

Initial Application Part I

Received: 08/21/2019

This application is placed in file for record. It MAY or MAY NOT have been reviewed to be determined Administratively Complete

RECEIVED: 08/21/2019	REVIEWER:	TYPE: PLC	APP NO: pMAM1923357566
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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: <u>COG OPERATING, LLC</u>	OGRID Number: <u>229137</u>
Well Name: <u>LITTLE BEAR FEDERAL COM #2H</u>	API: <u>30-025-45149</u>
Pool: <u>BERRY; BONE SPRING, NORTH</u>	Pool Code: <u>5535</u>

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

PLC-599

- 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.

BOBBIE J. GOODLOE
 Print or Type Name

8-21-19
 Date

575-748-6952
 Phone Number

Bobbie J. Goodloe
 Signature

bgoodloe@concho.com
 e-mail Address



August 21, 2019

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

Re: Application for Administrative Approval of Pool/Lease Commingle and CTB

Dear Mr. McMillan,

COG Operating LLC, respectfully requests approval for off-lease measurement and lease/pool commingling for the following wells:

Little Bear Federal Com #2H
API# 30-025-45149
Berry; Bone Spring, N
SHL: 406' FSL 565' FEL, Ut. P, Sec. 33-T20S-R34E
BHL: 2416' FSL 725' FWL, Ut. I, Sec. 28-T20S-34E
Lea County, NM

Little Bear Federal Com #3H
API# 30-025-45099
Berry; Bone Spring, N
SHL: 696' FSL 2167' FEL, Ut. O, Sec. 33-T20S-R34E
BHL: 2440' FSL 2316' FEL, Ut. J, Sec. 28-T20S-R34E
Lea County, NM

Little Bear Federal Com #7H
API# 30-025-45103
WC-025 G-08 S203435D; Wolfcamp
SHL: 696' FSL 2137' FEL, Ut. O, Sec. 33-T20S-R34E
BHL: 2440' FSL 998' FWL, Ut. L, Sec. 28-T20S-34E
Lea County, NM

Little Bear Federal Com #8H
API# 30-025-45104
WC-025 G-08 S203435D; Wolfcamp
SHL: 696' FSL 2197' FEL, Ut. O, Sec. 33-T20S-R34E
BHL: 2439' FSL 2302' FWL, Ut. K, Sec. 28-T20S-34E
Lea County, NM

Oil Production:

Coriolis meters will be utilized for oil measurement on the downstream side of the heater treater vessels for each production train. These meters will act as allocation and will be proven as per API, NMOCD, and BLM specs upon initial installation. 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:

Orifice meters will be located downstream of each inlet 2-phase vessel, these will act as the gas allocation for each well entering the facility. These meters will meet API and AGA standards and will be calibrated on a regular interval per API, NMOCD, and BLM regulations. Gas from all the remaining process equipment will be gathered by the VRU and metered on the discharge side into the sales line. This VRU sales volume will be allocated back to each well based on the individual well's gas production. FMP's for both oil and gas will be at the point of custody transfer at the LACT unit and Targa owned sales gas meter.

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

Received by OCD: 8/21/2019 3:13:22 PM

Page 2

August 21, 2019

NM Oil Conservation Division

All owners of interest have been notified by certified mail that should they have an objection to this off-lease measurement and surface commingling, they must file a formal protest with the NMOCD within 20 days of the date of this application. A Public Notice has also been posted in the Hobbs News Sun. Proof of owner notification and copy of Public Notice is enclosed.

Please see the enclosed Administrative Application Checklist, C-107B Application for Surface Commingling, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations and prior month's production along with copies of the submitted FMP sundries.

Thank you for your attention to this matter.

Sincerely,


Bobbie J Goodloe
Regulatory Analyst

Enclosures

xc: Artesia OCD

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 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
Berry; Bone Spring, North / 5535	46.8 / 1397.9				
WC-025 G-08 S203435D; WC / 98247	47.0 / 1339.5				

(2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No.
(4) Measurement type: Metering Other (Specify)
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

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

(1) Pool Name and Code.
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)

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

(1) Complete Sections A and E.

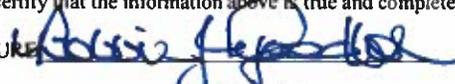
(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

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

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

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

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

SIGNATURE:  TITLE: Regulatory Analyst

DATE: 8-21-19

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: (575) 393-8181 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-8720

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45149	Pool Code 5535	Pool Name Berry; Bone Spring, North
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3815.0'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	33	20-S	34-E		406	SOUTH	565	EAST	LEA

Bottom Hole Location If Different From Surface

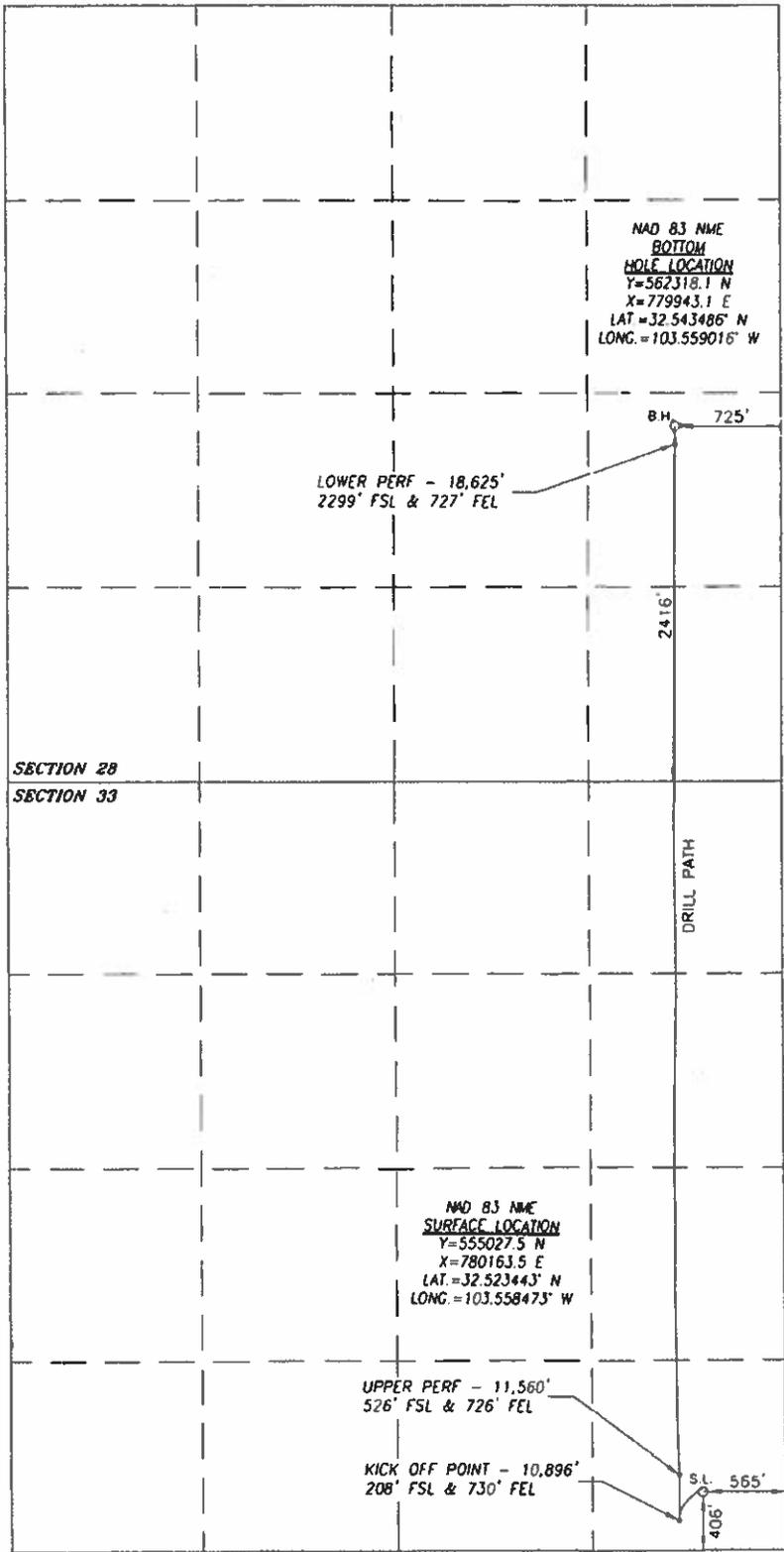
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	28	20-S	34-E		2416	SOUTH	725	EAST	LEA

