

RECEIVED: <u>1/24/2019</u>	REVIEWER: <u>MAm</u>	TYPE: <u>PLC</u>	APP NO: <u>DMAM19028 30283</u>
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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>Tigercat Federal Com #1H</u>	API: <u>30-025-44302</u>
Pool: <u>Bradley; Bone Spring</u>	Pool Code: <u>7280</u>

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

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location - Spacing Unit - Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
 [I] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
 [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

FOR OCD ONLY	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

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

Bobbie J Goodloe
 Print or Type Name

1/24/19
 Date

575-748-6952
 Phone Number

Bobbie J Goodloe
 Signature

bgoodloe@concho.com
 e-mail Address



January 24, 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:

Tigercat Federal Com 1H
API# 30-025-44302
Bradley; Bone Spring
SHL: 355' FNL 1620' FEL, Ut. B, Sec. 8-T26S-R33E
BHL: 279' FSL 968' FEL, Ut. P, Sec. 17-T26S-33E
Lea County, NM

Tigercat Federal Com 2H
API# 30-025-44303
Bradley; Bone Spring
SHL: 355' FNL 1650' FEL, Ut. B, Sec. 8-T26S-R33E
BHL: 419' FSL 1659' FEL, Ut. O, Sec. 17-T26S-R33E
Lea County, NM

Tigercat Federal Com 3H
API# 30-025-44534
Sanders Tank; Upper Wolfcamp
SHL: 360' FNL 1650' FWL, Ut. C, Sec. 8-T26S-R33E
BHL: 209' FSL 1661' FWL, Ut. N, Sec. 8-T26S-33E
Lea County, NM

Tigercat Federal Com 4H
API# 30-025-44535
Bradley; Bone Spring
SHL: 360' FNL 1620' FEL, Ut. C, Sec. 8-T26S-R33E
BHL: 215' FSL 967' FWL, Ut. M, Sec. 8-T26S-R33E
Lea County, NM

Oil Production:

The oil production from all wells will be measured separately on-lease by allocation meter prior to being commingled at the heater treaters at the Central Tank Battery located off-lease in Ut. A, Sec. /-T26s-R33E. 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:

Gas produced from all wells will be measured on-lease by allocation meter prior to being commingled and entering a flow line to the gas custody transfer meter. The custody transfer meter is located off-lease in Ut. A, Sec. 8-T26S-R33E which is at the Central Tank Battery location.

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

Page 2

January 24, 2019

NM Oil Conservation Division

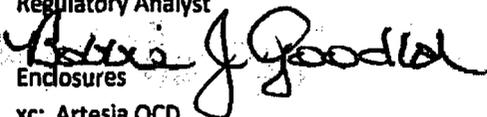
All owners of interest have been notified by certified mail that should they have an objection to this off-lease measurement and surface commingling, they must file a formal protest with the NMOCD within 20 days of the date of this application. Due to the fee leases under these wells, a Public Notice 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
Bradley; Bone Spring (7280)	47.6 / 1232.2				
Sanders Tank; Wolfcamp (98097)	50.0 / 1327.6				

(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: *Bobbie J Goodloe* TITLE: Regulatory Analyst DATE: 1/24/19
TYPE OR PRINT NAME: Bobbie J Goodloe TELEPHONE NO.: 575-748-6952
E-MAIL ADDRESS: bgoodloe@concho.com

DISTRICT I
 1426 N. FRANKS DR., MCKENZIE, NM 86240
 Phone: (505) 883-6191 Fax: (505) 883-6789

DISTRICT II
 611 S. PERRY ST., ARTESIA, NM 86210
 Phone: (505) 748-1215 Fax: (505) 748-9799

DISTRICT III
 1000 RIO BRAZOS RD., AXTEC, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6179

DISTRICT IV
 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
 Phone: (505) 476-2400 Fax: (505) 476-2442

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 30-025-44302	Pool Code 7280	Pool Name Bradley; Bone Spring
Property Code 320525	Property Name TIGERCAT FEDERAL COM	
OCRD No. 229137	Operator Name COG OPERATING, LLC	
		Well Number 1H
		Elevation 3322.4'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	8	26-S	33-E		355	NORTH	1620	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
P	17	26-S	33-E		279	SOUTH	968	EAST	LEA

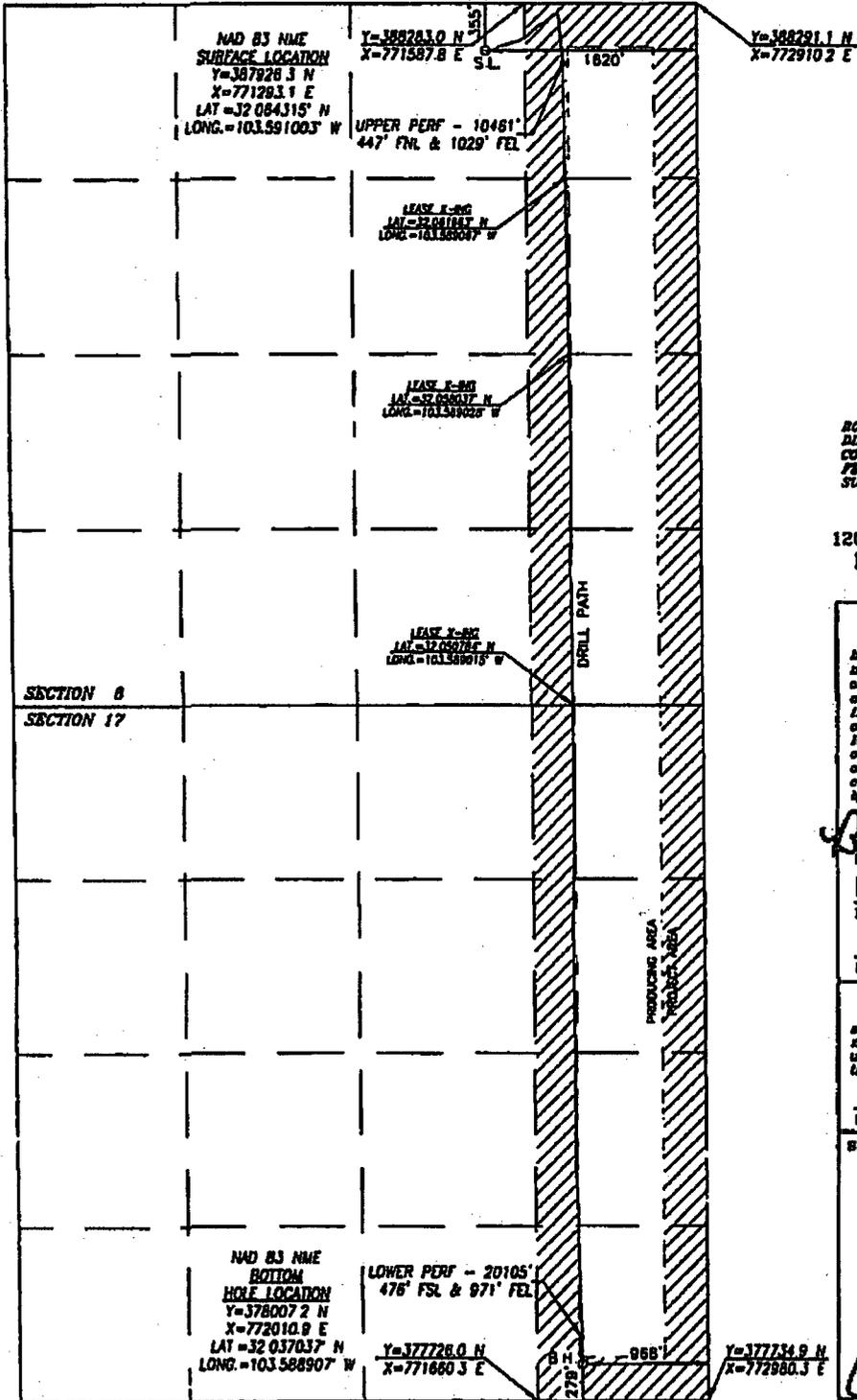
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

