB): #161001223

ENGINEERING RECORD

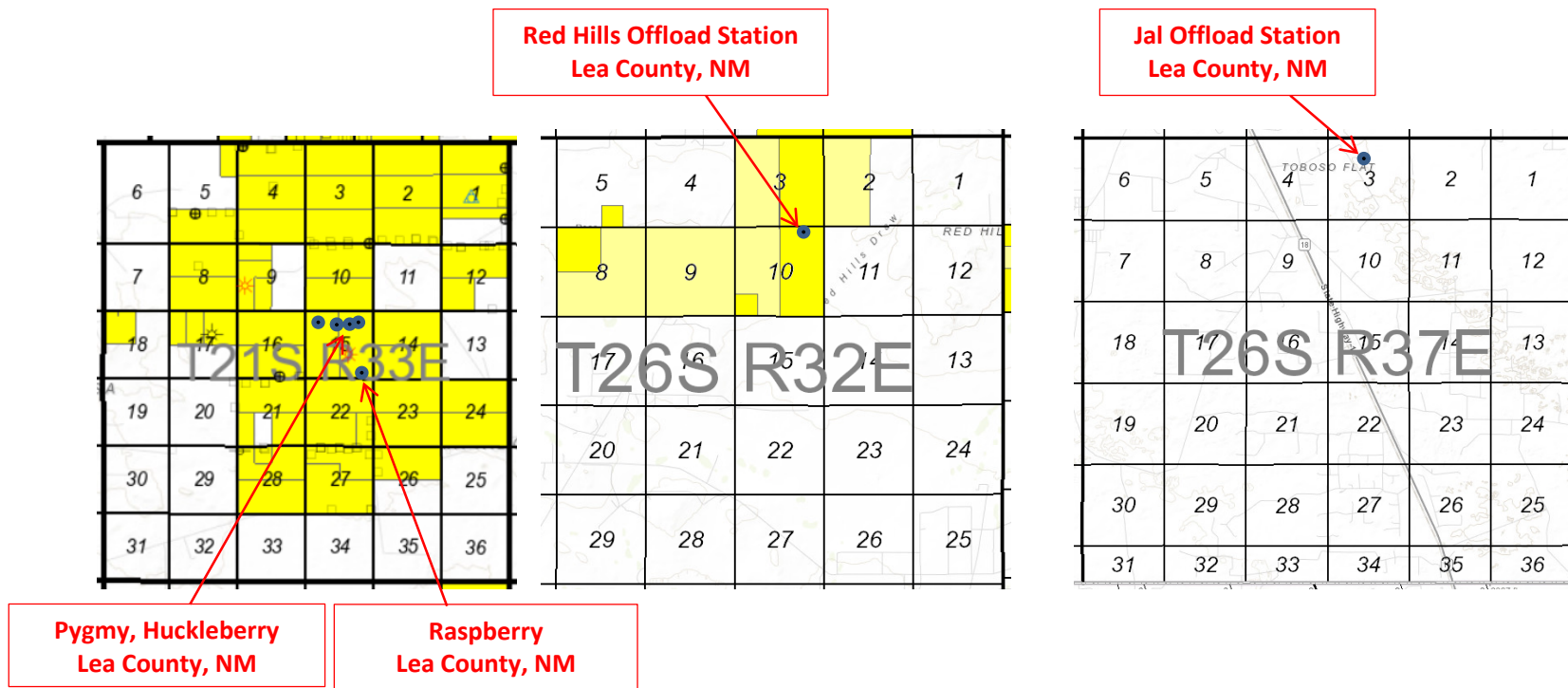
BY	DATE
URN: JS	03/11/19
CS:	
HK:	
PP:	
TE NO:	
CIL ENGR:	
ER ENGR:	VARIES
SALE:	NONE