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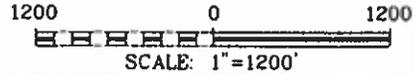
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3815.0'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE LITTLE BEAR FEDERAL COM #2H SUPPLIED TO HARCROW SURVEYING, LLC ON JUNE 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.

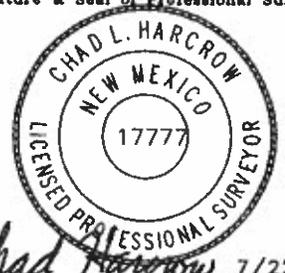
Bobbie Goodloe 8-21-19
 Signature Date

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.

APRIL 19, 2017/DEC. 18, 2018
 Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad HARCROW 7/22/19
 Certificate No. CHAD HARCROW 17777

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-8161 Fax: (575) 393-8720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-8720

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 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 30-025-45099	Pool Code 5535	Pool Name Berry; Bone Spring, North
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 3H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3805.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	20-S	34-E		696	SOUTH	2167	EAST	LEA

Bottom Hole Location If Different From Surface

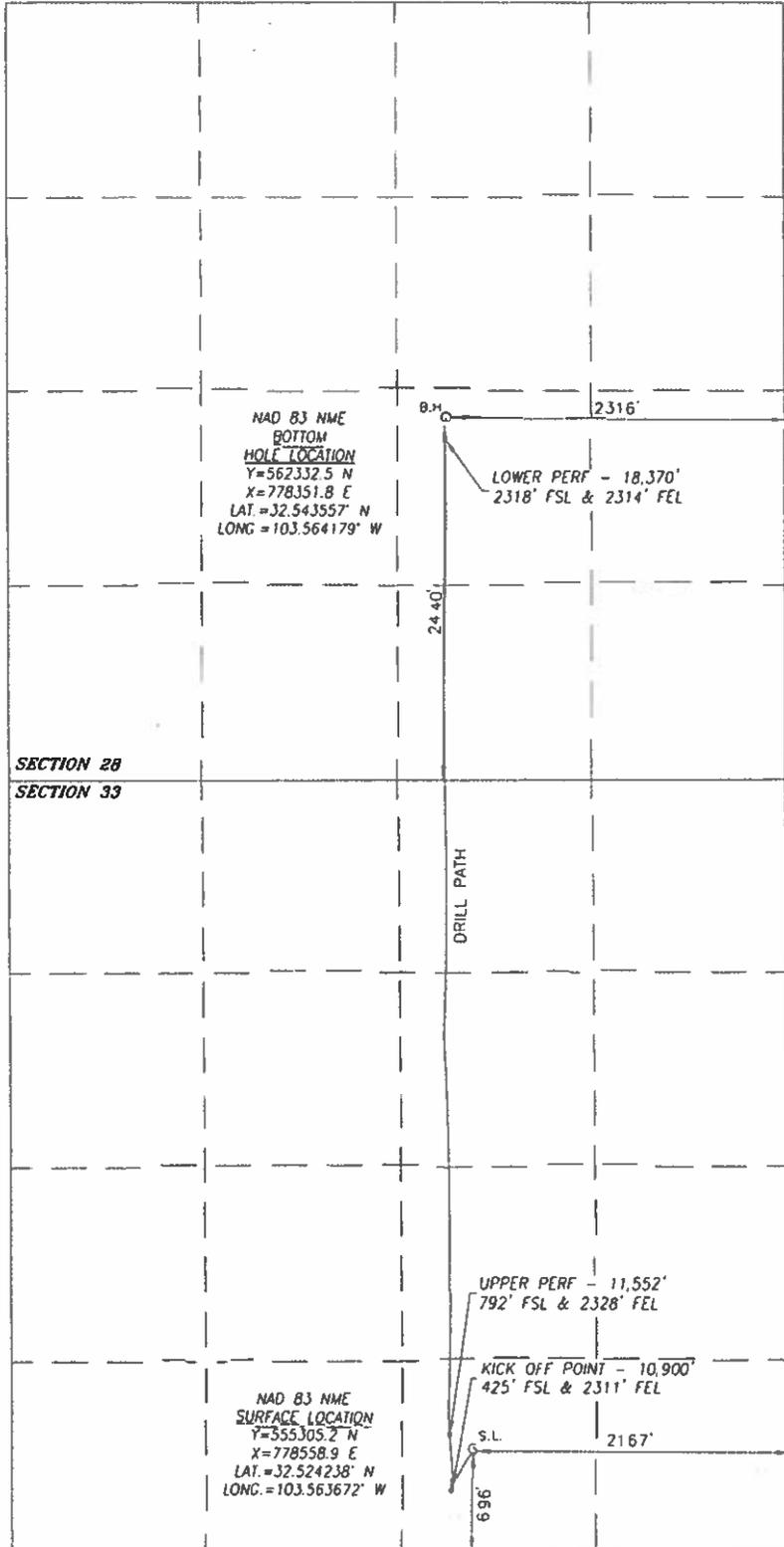
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	20-S	34-E		2440	SOUTH	2316	EAST	LEA

Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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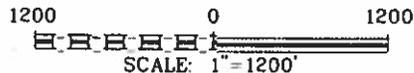
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SEE PAGE 2

Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 3H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3805.2'



BOREPATH SHOWN HEREBON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE LITTLE BEAR FEDERAL COM #3H SUPPLIED TO HARCROW SURVEYING, LLC ON JULY 1, 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 unless 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 2-2-19
Signature Date

Bobbie Goodloe
Printed Name

hgoodloe@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.