SEE PAGE 2

PAGE 1 OF 2
 W.O. # 18-1365 DRAWN BY SP

Property Code	Property Name TIGERCAT FEDERAL COM	Well Number 1H
CURID No.	Operator Name COG OPERATING, LLC	Elevation 3322.4'



BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE TIGERCAT FEDERAL COM #1H SUPPLIED TO HARGROW SURVEYING, LLC ON OCTOBER 25, 2018.

1200 0 1200
SCALE 1"=1200'

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

Bobbie Goodloe 01/14/19
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.

AUG 4, 2017, OCT 25, 2018
Date of Survey/Date of Geographic Survey
Signature & Seal of Professional Surveyor



Chad Hargrow 11/5/18
Certificate No. CHAD HARGROW 17777

DISTRICT I
1635 N. FRANKLIN DR., HOBBS, NM 88249
Phone (505) 535-5161 Fax (505) 535-5725

DISTRICT II
511 S. FIRST ST., ARTESIA, NM 88210
Phone (505) 748-1263 Fax (505) 748-9725

DISTRICT III
1060 RIO BRAZOS RD., AZTEC, NM 87410
Phone (505) 834-9178 Fax (505) 834-9179

DISTRICT IV
1223 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone (505) 478-5450 Fax (505) 478-5452

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 30-025-44303	Pool Code 7280	Pool Name Bradley; Bone Spring
Property Code 320525	Property Name TIGERCAT FEDERAL COM	Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3322.3'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	8	26-S	33-E		355	NORTH	1650	EAST	LEA

Bottom Hole Location If Different From Surface

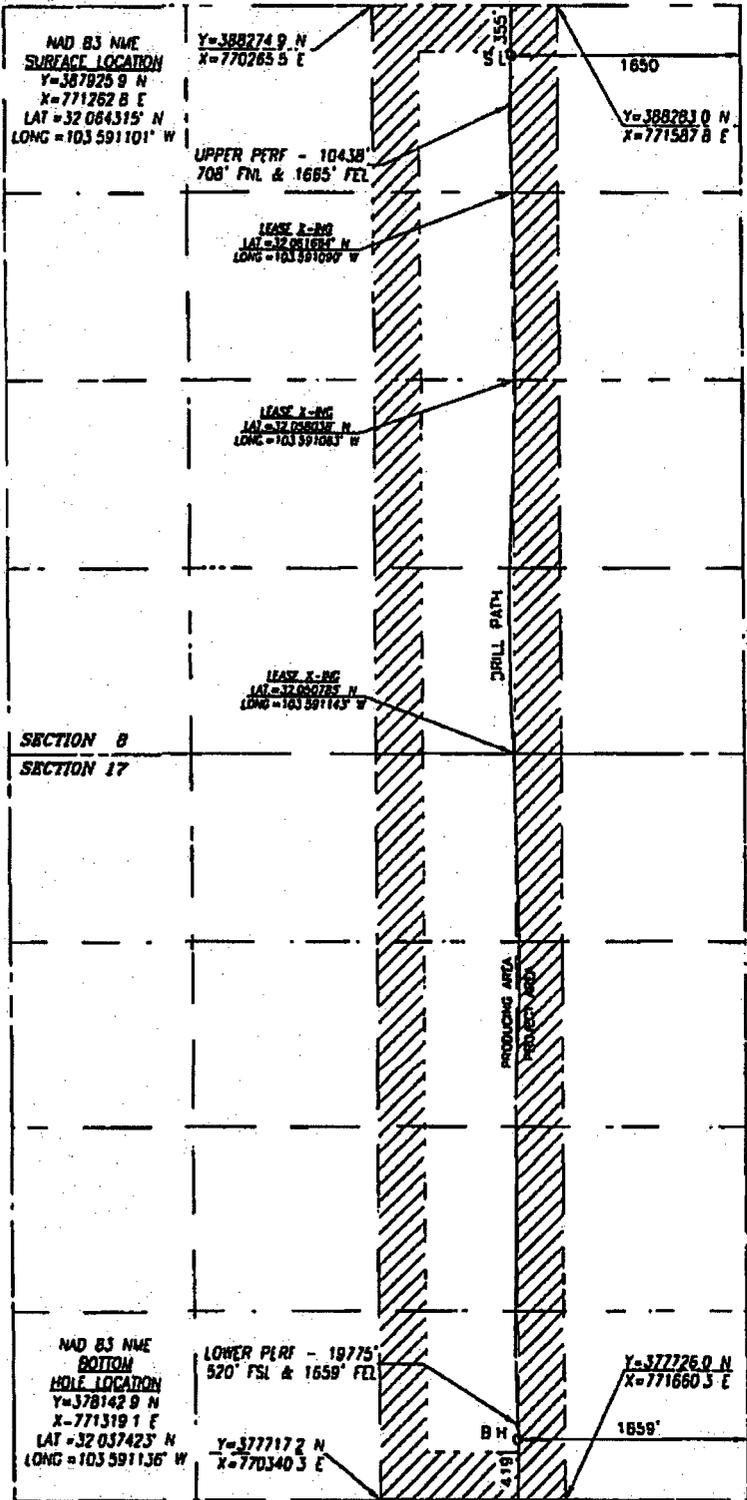
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	17	26-S	33-E		419	SOUTH	1659	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

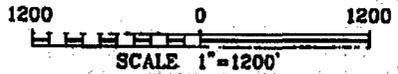
**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

SEE PAGE 2

Property Code	Property Name TIGERCAT FEDERAL COM	Well Number 2H
OGRID No	Operator Name COG OPERATING, LLC	Elevation 3322.3'



WELL PATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE TIGERCAT FEDERAL COM AND SUPPLIED TO HARGROW SURVEYING, LLC ON OCTOBER 25, 2018.