NORTHERN DELAWARE BASIN ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
HUCKLEBERRY STATE 22 N CTB

LEA COUNTY		NEW MEXICO	
TWNSHP/RANGE	DWG NO.	REV	
MULTIPLE	D-1700-81-005	F	

**Raspberry St Com #1H
Pygmy 27 St #1H - #3H
Huckleberry St Com #501H - #507H
&
Red Hills and Jal Offload Station Map**



30-025-43179 RASPBERRY STATE COM #001H [316099]

General Well Information

Operator:
Status:
Well Type:
Work Type:

[229137] COG OPERATING LLC
Active
Oil
New

Direction:
Multi-Lateral:
Mineral Owner:
Surface Owner:

Horizontal
No
State
Private

Surface Location:
Lat/Long:
GL Elevation:
KB Elevation:
DF Elevation:

P-27-21S-33E 330 FSL 200 FEL
32.44345842,-103.5524045 NAD83
3709

Sing/Mult Compl:
Potash Waiver:

Single
False

[97929] WC-025 G-06 S213326D; BONE SPRING

Status:
Bottomhole Location:
Lat/Long:
Acreage:

Active
A-22-21S-33E 50 FNL 330 FEL
320 22-21S-33E Units: A H I P
27-21S-33E Units: A H I P

Last Produced:

10/01/2019

DHC:

Consolidation Code:
Production Method:

Flowing

Earliest Production in OCD Records:

10/2016 Last 10/2019

Show All Production

Export to Excel

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2019									
WC-025 G-06 S213326D;BONE SPRING									
Jan	10832	27615	25986	31	0	0	0	0	0
Feb	9261	22406	20852	28	0	0	0	0	0
Mar	3425	4655	3103	12	0	0	0	0	0
Apr	9428	13340	15828	30	0	0	0	0	0
May	9537	13677	14957	27	0	0	0	0	0
Jun	9783	16244	16905	30	0	0	0	0	0
Jul	9908	15206	16290	31	0	0	0	0	0
Aug	9483	12796	15778	31	0	0	0	0	0
Sep	9111	15619	14367	30	0	0	0	0	0
Oct	1870	2687	2910	8	0	0	0	0	0

[illegible]

General Well Information

Surface Owner: Private

Potash Waiver: False

Production Method:

[Show All Production](#) [Export to Excel](#)[illegible]

General Well Information

Surface Owner: Private

Potash Waiver: False

Production Method:

[Show All Production](#) [Export to Excel](#)[illegible]

[illegible]

[illegible]

General Well Information

[97895] WC-025 G-08 S213304D; BONE SPRING

Earliest Production in OCD Records: Last [Show All Production](#) [Export to Excel](#)

[illegible]

Application for Lease Commingle and Off Lease Measurement**Raspberry State Com #1H 30-025-43179****Pygmy 27 State Com #1H 30-025-40352****Pygmy 27 State Com #2H 30-025-42062****Pygmy 27 State Com #3H 30-025-42068****Huckleberry State Com #501H 30-025-45231****Huckleberry State Com #502H 30-025-45232****Huckleberry State Com #503H 30-025-45233****Huckleberry State Com #504H 30-025-45234****Huckleberry State Com #505H 30-025-45207****Huckleberry State Com #506H 30-025-45208****Huckleberry State Com #505H 30-025-45209****Notification List**

Date Sent	Initials	Name	Address	City	State	Zip Code	Cerified Return Receipt No.	Delivered
1/8/2020	bjg	CENTENNIAL RESOURCE PRODUCTION LLC	1001 17TH STREET STE 1800	DENVER	CO	80202	7017-3040-0000-1205-3917	
1/8/2020	bjg	CHARIS ROYALTY F LP	PO BOX 470158	FT WORTH	TX	76147	7017-3040-0000-1205-3924	
1/8/2020	bjg	COMMISSIONER OF PUBLIC LANDS	PO BOX 2308	SANTA FE	NM	87501	7017-3040-0000-1205-3931	
1/8/2020	bjg	CONOCO PHILLIPS COMPANY	22295 NETWORK PLACE	CHICAGO	IL	60673-1222	7017-3040-0000-1205-3948	
1/8/2020	bjg	DG ROYALTY LLC	110 N MARIENFELD ST, STE 200	MIDLAND	TX	79701	7017-3040-0000-1205-3955	
1/8/2020	bjg	EOG RESOURCES INC	P O BOX 840321	DALLAS	TX	75284-0321	7017-3040-0000-1205-3962	
1/8/2020	bjg	GMT NEW MEXICO ROYALTY COMPANY LLC	1560 BROADWAY SUITE 2000	DENVER	CO	80202	7017-3040-0000-1205-3979	
1/8/2020	bjg	THE ALLAR COMPANY	P O BOX 1567	GRAHAM	TX	76450-7567	7017-3040-0000-1205-3986	
		UNKNOWN OWNER						