FEB. 14, 2018/DEC. 3, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 7/22/19
Certificate No. CHAD HARCROW 17777

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

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45103	Pool Code 98247	Pool Name WC-025 G-08 S203435D; WOLFCAMP
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 7H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3806.0'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	20-S	34-E		696	SOUTH	2137	EAST	LEA

Bottom Hole Location If Different From Surface

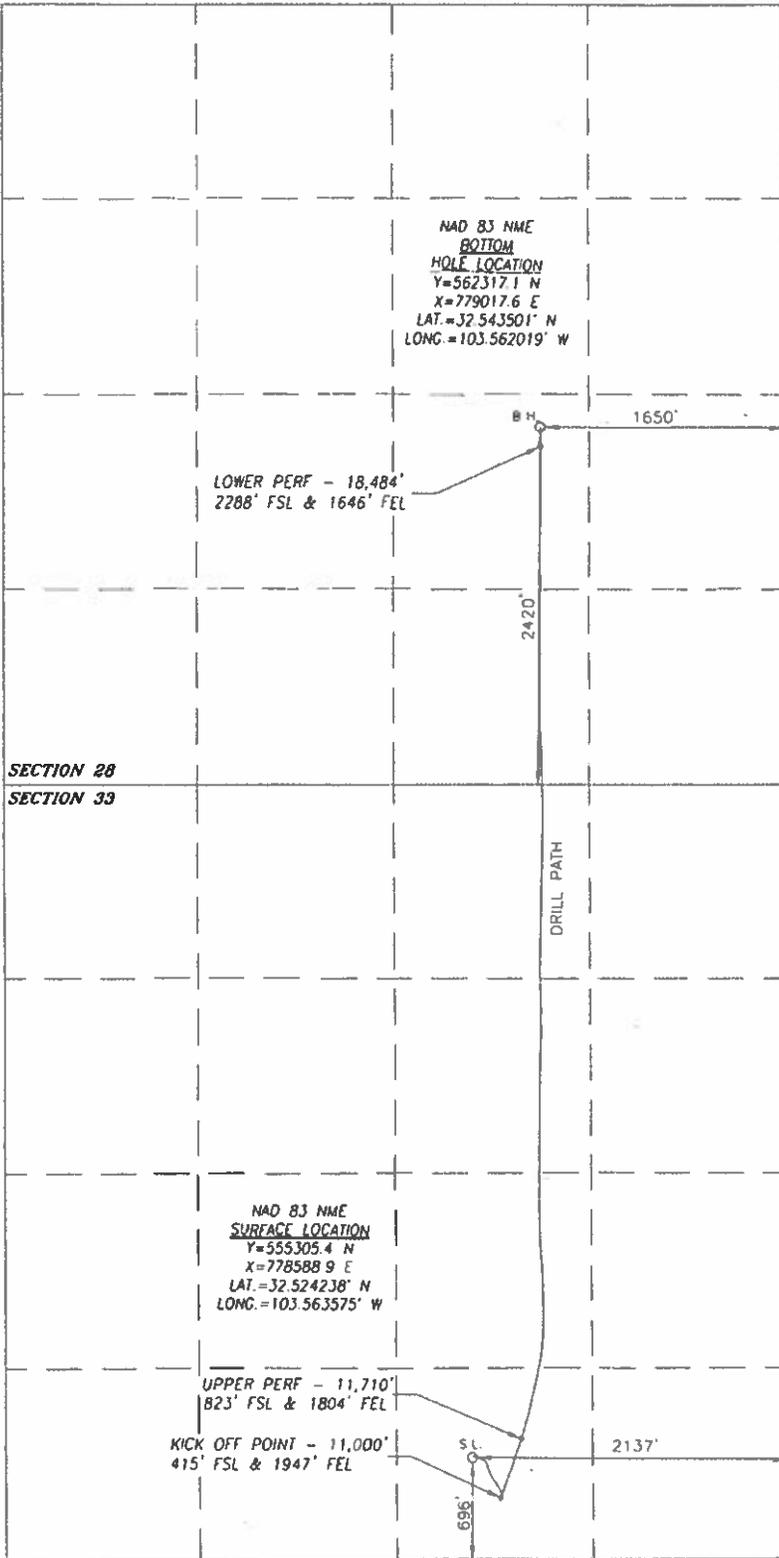
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	28	20-S	34-E		2420	SOUTH	1650	EAST	LEA

Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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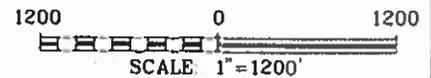
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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SEE PAGE 2

Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 7H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3806.0'



BOREPATH SHOWN HEREBON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE LITTLE BEAR FEDERAL COM #7H SUPPLIED TO HARCROW SURVEYING, LLC ON JULY 1, 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 8-21-19
Date

Bobbie Goodloe
Printed Name

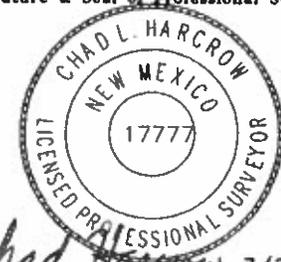
bgoodloe@concho.com
E-mail Address

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.

JUNE 14, 2018/JAN 2, 2019
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Hargrow 7/22/19
Certificate No. CHAD HARCROW 17777

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

Form C-102
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45104		Pool Code 98247	Pool Name WC-025 G-08 S203435D; WOLFCAMP
Property Code 322258	Property Name LITTLE BEAR FEDERAL COM		Well Number 8H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3804.5'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	33	20-S	34-E		696	SOUTH	2197	EAST	LEA

Bottom Hole Location If Different From Surface

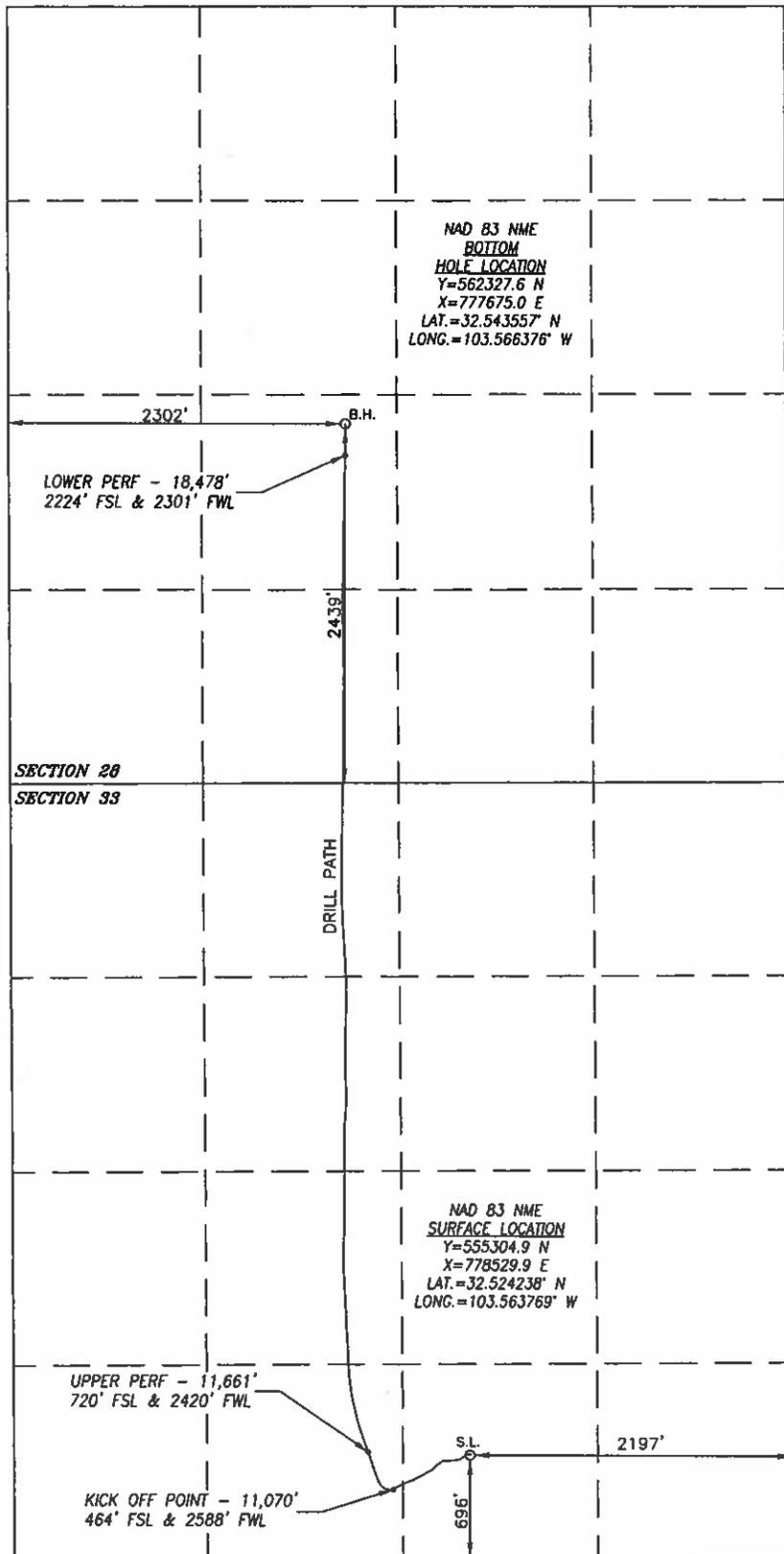
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	28	20-S	34-E		2439	SOUTH	2302	WEST	LEA