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 01/14/19
 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.

AUG 4, 2017, OCT 25, 2018
 Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Hargrow 11/5/18
 Certificate No. CHAD HARGROW 17777

DISTRICT I
1625 N. FRENCH DR., DUBUQUE, NM 88240
Phone (505) 853-8181 Fax (505) 853-8720

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

DISTRICT III
1000 RIO BRAZOS RD., ARTEC, NM 87410
Phone (505) 834-8179 Fax (505) 834-8170

DISTRICT IV
1230 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone (505) 476-3489 Fax (505) 476-3488

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-44534	Pool Code 98097	Pool Name Sanders Tank; Upper Wolfcamp
Property Code 320525	Property Name TIGERCAT FEDERAL COM	Well Number 3H
OCRD No. 229137	Operator Name COG OPERATING, LLC	Elevation 3324 5'

Surface Location

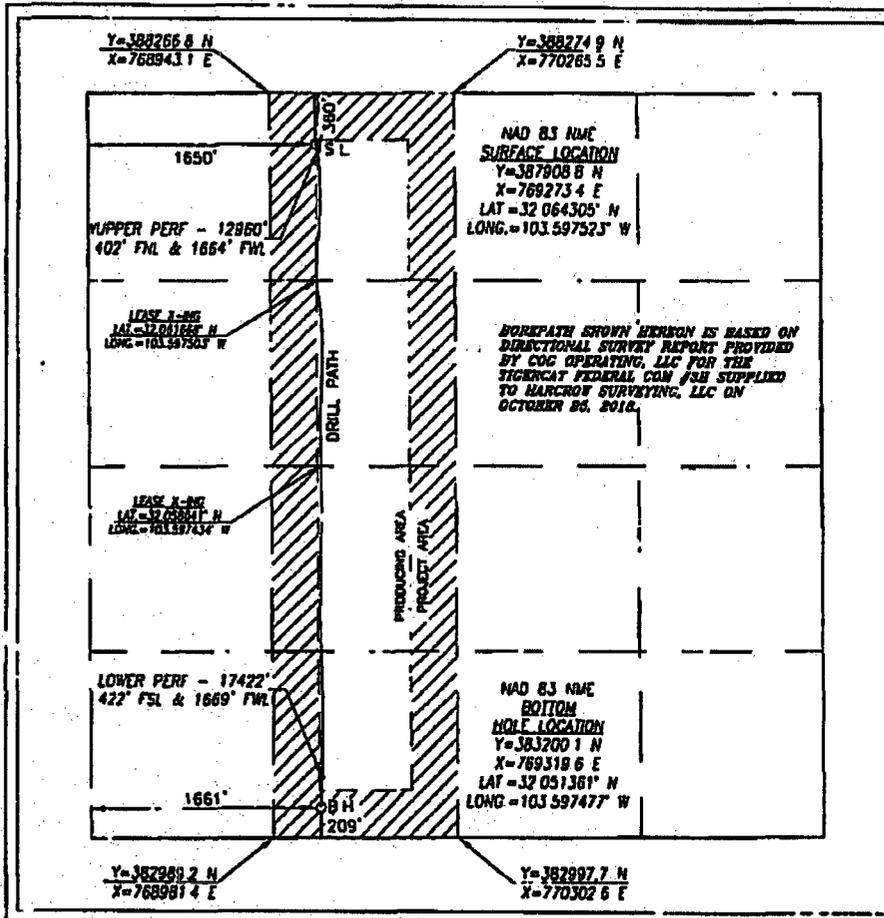
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
C	8	26-S	33-E		360	NORTH	1650	WEST	LEA

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	8	26-S	33-E		209	SOUTH	1661	WEST	LEA

Dedicated Acres 160	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



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 1/14/19
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.

AUG 4, 2017, OCT 25, 2018
Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

Chad Hargrow 11/5/18
Certificate No. CHAD HARGROW 1777
W O 18-1367 DRAWN BY SP

DISTRICT I
1825 N. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-5181 Fax: (505) 476-5182

DISTRICT II
911 N. FIRST ST., ARTESIA, NM 88210
Phone: (505) 762-1523 Fax: (505) 762-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-8170 Fax: (505) 334-8170

DISTRICT IV
1825 N. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-5480 Fax: (505) 476-5482

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 30-025-44535	Pool Code 7280	Pool Name Bradley; Bone Spring
Property Code 320525	Property Name TIGERCAT FEDERAL COM	Well Number 4H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3323.9'