January 8, 2020

SAMPLE LETTER

**Certified Mail – Return Receipt Requested
#7017-3040-0000-1205-3917**

Centennial Resource Production, LLC
1001 17th Street, Ste 1800
Denver, CO 80202

Dear Interest Owner:

This letter will serve as notice that COG Operating LLC has requested administrative approval from the Oil and Gas Division in Santa Fe, NM, to amend the current order, CTB-832, for Off-lease Measurement and Lease Commingling of gas only to include following wells:

Huckleberry State Com 501H, API# 30-025-45231, Ut. A, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 502H, API# 30-025-45232, Ut. B, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 503H, API# 30-025-45233, Ut. B, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 504H, API# 30-025-45234, Ut. C, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 505H, API# 30-025-45207, Ut. D, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 506H, API# 30-025-45208, Ut. D, Sec. 27-T21S-R33E, Lea County, NM
Huckleberry State Com 507H, API# 30-025-45209, Ut. D, Sec. 27-T21S-R33E, Lea County, NM

Currently Administrative Order CTB-832 includes the Pygmy 27 State Com #1H-3H wells which are communitized into one 480 acre spacing unit. The Raspberry State Com #1H well has a separate communitization agreement. All gas produced from the four wells are surface commingled and sold at the ETC gas sales meter #68870 located at the Pygmy 27 State Com #1H battery in Ut. D, Sec. 27-T21S-R33E.

On occasion, the ETC gas sales line used by the Pygmy/Raspberry wells will be shut in for extended periods of time. In order to prevent the unnecessary flaring of gas, we are requesting OCD approval to utilize the Targa gas meter #161001222 by commingling the Raspberry/Pygmy gas with Huckleberry gas when the ETC gas line is shut in.

Should you or your company have an objection to this method of gas measurement, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the Off-lease Measurement Facility if no objection has been made twenty (20) days after the application is received.

Sincerely,

Bobbie Goodloe
Regulatory Analyst

Enclosures

HOBBS NEWS SUN
LEGAL NOTICES

COG Operating LLC (COG), 2208 West Main, Artesia, New Mexico, 88210, has filed an application seeking administrative approval to amend previous Administrative Order CTB-832 Lease Commingle and Off-Lease Measurement for the Raspberry State Com 1H, Pygmy 27 State Com 1H, 2H & 3H to include the Huckleberry State Com 501H, 502H, 503H, 504H, 505H, 506H and 507H with the New Mexico Oil Conservation Division. All wells are located in Section 27, Township 21 South, Range 33 East, Lea County, New Mexico. COG is seeking approval, in the event the that Pygmy/Raspberry ETC gas sales meter is shut in, to sell gas at the Huckleberry Targa gas sales meter to prevent unnecessary flaring of gas. Any interested party who has an objection to this must give notice in writing to the Oil Conservation Division, 1220 South Saint Francis Street, Santa Fe, New Mexico, 87505, within ten (10) days of this notice. Any interested party with questions or comments may contact Luke Bedrick (432) 686-3000 or LBedrick@concho.com at COG Operating LLC, 600 West Illinois, Midland, Texas 79701.

Published in the Hobbs News Sun, Hobbs, New Mexico _____, 2020.