Dedicated Acres 240	Joint or Infill	Consolidation Code	Order No.
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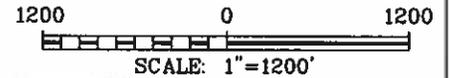
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 322258	Property Name LITTLE BEAR FEDERAL COM	Well Number 8H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3804.5'



BOREPATH SHOWN HEREBY IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE LITTLE BEAR FEDERAL COM #8H SUPPLIED TO HARCROW SURVEYING, LLC ON JULY 2, 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 to the division.

Signature *Bobbie Goodloe* Date *8-21-19*

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.

JUNE 14, 2018/FEB. 18, 2019

Date of Survey/Date of Geographic Survey

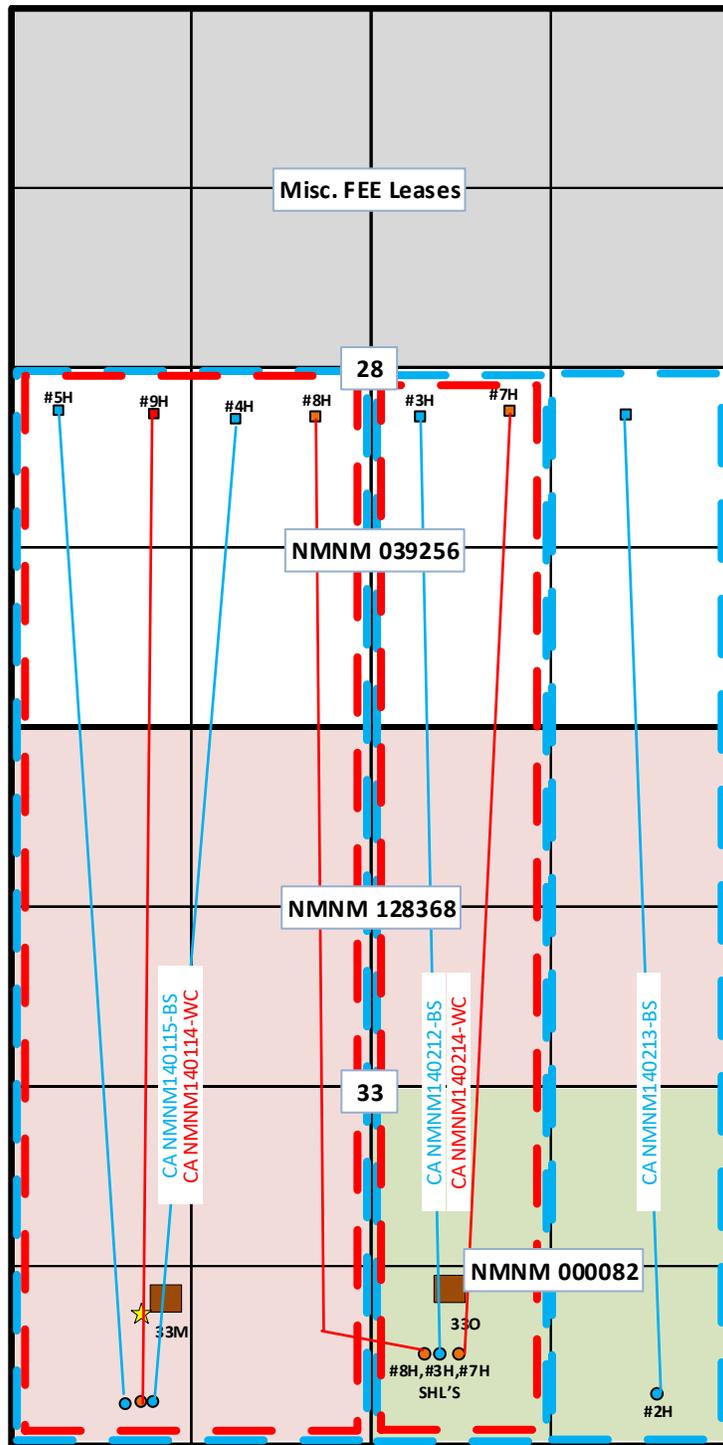
Signature & Seal of Professional Surveyor



Chad Harcrow 7/22/19

Certificate No. CHAD HARCROW 17777

Little Bear Federal 33M & 330 CTB's



T20S-R34E
Lea County, NM

- Bone Spring SHL
- Bone Spring BHL
- Wolfcamp SHL
- Wolfcamp BHL
- CTB
- ★ GSM

- Bone Spring CA's
- Wolfcamp CA'S

Little Bear Fed 330 CTB

Little Bear Fed Com #2H, #3H, #7H, #8H
Sec 33-T20S-R34E
Lea County, NM

Legend

-  Little Bear Fed SHL's
-  Little Bear Fed #330 - Targa Gas Sales Meter #1181335
-  Little Bear Fed 330 CTB