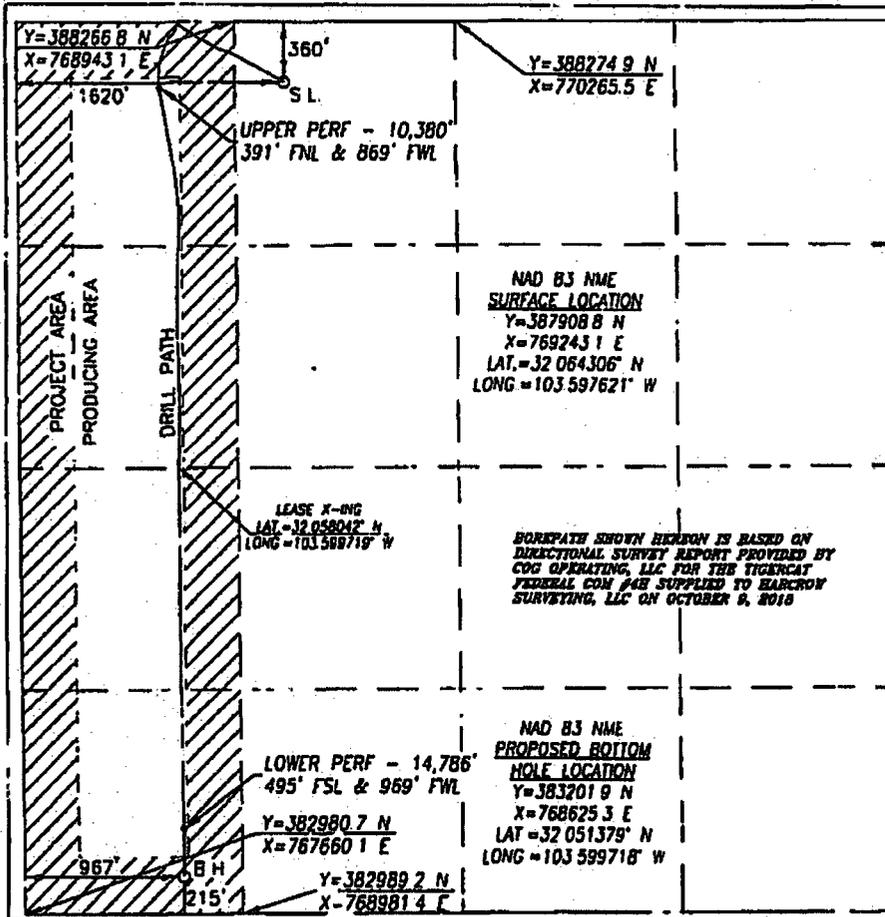
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	8	26-S	33-E		360	NORTH	1620	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	8	26-S	33-E		215	SOUTH	967	WEST	LEA
Dedicated Acres 160	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



OPERATOR CERTIFICATION
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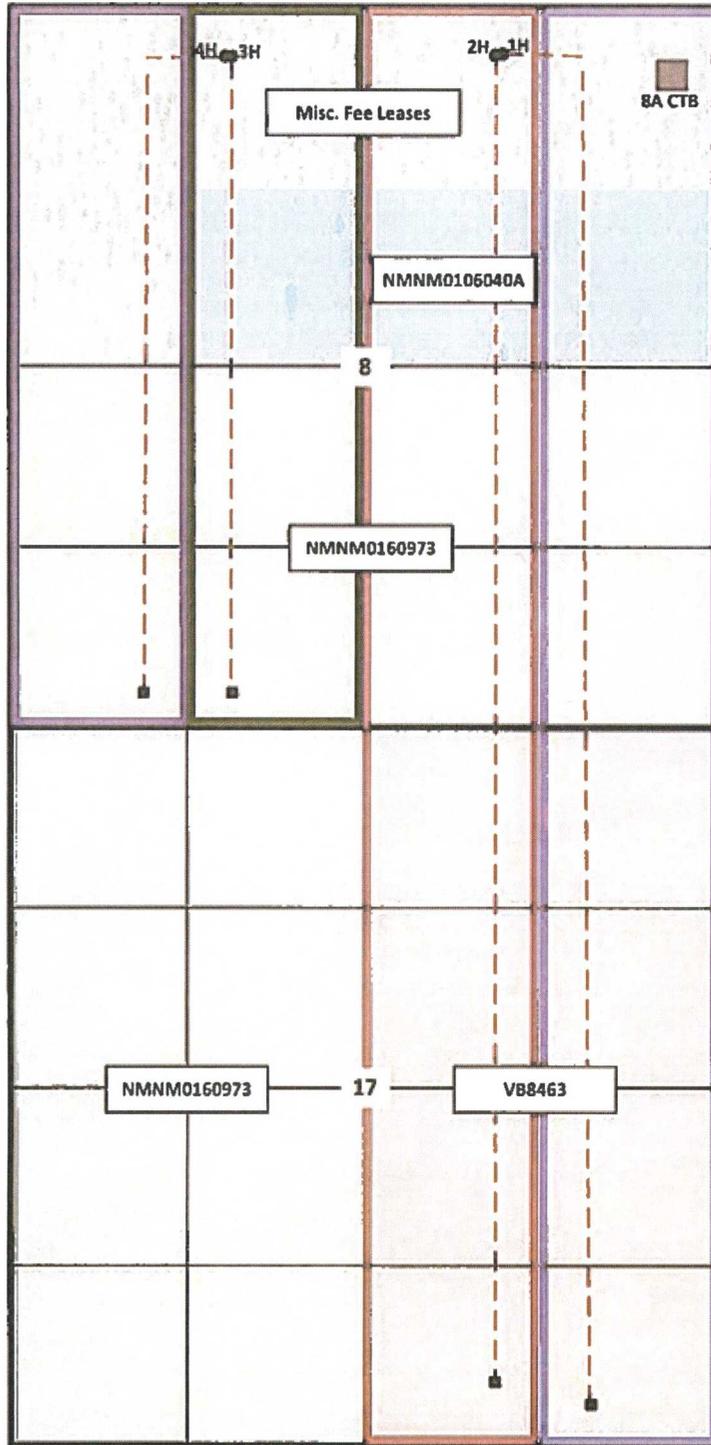
Bobbie Goodloe 1/14/19
Signature Date
Bobbie Goodloe
Printed Name
bgoodloe@concho.com
E-mail Address

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.

AUG 4, 2017/MAY 16, 2018
Date of Survey/Date of Geographic Survey
Signature & Seal of Professional Surveyor

CHAD L HARGCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR
Chad L Hargcrow 11/7/18
Certificate No. CHAD HARGCROW 17777
WO 18-1505 DRAWN BY AM

Tigercat Federal Com Wells



- SHL
- BHL

- CA-NMNM138999 Bone Spring
- CA-NMNM138998 Bone Spring
- CA-NMNM139000 Wolfcamp
- CA-NMNM139001 Bone Spring

T26S – R33E
Lea County, NM

Tigercat Federal Com

Sec 8-T26S-R33E
Lea County, NM

Legend

-  Tigercat Fed Com
-  Tigercat Fed Com 8ACTB

Tigercat Fed Com #4H - SHL 
Tigercat Fed Com #3H - SHL

Tigercat Fed Com #2H - SHL 

Tigercat Fed Com #1H - SHL

 Tigercat Fed Com 8A CTB

8

Google Earth

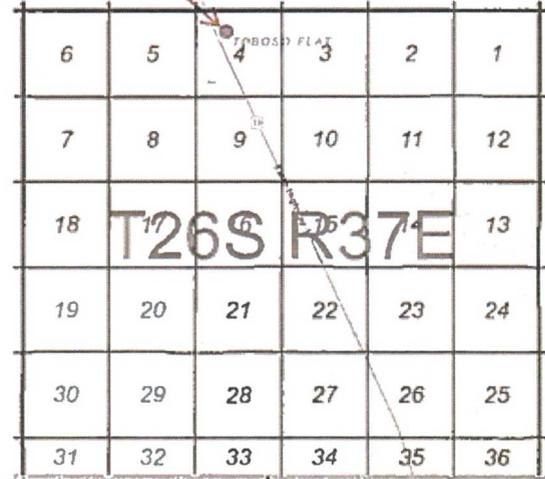
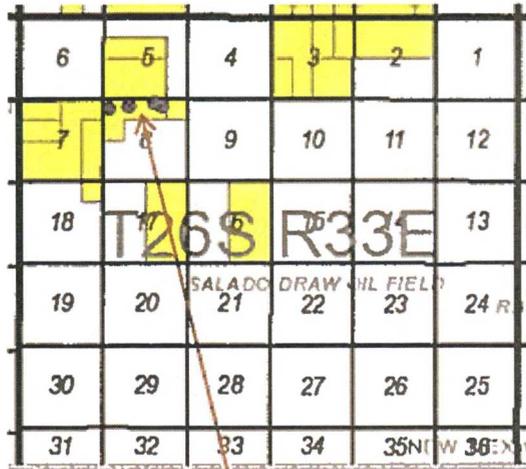
2000 ft



Tigercat Federal Com Lease & Red Hills and Jal Offload Station Map

Red Hills Offload Station
Lea County, NM

Jal Offload Station
Lea County, NM



Tigercat Fed Com #1H, 2H, 3H, 4H
Eddy County, NM

TIGERCAT FED COM 8A CTB
 SECTION 08, T265, R33E, UNIT A
 COORDS: 32.063199, -103.587178
 LEA COUNTY, NM

WELLS:
 TIGERCAT FEDERAL COM #001H: 30-025-44302
 TIGERCAT FEDERAL COM #002H: 30-025-44303
 TIGERCAT FEDERAL COM #003H: 30-025-44534
 TIGERCAT FEDERAL COM #004H: 30-025-44535

GAS FMP METER
 Gas Sales Line
 Meter (GS) #57559

GAS METERS

#1H Gas Ltr Meter: (Currently on ESP)
 #2H Gas Ltr Meter: (Currently on ESP)
 #3H Gas Ltr Meter: (L3): #39022503
 #4H Gas Ltr Meter: (Currently on ESP)

VRU Gas Meter: (GV): #39022438
 Flare Gas Meter: (GF): #V-24787-01.1
 Booster Comp. Gas Meter: (BG): #39022435
 Buy Back Gas Meter: (BB): #12559

ALLOCATION MTRS

#1H Meters: OIL (O1): #N7031018000
 GAS (G1): #39022437
 #2H Meters: OIL (O2): #N7031918000
 GAS (G2): #39022438

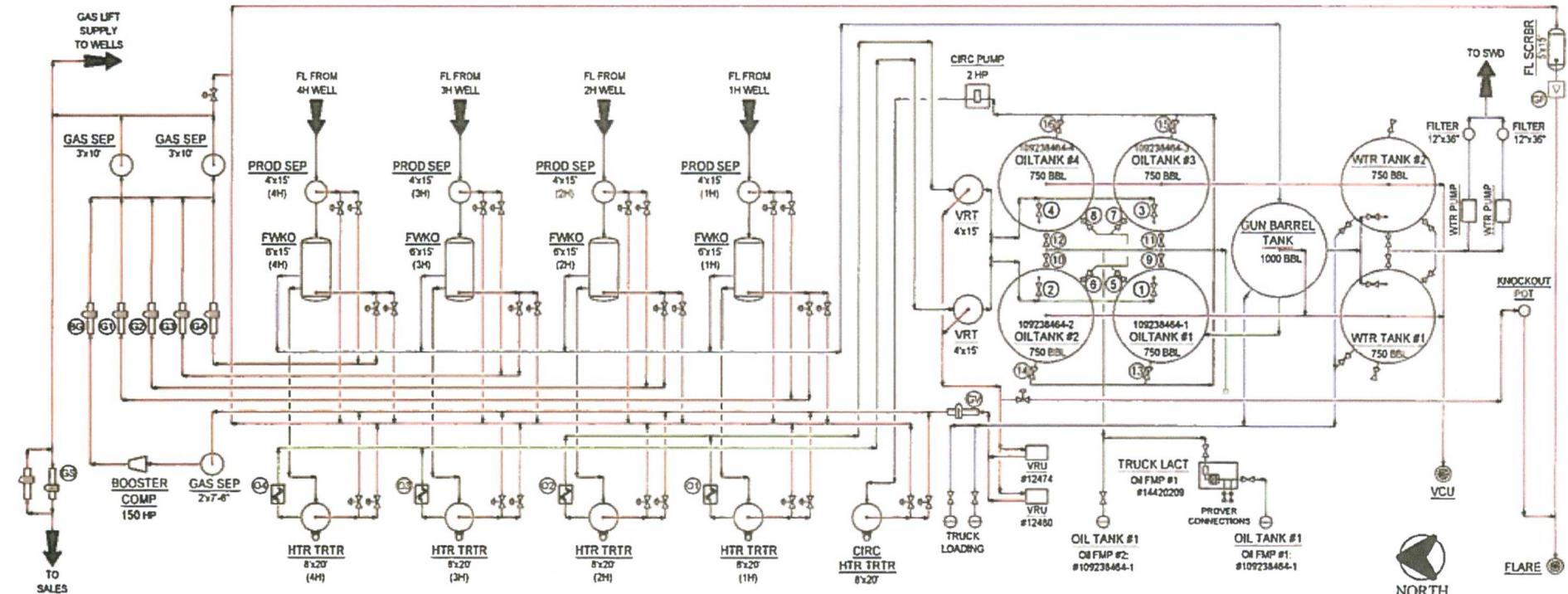
#3H Meters: OIL (O3): #N7031815000
 GAS (G3): #39022439
 #4H Meters: OIL (O4): #N7031918000
 GAS (G4): #39022440

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



NOTES
 Type of Lease: Federal & Fee
 Federal Lease #: NMNM16040A
 & NMNM1060973
 Property Code: 320525
 OGRID #: 229137

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

CONFIDENTIALITY NOTICE
 THIS DRAWING IS PROPERTY OF CONCHO OPERATING LLC AND IS LOANED TO THE ENGINEER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY PROVIDED.