33

Little Bear Fed 330 CTB  Little Bear Fed #330 - Targa Gas Sales Meter #1181335 

Little Bear Fed Com #7H - SHL  Little Bear Fed Com #8H - SHL 

Little Bear Fed Com #3H - SHL 

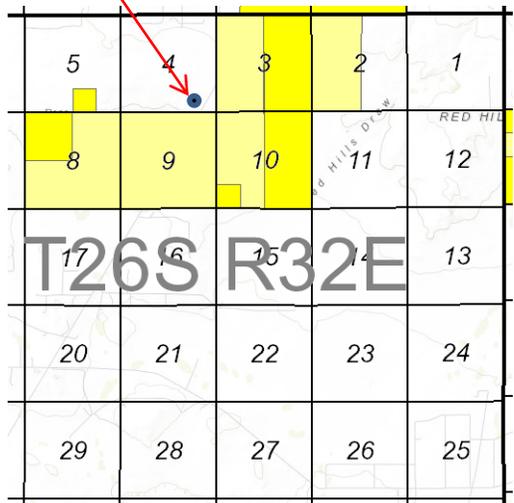
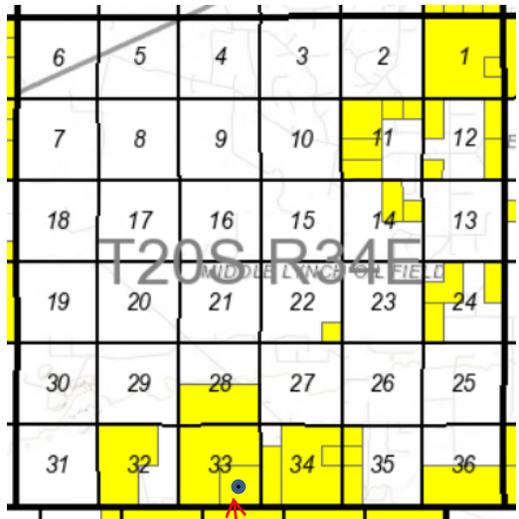
 Little Bear Fed Com #2H - SHL



Little Bear Federal 330 CTB (Little Bear Fed Com #2H, #3H, #7H & #8H) & Red Hills and Jal Offload Station Map

**Red Hills Offload Station
Lea County, NM**

**Jal Offload Station
Lea County, NM**



**Little Bear Fed 330 CTB
Lea County, NM**

LITTLE BEAR FEDERAL 330 CTB
 SECTION 33, T20S, R34E, UNIT O
 COORDS: 32.525337, -103.563577
 LEA COUNTY, NM

WELLS:
 LITTLE BEAR FEDERAL COM #002H: 30-025-45149
 LITTLE BEAR FEDERAL COM #003H: 30-025-45099
 LITTLE BEAR FEDERAL COM #007H: 30-025-45103
 LITTLE BEAR FEDERAL COM #008H: 30-025-45104

METERS

#002H Gas Lift Meter: (L1): #39022614
 #007H Gas Lift Meter: (L2): #39022616
 #003H Gas Lift Meter: (L3): #39022615
 #008H Gas Lift Meter: (L4): #39022617
 HP Flare Gas Meter: (F1): #FD40865A
 LP Flare Gas Meter: (F2): #FD40865A
 Targa FMP Sales Gas Meter: (GS): #1181335
 Targa Buy Back Gas Meter: (BB): #118100142

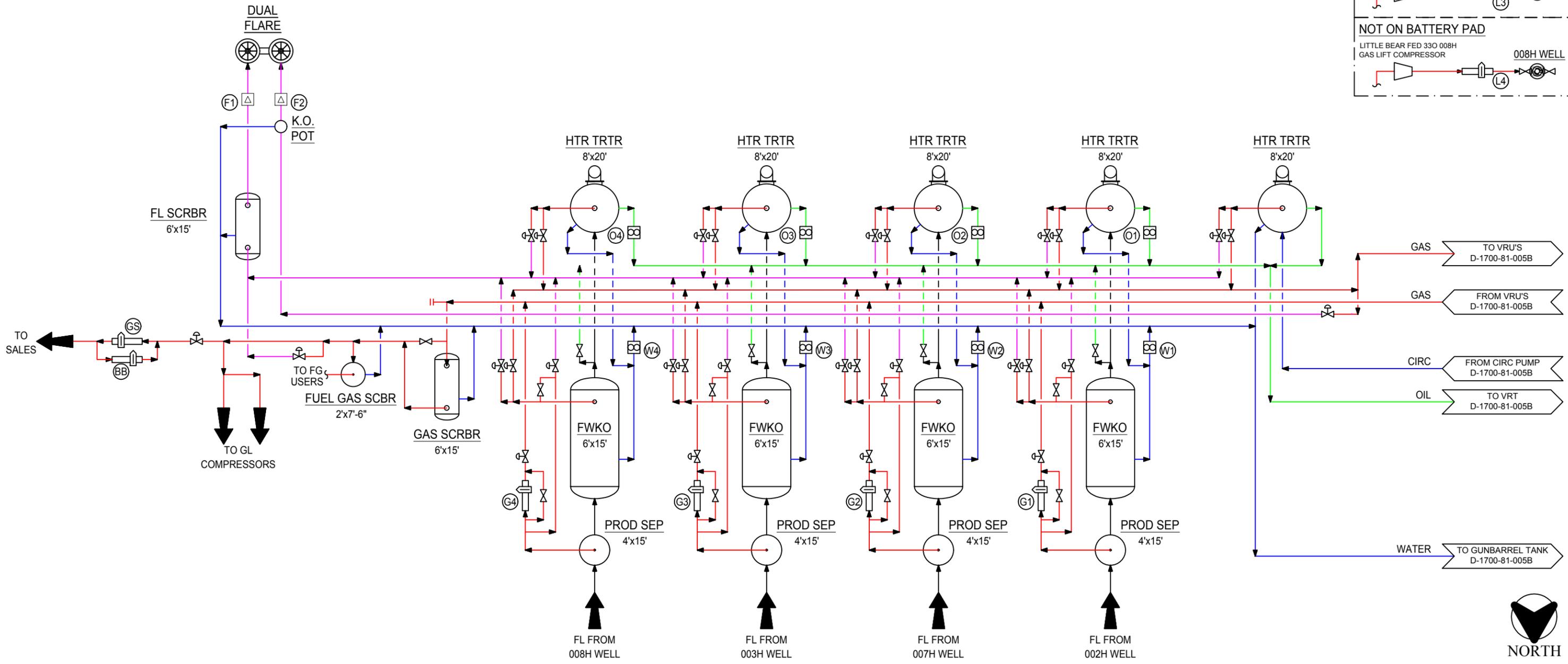
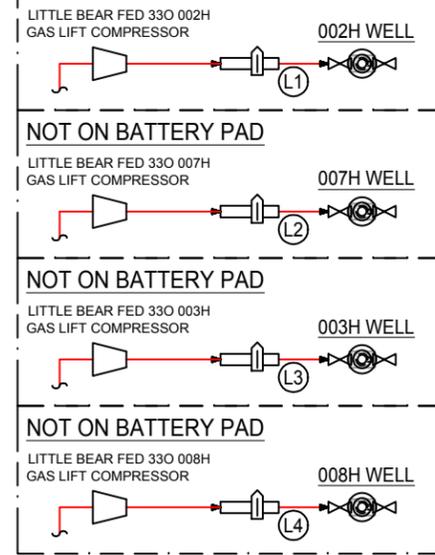
ALLOC. METERS

#002H Meters:
 OIL (O1): #P1029116000
 WATER (W1): #P402A216000
 GAS (G1): #39022556
 #007H Meters:
 OIL (O2): #P1028A16000
 WATER (W2): #P4030B16000
 GAS (G2): #39022558
 #003H Meters:
 OIL (O3): #P30B4816000
 WATER (W3): #P4030516000
 GAS (G3): #39022557
 #008H Meters:
 OIL (O4): #P30B4916000
 WATER (W4): #P402A416000
 GAS (G4): #39022559