REFERENCE DRAWINGS		REVISIONS		ENGINEERING RECORD	
NO.	TITLE	NO.	DATE	DESCRIPTION	BY
A	08/05/18	01	08/05/18	ISSUED FOR REVIEW	JS
B	09/18/18	02	09/18/18	REVISED PER AS-BUILT	JS
C	09/28/18	03	09/28/18	RE-ISSUED FOR REVIEW	JS

NO.	DATE	DESCRIPTION	BY	CHK.	APP.	DATE
01	08/05/18	ISSUED FOR REVIEW	JS	CB	DRB	08/30/18
02	09/18/18	REVISED PER AS-BUILT	JS	DP	DRB	
03	09/28/18	RE-ISSUED FOR REVIEW	JS	CB	DRB	

CONCHO
 NORTHERN DELAWARE BASH ASSET
 PRODUCTION FACILITIES
 SITE FACILITY DIAGRAM
 TIGERCAT FED COM 8A CTB

LEA COUNTY NEW MEXICO
 TOWN/RANGE MULTIPLE BND NO. D-1700-61-005
 REV C

30-025-44302 TIGERCAT FEDERAL COM #001H [320525]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: Active
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Private
Surface Location: B-08-26S-33E 355 FNL 1620 FEL
Lat/Long: 32 064315 -103 591003 NAD83
GL Elevation: 3322
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

Well Completions

[7280] BRADLEY; BONE SPRING

Status: Active
Bottomhole Location: P-17-26S-33E 279 FSL 968 FEL
Lat/Long:
Acreage: 320 08-26S-33E Units A H I P
 17-26S-33E Units A H I P
DHC: No
Last Produced: 11/01/2018
Consolidation Code:
Production Method: Flowing

Earliest Production in OCD Records 9/2018 Last 11/2018 [Show All Production](#) [Export to Excel](#)

Time frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/1	Water(BBLS)	CO2(MCF)	Gas(MCF)	Other	Pressure

2018

BRADLEY; BONE SPRING									
Sep	3078	4367	28273	12	0	0	0	0	0
Oct	27942	45270	70578	31	0	0	0	0	0
Nov	34276	60146	51402	30	0	0	0	0	0

30-025-44303 TIGERCAT FEDERAL COM #002H [320525]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: Active
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Private
Surface Location: B-08-26S-33E 355 FNL 1650 FEL
Lat/Long: 32 064315 103 591101 NAD83
GL Elevation: 3322
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Walver: False

[7200] BRADLEY; BONE SPRING

Status: Active
Bottomhole Location: O-17-28S-33E 419 FSL 1659 FEL
Lat/Long:
Acreeage: 320 08-26S-33E Units B G J O
 17-28S-33E Units B G J O
DHC: No
Last Produced: 11/01/2018
Consolidation Code:
Production Method: Flowing

Earliest Production in OCD Records: 9/2018 **Last** 11/2018 [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

2018

BRADLEY; BONE SPRING

Sep	1333	2289	18331	8	0	0	0	0	0
Oct	26685	44283	79205	31	0	0	0	0	0
Nov	34659	59447	51307	30	0	0	0	0	0

30-025-44302 TIGERCAT FEDERAL COM #001H [320525]

General Well Information

Operator: [229137] COG OPERATING LLC
 Status: Active Direction: Horizontal
 Well Type: Oil Multi-Lateral: No
 Work Type: New Mineral Owner: Federal
 Surface Owner: Private
 Surface Location: B-08-26S-33E 355 FNL 1620 FEL
 Lat/Long: 32 084315 -103 591003 NAD83
 GL Elevation: 3322
 KB Elevation: Sing/Mult Compl: Single
 DF Elevation: Potash Waiver: False

Well Completions

[7280] BRADLEY; BONE SPRING

Status: Active Last Produced: 11/01/2018
 Bottomhole Location: P-17-26S-33E 279 FSL 968 FEL
 Lat/Long:
 Acreage: 320 08-26S-33E Units A H I P
 17-26S-33E Units A H I P
 DHC: No Consolidation Code:
 Production Method: Flowing

Earliest Production in OCD Records: 9/2018 Last 11/2018 [Show All Production](#) [Export to Excel](#)

Time Frame	Production				Injection				
	Oil (BBL S)	Gas (MCF)	Water (BBL S)	Days	Water (BBL S)	Gas (MCF)	Steam	Other	Pressure

9/2018

BRADLEY; BONE SPRING									
Sep	3078	4367	28273	12	0	0	0	0	0
Oct	27942	45270	70578	31	0	0	0	0	0
Nov	34276	60146	51402	30	0	0	0	0	0

30-025-44303 TIGERCAT FEDERAL COM #002H [320525]

General Well Information

Operator: [229137] COG OPERATING LLC
 Status: Active
 Well Type: Oil
 Work Type: New
 Direction: Horizontal
 Multi-Lateral: No
 Mineral Owner: Federal
 Surface Owner: Private
 Surface Location: B-08-26S-33E 355 FNL 1650 FEL
 Lat/Long: 32 064315 -103 591101 NAD83
 GL Elevation: 3322
 KB Elevation:
 DF Elevation:
 Sing/Mult Compl: Single
 Potash Waiver: False

[7260] BRADLEY; BONE SPRING

Status: Active
 Bottomhole Location: O-17-26S-33E 419 FSL 1659 FEL
 Lat/Long:
 Acreage: 320 08-26S-33E Units B G J O
 17-26S-33E Units B G J O
 DHC: No
 Last Produced: 11/01/2018
 Consolidation Code:
 Production Method: Flowing

Earliest Production in OCD Records: 8/2018 Last 11/2018 [Show All Production](#) [Export to Excel](#)

Time Frame	Production				Injection				
	Oil(BBLs)	Gas(MCF)	Water(BBLs)	Days P/I	Water(BBLs)	CO ₂ (MCF)	Gas(MCF)	Other	Pressure
2018									
BRADLEY; BONE SPRING									
Sep	1333	2269	18331	8	0	0	0	0	0
Oct	26685	44283	79205	31	0	0	0	0	0
Nov	34659	59447	51307	30	0	0	0	0	0

30-025-44534 TIGERCAT FEDERAL COM #003H [320525]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: Active
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Private
Surface Location: C-08-26S-33E 350 FNL 1650 FWL
Lat/Long: 32 064305, -103 597523 NAD83
GL Elevation: 3325
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