FACILITY VOLUMES

- OIL: 8,000 BPD
 - WATER: 12,000 BPD
 - GAS: 16 MMSCFD

NOT ON BATTERY PAD



NOTES:
 Type of Lease: Federal
 State Lease #: N/A
 Federal Lease #: NMNM128368, NMNM0000082, & NMNM0039256
 CA/Agreement #: N/A
 Property Code: 322258
 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		REVISIONS			ENGINEERING RECORD	
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	DATE
A		1	02/25/19	ISSUED FOR REVIEW	JS	02/25/19
B		2	02/26/19	ISSUED PER PRELIM	JS	
C		3	03/11/19	RE-ISSUED PER PRELIM	JS	
D		4	05/17/19	REVISED PER AS-BUILT	JS	

COG OPERATING LLC
 SITE SECURITY PLANS
 LOCATED AT:
 ONE CONCHO CENTER
 600 WEST ILLINOIS AVENUE
 MIDLAND, TEXAS 79701

REFERENCE DRAWINGS		REVISIONS			ENGINEERING RECORD	
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	DATE
A		1	02/25/19	ISSUED FOR REVIEW	JS	02/25/19
B		2	02/26/19	ISSUED PER PRELIM	JS	
C		3	03/11/19	RE-ISSUED PER PRELIM	JS	
D		4	05/17/19	REVISED PER AS-BUILT	JS	

AFE NO:
 FACIL ENGR:
 OPER ENGR: VARIES
 SCALE: NONE

CONCHO

NORTHERN DELAWARE BASIN ASSET
 PRODUCTION FACILITIES
 SITE FACILITY DIAGRAM
 LITTLE BEAR FEDERAL 330 CTB

LEA COUNTY NEW MEXICO

TWNESH/RANGE DWG NO. REV
 MULTIPLE D-1700-81-005A (PAGE 1 OF 2) D

LITTLE BEAR FEDERAL 330 CTB
 SECTION 33, T20S, R34E, UNIT O
 COORDS: 32.525337, -103.563577
 LEA COUNTY, NM

WELLS:
 LITTLE BEAR FEDERAL COM #002H: 30-025-45149
 LITTLE BEAR FEDERAL COM #003H: 30-025-45099
 LITTLE BEAR FEDERAL COM #007H: 30-025-45103
 LITTLE BEAR FEDERAL COM #008H: 30-025-45104

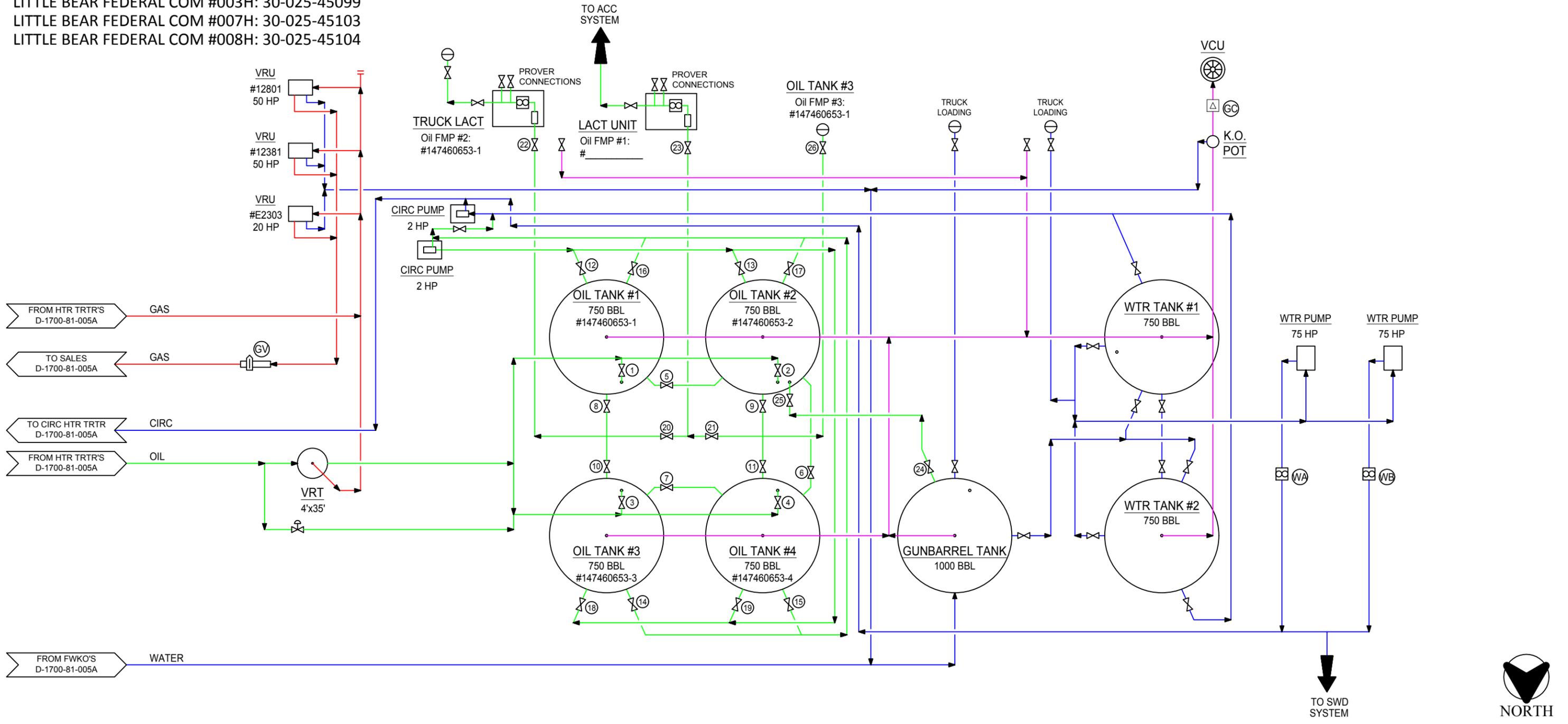
GAS METERS
 VRU Gas Meter: (GV): #39022554
 VCU Gas Meter: (GC): #FD40866A

WATER METERS
 Water Transfer Meter: (WA): #P1067916000
 Water Transfer Meter: (WB): #P1067416000

Production & Sales Phase - Oil Tank #2, #3, #4
 - Valve 1 and 2 closed
 - Valves 3 thru 7 open
 - Valves 8 and 9 closed
 - Valves 10 and 11 open
 - Valves 12 thru 19 closed
 - Vales 20 and 22 thru 25 open
 - Valve 21 and 26 closed

Truck Sales Phase - Oil Tank #2, #3, #4
 - Valve 3, 10, 24, and 25 open
 - All other valves closed

FACILITY VOLUMES
 - OIL: 8,000 BPD
 - WATER: 12,000 BPD
 - GAS: 16 MMSCFD



NOTES:
 Type of Lease: Federal
 State Lease #: N/A
 Federal Lease #: MNM128368, MNM0000082, & MNM0039256
 CA/Agreement #: N/A
 Property Code: 322258
 OGRID #: 229137

Ledger for Site Diagram
 Produced Fluid: _____
 Produced Oil: _____
 Produced Gas: _____
 Produced Water: _____
 Flare/Vent: _____

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

REFERENCE DRAWINGS		REVISIONS				ENGINEERING RECORD	
NO.	DATE	DESCRIPTION	BY	CHK.	APP.	BY	DATE
A	02/25/19	ISSUED FOR REVIEW	JS	CB		DRN: JS	02/25/19
B	02/26/19	ISSUED PER PRELIM	JS	CB		DES:	
C	03/11/19	RE-ISSUED PER PRELIM	JS	CB		CHK:	
D	05/17/19	REVISED PER AS-BUILT	JS	CB		APP:	