[98097] SANDERS TANK; UPPER WOLFCAMP

Status: Active
Bottomhole Location: N-08-26S-33E 209 FSL 1661 FWL
Last Produced: 11/01/2016
Lat/Long:
Acres: 160 08-26S-33E Units C F K N
DHC: No
Consolidation Code:
Production Method: Flowing
Earliest Production in OCD Records: 9/2018 Last 11/2018

Show All Production Export to Excel

Time Frame	Production				Injection				
	Oil(BBL5)	Gas(MCF)	Water(BBL5)	Days P/I	Water(BBL5)	Co2(MCF)	Gas(MCF)	Other	Pressure

2018

SANDERS TANK; UPPER WOLFCAMP

Time Frame	Oil(BBL5)	Gas(MCF)	Water(BBL5)	Days P/I	Water(BBL5)	Co2(MCF)	Gas(MCF)	Other	Pressure
Sep	16497	44199	87150	24	0	0	0	0	0
Oct	31212	87767	105873	31	0	0	0	0	0
Nov	22826	67411	74774	30	0	0	0	0	0

30-025-44535 TIGERCAT FEDERAL COM #004H [320525]

General Well Information

Operator: [229137] COG OPERATING LLC
 Status: Active Direction: Horizontal
 Well Type: Oil Multi-Lateral: No
 Work Type: New Mineral Owner: Federal
 Surface Owner: Federal
 Surface Location: G-08-26S-33E 360 FNL 1820 FWL
 Lat/Long: 32 062431, -103 597621 NAD83
 GL Elevation: 3324
 KB Elevation:
 DF Elevation:
 Sing/Mult Compl: Single
 Potash Waiver: False

[7280] BRADLEY, BONE SPRING

Status: Active Last Produced: 11/01/2018
 Bottomhole Location: M-08-26S-33E 215 FSL 987 FWL
 Lat/Long:
 Acreage: 160 08-26S-33E Units D E L M
 DHC: No Consolidation Code:
 Production Method: Flowing

Earliest Production in DCD Records: 9/2018 Last 11/2018 [Show All Production](#) [Export to Excel](#)

Time Frame	Production				Injection				
	Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/1	Water (BBLs)	CO2 (MCF)	Gas (MCF)	Other	Pressure
2018									
BRADLEY, BONE SPRING									
Sep	6391	9885	56914	20	0	0	0	0	0
Oct	28004	45385	68324	31	0	0	0	0	0
Nov	22840	40767	30466	30	0	0	0	0	0

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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.

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

5. Lease Serial No.
NMNM0160973

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other Instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
NMNM138998

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
TIGERCAT FEDERAL COM 8A CTB

2. Name of Operator
COG OPERATING LLC
Contact: BOBBIE GOODLOE
E-Mail: bgoodloe@concho.com

9. API Well No.

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)
Ph: 575-748-6952

10. Field and Pool or Exploratory Area
MISC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 8 T28S R33E NENE
32.063199 N Lat, 103.587178 W Lon

11. County or Parish, State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Site Facility Diagram/Security Plan
	<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 TIGERCAT FEDERAL COM 8A CTB. OIL FACILITY MEASUREMENT POINTS WILL BE LACT UNIT METER #14420209 AND TANK #1 AT THE BATTERY. SEE ATTACHED FACILITY DIAGRAM

- TIGERCAT FEDERAL COM #1H 30-025-44302
- TIGERCAT FEDERAL COM #2H 30-025-44303
- TIGERCAT FEDERAL COM #3H 30-025-44534
- TIGERCAT FEDERAL COM #4H 30-025-44535

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #451475 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) BOBBIE GOODLOE	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/23/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
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 _____

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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
NMNMO160973

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
NMNM138998

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
TIGERCAT FEDERAL COM 8A CTB

2. Name of Operator
COG OPERATING LLC
Contact: BOBBIE GOODLOE
E-Mail: bgoodloe@concho.com

9. API Well No.

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)
Ph: 575-748-6952

10. Field and Pool or Exploratory Area
MISC

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 8 T26S R33E NENE
32.063199 N Lat, 103.587178 W Lon

11. County or Parish, State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Site Facility Diagram/Security Plan
	<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 TIGERCAT FEDERAL COM 8A CTB. GAS SALES METER #57559 MEETS API AND AGA STANDARDS AND WILL MEASURE AND BE CALIBRATED ACCORDING TO ALL FEDERAL REQUIREMENTS AND REGULATIONS. SEE ATTACHED FACILITY DIAGRAM

TIGERCAT FEDERAL COM #1H 30-025-44302
TIGERCAT FEDERAL COM #2H 30-025-44303
TIGERCAT FEDERAL COM #3H 30-025-44534
TIGERCAT FEDERAL COM #4H 30-025-44535

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #451474 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) BOBBIE GOODLOE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 01/23/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title

Date

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

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)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

January 16, 2019

**Certified Mail – Return Receipt Requested
#**

A E & J Royalties LLC
460 St Michael's Dr., Bldg 300
Santa Fe, NM 87505

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:

Tigercat Federal Com 1H
API# 30-025-44302
Bradley; Bone Spring
SHL: 355' FNL 1620' FEL, Ut. B, Sec. 8-T26S-R33E
BHL: 279' FSL 968' FEL, Ut. P, Sec. 17-T26S-33E
Lea County, NM

Tigercat Federal Com 2H
API# 30-025-44303
Bradley; Bone Spring
SHL: 355' FNL 1650' FEL, Ut. B, Sec. 8-T26S-R33E
BHL: 419' FSL 1659' FEL, Ut. O, Sec. 17-T26S-R33E
Lea County, NM

Tigercat Federal Com 3H
API# 30-025-44534
Sanders Tank; Upper Wolfcamp
SHL: 360' FNL 1650' FWL, Ut. C, Sec. 8-T26S-R33E
BHL: 209' FSL 1661' FWL, Ut. N, Sec. 8-T26S-33E
Lea County, NM Lea County, NM
Gentlemen:

Tigercat Federal Com 4H
API# 30-025-44535
Bradley; Bone Spring
SHL: 360' FNL 1620' FEL, Ut. C, Sec. 8-T26S-R33E
BHL: 215' FSL 967' FWL, Ut. M, Sec. 8-T26S-R33E

Attached is a copy of COG Operating LLC's application for pool/lease commingling and off-lease measurement of production from the Tigercat Federal Com #1H, #2H, #3H & #4H wells. These wells are located in Sections 8, 17-T26S-R33E, 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

Tigercat Federa Com #1H 30-025-44302
Tigercat Federa Com #2H 30-025-44303
Tigercat Federa Com #3H 30-025-44534
Tigercat Federa Com #4H 30-025-44535