CONCHO

NORTHERN DELAWARE BASIN ASSET
 PRODUCTION FACILITIES
 SITE FACILITY DIAGRAM
 LITTLE BEAR FEDERAL 330 CTB

LEA COUNTY NEW MEXICO

TWNESH/RANGE DWG NO. REV
 MULTIPLE D-1700-81-005B (PAGE 2 OF 2) D



30-025-45149 LITTLE BEAR FEDERAL COM #002H [322258]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: New
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Federal
Surface Location: P-33-20S-34E 406 FSL 565 FEL
Lat/Long: 32.523443,-103.558473 NAD83
GL Elevation: 3815
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

[5535] BERRY; BONE SPRING, NORTH

Status: New, Not Drilled
Bottomhole Location: I-28-20S-34E 2440 FSL 745 FEL
Lat/Long:
Acreage: 240 33-20S-34E Units: A H I P
 28-20S-34E Units: I P
DHC: No
Last Produced:
Consolidation Code:
Production Method:

Earliest Production in OCD Records: 6/2019 Last 6/2019 [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
<input type="checkbox"/> 2019 BERRY;BONE SPRING, NORTH									
Jun	6917	9567	28074	13	0	0	0	0	0

30-025-45099 LITTLE BEAR FEDERAL COM #003H [322258]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: New
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Federal
Surface Location: O-33-20S-34E 696 FSL 2167 FEL
Lat/Long: 32.524238,-103.563672 NAD83
GL Elevation: 3805
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

[5535] BERRY; BONE SPRING, NORTH

Status: New, Not Drilled
Bottomhole Location: J-28-20S-34E 2440 FSL 2310 FEL
Lat/Long:
Acreage: 240 33-20S-34E Units: B G J O
 28-20S-34E Units: J O
DHC:
Last Produced:
Consolidation Code:
Production Method:

Earliest Production in OCD Records: 6/2019 Last 6/2019 [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
<div style="display: flex; justify-content: space-between; align-items: center;"> ☰ 2019 BERRY;BONE SPRING, NORTH </div>									
Jun	4697	5781	31220	13	0	0	0	0	0

30-025-45103 LITTLE BEAR FEDERAL COM #007H [322258]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: New
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Federal
Surface Location: O-33-20S-34E 696 FSL 2137 FEL
Lat/Long: 32.524238,-103.563575 NAD83
GL Elevation: 3806
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

[98247] WC-025 G-08 S203435D; WOLFCAMP

Status: New, Not Drilled
Bottomhole Location: J-28-20S-34E 2440 FSL 1650 FEL
Lat/Long:
Acreage: 240 33-20S-34E Units: B G J O
 28-20S-34E Units: J O
DHC:
Last Produced:
Consolidation Code:
Production Method:

Earliest Production in OCD Records: 6/2019 **Last** 6/2019

[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
<div style="display: flex; justify-content: space-between; align-items: center;"> ☰ 2019 WC-025 G-08 S203435D;WOLFCAMP </div>									
Jun	5382	6999	24946	13	0	0	0	0	0

30-025-45104 LITTLE BEAR FEDERAL COM #008H [322258]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: New
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Federal
Surface Location: O-33-20S-34E 696 FSL 2197 FEL
Lat/Long: 32.524238,-103.56377 NAD83
GL Elevation: 3805
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

[98247] WC-025 G-08 S203435D; WOLFCAMP

Status: New, Not Drilled
Bottomhole Location: K-28-20S-34E 2440 FSL 2310 FWL
Lat/Long:
Acreage: 240 33-20S-34E Units: C F K N
 28-20S-34E Units: K N
DHC:
Last Produced:
Consolidation Code:
Production Method:

Earliest Production in OCD Records: 6/2019 Last 6/2019 [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
<div style="display: flex; justify-content: space-between; align-items: center;"> ☰ 2019 WC-025 G-08 S203435D;WOLFCAMP </div>									
Jun	2617	3549	25555	13	0	0	0	0	0

Little Bear Federal 330 CTB
Little Bear Federal Com #2H 30-025-45149
Little Bear Federal Com #3H 30-025-45099
Little Bear Federal Com #7H 30-025-45103
Little Bear Federal Com #8H 30-025-45104
Application for Pool/Lease Commingle & Off Lease Measurement
Notification List

Date Sent	Initials	Sent Certified Return Receipt to:	Receipt No.	Rec'd
8/21/2019	bjg	Arkoma Drilling II LP, 5950 Berkshire Ln., Ste 1400, Dallas, TX 75225	9414-8149-0246-9822-0231-87	
	bjg	**Heirs or Devisees of F.L. Nohl et ux Margaret H. Nohl **No Adress**		
8/21/2019	bjg	Blue Door Inc., 555 17th St., Ste 1400, Denver, CO 80202	9414-8149-0246-9822-0231-94	
8/21/2019	bjg	EOG Resources Inc., 5509 Champions Dr., Midland, TX 79706	9414-8149-0246-9822-0232-00	
8/21/2019	bjg	Steven Engwall, 2707 Duval, Dallas, TX 75211	9414-8149-0246-9822-0232-17	
8/21/2019	bjg	Larry Engwall, 1961 La Cuesta Dr., Santa Ana, CA 92705	9414-8149-0246-9822-0232-24	
8/21/2019	bjg	Good News Mineral, LLC, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0232-55	
8/21/2019	bjg	CEP Minerals LLC, P O Box 50820, Midland, TX 79710	9414-8149-0246-9822-0233-09	
8/21/2019	bjg	Post Oak Crown IV, LLC, 5200 San Felipe, Houston, TX 77056	9414-8149-0246-9822-0234-22	
8/21/2019	bjg	Post Oak Crown IV-B, LLC, 5200 San Felipe, Houston, TX 77056	9414-8149-0246-9822-0234-39	
8/21/2019	bjg	Wells Fargo Central Pacific Holdings Inc., 1000 Louisiana St. 9th Floor, Houston, TX 77002	9414-8149-0246-9822-0234-46	
8/21/2019	bjg	Crown Oil Partners, LP, DBA Mavros Oil Company LLC, P O Box 50820, Midland, TX 79710	9414-8149-0246-9822-0234-53	
8/21/2019	bjg	Collins & Jones Investments LLC, 508 W Wall St., Ste 1200, Midland, TX 79701	9414-8149-0246-9822-0234-77	
8/21/2019	bjg	MCT Energy Ltd., 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0234-84	
8/21/2019	bjg	Gerard G. Vavrek, 1521 2nd Ave., Apt 1604, Seattle, WA 98101	9414-8149-0246-9822-0234-91	
8/21/2019	bjg	Jesse A Faught, Jr., P O Box 52603, Midland, TX 79710	9414-8149-0246-9822-0235-07	
8/21/2019	bjg	H. Jason Wacker, 5601 Hillcrest, Midland, TX 79707	9414-8149-0246-9822-0235-14	
8/21/2019	bjg	David Cromwell, 2008 Country Club Dr., Midland, TX 79701	9414-8149-0246-9822-0235-21	
8/21/2019	bjg	LMC Energy LLC, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0235-38	
8/21/2019	bjg	Kaleb D. Smith, 2501 Lubbock Ave., Fort Worth, TX 76109	9414-8149-0246-9822-0235-45	
8/21/2019	bjg	Deane Durham, 3603 Trinity Meadows Pl., Midland, TX 79707	9414-8149-0246-9822-0235-83	
8/21/2019	bjg	Mike Moylett, P O Box 50820, Midland, TX 79710	9414-8149-0246-9822-0236-13	
8/21/2019	bjg	Oak Valley Mineral & Land LP, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0236-20	
8/21/2019	bjg	Mavros Mineral II, LLC, 550 W. Texas Ave., Ste 945, Midland, TX 79701	9414-8149-0246-9822-0236-37	
8/21/2019	bjg	Marathon Oil Company DBA Marathon Oil Permian LLC, 5555 San Felipe St., Houston, TX 77056	9414-8149-0246-9822-0236-51	

Mailed by
Bobbie J Goodloe

Example of Letter Sent

August 21, 2019

**Certified Mail – Return Receipt Requested
#**

Blue Door Inc.,
555 17th St., Ste 1400
Denver, CO 80202

Re: Pool/Lease Commingling and Off-Lease Measurement

COG Operating LLC, respectfully requests approval for off-lease measurement and lease/pool commingling for the following wells:

Little Bear Federal Com #2H
API# 30-025-45149
Berry; Bone Spring, N
SHL: 406' FSL 565' FEL, Ut. P, Sec. 33-T20S-R34E
BHL: 2416' FSL 725' FWL, Ut. I, Sec. 28-T20S-34E
Lea County, NM

Little Bear Federal Com #3H
API# 30-025-45099
Berry; Bone Spring, N
SHL: 696' FSL 2167' FEL, Ut. O, Sec. 33-T20S-R34E
BHL: 2440' FSL 2316' FEL, Ut. J, Sec. 28-T20S-R34E
Lea County, NM

Little Bear Federal Com #7H
API# 30-025-45103
WC-025 G-08 S203435D; Wolfcamp
SHL: 696' FSL 2137' FEL, Ut. O, Sec. 33-T20S-R34E
BHL: 2440' FSL 998' FWL, Ut. L, Sec. 28-T20S-34E
Lea County, NM

Little Bear Federal Com #8H
API# 30-025-45104
WC-025 G-08 S203435D; Wolfcamp
SHL: 696' FSL 2197' FEL, Ut. O, Sec. 33-T20S-R34E
BHL: 2439' FSL 2302' FWL, Ut. K, Sec. 28-T20S-34E
Lea County, NM

Gentlemen:

Attached is a copy of COG Operating LLC's application for pool/lease commingling and off-lease measurement of production from the Little Bear Federal Com #2H, Little Bear Federal Com #3H, Little Bear Federal Com #7H and Little Bear Federal Com #8H wells. These wells are located in Sections 33, 28-T20S-R34E, Lea County, NM.

You are receiving this information per NMOCD's requirement to notify all parties owning an interest in the minerals affected by this application. Any objections to these proposals should be registered with the NMOCD within 20 days of the date of this letter.

If you have any questions regarding this application, please contact me at 575-748-6952 or by email at bgoodloe@concho.com.

Sincerely,

Bobbie J 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 for a Central Tank Battery and commingling of oil and gas with the New Mexico Oil Conservation Division for the Little Bear Federal Com #2H, Little Bear Federal Com #3H, Little Bear Federal Com #7H and Little Bear Federal Com #8H wells. All wells are located in Section 33, Township 20 South, Range 34 East, Lea County, New Mexico. COG is seeking approval to commingle the oil and gas production of these four wells at the Little Bear Federal 33O CTB, located in UL O, Section 33-T20S-R34E, Lea County, and in the event the CTB is over capacity or in the case of battery or pipeline repairs, approval for off-lease measurement of the oil at the Red Hills Off-load Station in Unit O, Section 4-T26S-R32E or Jal Off-load Station in Unit D, Section 4-T26S-R37E, Lea County, NM. 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 Danny Kidwell (432) 685-2535 dkidwell@concho.com at COG Operating LLC, 600 West Illinois, Midland, Texas 79701.

Published in the Hobbs News Sun, Hobbs, New Mexico _____, 2019.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM082

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Multiple--See Attached
2. Name of Operator COG OPERATING LLC		9. API Well No. Multiple--See Attached
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287		10. Field and Pool or Exploratory Area WILDCAT BONE SPRING WILDCAT;WOLFCAMP
3b. Phone No. (include area code) Ph: 575-748-6952		11. County or Parish, State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		

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

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

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

COG OPERATING LLC RESPECTFULLY REQUESTS DESIGNATION OF GAS FACILITY MEASUREMENT POINTS FOR OUR LITTLE BEAR FEDERAL 330 CTB

TARGA GAS SALES METER #1181335 MEETS API AND AGA STANDARDS AND WILL MEASURE AND BE CALIBRATED ACCORDING TO ALL FEDERAL REQUIREMENTS AND REGULATIONS.

LITTLE BEAR FEDERAL COM #2H 30-025-45149
LITTLE BEAR FEDERAL COM #3H 30-025-45099
LITTLE BEAR FEDERAL COM #7H 30-025-45103
LITTLE BEAR FEDERAL COM #8H 30-025-45104

SEE ATTACHED SITE FACILITY DIAGRAM

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #478213 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 08/15/2019 (19PP2869SE)	
Name (Printed/Typed) BOBBIE GOODLOE	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/14/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	DEBORAH MCKINNEY Title LEGAL INSTRUMENTS EXAMINER	Date 08/19/2019
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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5. Lease Serial No.
NMNM082

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. Multiple--See Attached
2. Name of Operator COG OPERATING LLC		9. API Well No. Multiple--See Attached
3a. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287		10. Field and Pool or Exploratory Area WILDCAT BONE SPRING WILDCAT;WOLFCAMP
3b. Phone No. (include area code) Ph: 575-748-6952		11. County or Parish, State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached		

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

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

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

COG OPERATING LLC RESPECTFULLY REQUESTS DESIGNATION OF OIL FACILITY MEASUREMENT POINTS FOR OUR LITTLE BEAR FEDERAL 330 CTB.

OIL FACILITY MEASUREMENT POINTS WILL BE TANK #147460653-1 AT THE BATTERY.

LITTLE BEAR FEDERAL COM #2H 30-025-45149
LITTLE BEAR FEDERAL COM #3H 30-025-45099
LITTLE BEAR FEDERAL COM #7H 30-025-45103
LITTLE BEAR FEDERAL COM #8H 30-025-45104

SEE ATTACHED SITE FACILITY DIAGRAM

14. I hereby certify that the foregoing is true and correct. Electronic Submission #478215 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 08/15/2019 (19PP2870SE)	
Name (Printed/Typed) BOBBIE GOODLOE	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/14/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	DEBORAH MCKINNEY Title LEGAL INSTRUMENTS EXAMINER	Date 08/19/2019
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

McMillan, Michael, EMNRD

From: McMillan, Michael, EMNRD
Sent: Wednesday, August 21, 2019 4:03 PM
To: 'Bobbie Goodloe'
Subject: LITTLE BEAR FEDERAL COM #002H Surface commingle application

Bobbie:
I need the affidavit of publication for the unlocatable interest.

Your application will be suspended until I receive it

Mike

Michael McMillan
1220 South St. Francis
Santa Fe, New Mexico
505-476-3448
Michael.mcmillan@state.nm.us