Application for Off-lease Gas Measurement & Pool/Lease Commingle
Notification List

Date Sent	Initials	Sent Certified Return Receipt to:	Receipt No.	Rec'd
1/25/2019	bjg	AE&J Royalties LLC, 460 St Michaels Dr., Bldg 300, Santa Fe NM 87505	7017-3040-0000-1206-1455	
1/25/2019	bjg	Bureau of Land Management, 620 E Greene St., Carlsbad, NM 88220	7017-3040-0000-1206-1462	
1/25/2019	bjg	Charlotte W Schuman Trust, 2121 Yorktown, #305, Tulsa, OK 74114	7017-3040-0000-1206-1479	
1/25/2019	bjg	Commerce First Royalties LLC, 14241 Dallas Pkwy, Ste 600, Dallas, TX 75254	7017-3040-0000-1206-1486	
1/25/2019	bjg	Commissioner of Public Lands, P O Box 2308, Santa Fe, NM 87501	7017-3040-0000-1206-1493	
1/25/2019	bjg	Energen Resources Corp., 605 Richard Arrington Jr., Blvd, North, Birmingham, AL 35203	7017-3040-0000-1206-1509	
1/25/2019	bjg	GGM Exploration Inc., P O Box 123610, Fort Worth, TX 76121	7017-3040-0000-1206-1516	
1/25/2019	bjg	HAP Land LLC, 5810 Wilson Road, Ste 270, Humble, TX 77396	7017-3040-0000-1206-1523	
1/25/2019	bjg	Hayes Revocable Trust, 3608 Meadowridge Lane, Midland, TX 79707	7017-3040-0000-1206-1530	
1/25/2019	bjg	Knappenberger Family, LLC, P O Box 21708, Oklahoma City, OK 73156	7017-3040-0000-1206-1547	
1/25/2019	bjg	Lessa T Wright, 5777 Carell Avenue, Agoura Hills, CA 91301	7017-3040-0000-1206-1554	
1/25/2019	bjg	Magnum Hunter Prod., 202 S Cheyenne Ave., Ste 1000, Tulsa, OK 74103	7017-3040-0000-1206-1561	
1/25/2019	bjg	Matthew J Schuman, 789 Horation Blvd., Buffalo Grove, IL 60089	7017-3040-0000-1206-1578	
1/25/2019	bjg	MECO IV LLC, 1200 17th Street, Ste 975, Denver, CO 80202	7017-3040-0000-1206-1585	
1/25/2019	bjg	Muleshoe Crude LP, 101 Blackberry Court, Midland, TX 79705	7017-3040-0000-1206-1592	
1/25/2019	bjg	Newkumet Exploration, P O Box 11330, Midland, TX 79702	7017-3040-0000-1206-1608	
1/25/2019	bjg	Occidental Permian Ltd., 5 East Greenway Plaza, Houston, TX 77046	7017-3040-0000-1206-1615	
1/25/2019	bjg	OXY USA, Inc, 5 Greenway Plaza, Ste 110, Houston, TX 77046	7017-3040-0000-1206-1622	
1/25/2019	bjg	Peregrine Production, P O Box 5655, Midland, TX 79710	7017-3040-0000-1206-1639	
1/25/2019	bjg	RSC Resources LP., 9740 W FM 2147 #8329, Horseshoe Bay, TX 78657	7017-3040-0000-1206-1646	
1/25/2019	bjg	Sagebrush Interest LLC, 2450 Fondren Road, Ste 112, Houston, TX 77063	7017-3040-0000-1206-1653	
1/25/2019	bjg	TD Minerals LLC, 8111 Westchester Drive, Ste 900, Dallas, TX 75225	7017-3040-0000-1206-1660	
1/25/2019	bjg	Tilden Capital Minerals LLC, P O Box 470857, Fort Worth, TX 76147	7017-3040-0000-1206-1677	
1/25/2019	bjg	Titus Oil & Gas Prod., 100 Throckmorton St., Ste 1630, Fort Worth, TX 76102	7017-3040-0000-1206-1684	
1/25/2019	bjg	Daniel & Vida Schuman Rev Trust, 2121 Yorktown, #305, Tulsa, OK 74114	7017-3040-0000-1206-1691	
1/25/2019	bjg	Jennis S Kaufman, 10735 Villa Lea Lane, Houston, TX 77071	7017-3040-0000-1206-1707	
1/25/2019	bjg	Marc Schuman, 10627 Pictured Rocks Dr., Peyton, CO 80831	7017-3040-0000-1206-1714	

Mailed by:
Bobbie Goodloe



January 24, 2019

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

RE: Application for Lease/Pool Commingle, CTB and Off-lease Measurement

Tigercat Federal Com 1H
API# 30-025-44302
Bradley; Bone Spring
SHL: 355' FNL 1620' FEL, Ut. B, Sec. 8-T26S-R33E
BHL: 279' FSL 968' FEL, Ut. P, Sec. 17-T26S-33E
Lea County, NM

Tigercat Federal Com 2H
API# 30-025-44303
Bradley; Bone Spring
SHL: 355' FNL 1650' FEL, Ut. B, Sec. 8-T26S-R33E
BHL: 419' FSL 1659' FEL, Ut. O, Sec. 17-T26S-R33E
Lea County, NM

Tigercat Federal Com 3H
API# 30-025-44534
Sanders Tank; Upper Wolfcamp
SHL: 360' FNL 1650' FWL, Ut. C, Sec. 8-T26S-R33E
BHL: 209' FSL 1661' FWL, Ut. N, Sec. 8-T26S-33E
Lea County, NM
To Whom it May Concern:

Tigercat Federal Com 4H
API# 30-025-44535
Bradley; Bone Spring
SHL: 360' FNL 1620' FEL, Ut. C, Sec. 8-T26S-R33E
BHL: 215' FSL 967' FWL, Ut. M, Sec. 8-T26S-R33E

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

If you have any questions, please do not hesitate to contact me at bgoodloe@concho.com or 575-748-6952.

Sincerely,

A handwritten signature in black ink that reads "Bobbie Goodloe".

Bobbie Goodloe
Regulatory Analyst



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



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

Applicant: COG Operating LLC
 Well Name: Tigercat Federal Com #4H
 Pool: Bradley; Bone Spring

OGRID #: 229137
 API #: 30-025-44535

OPERATOR NAME: COG Operating LLC
 OPERATOR ADDRESS: 2208 W Main Street, Artesia, NM 88210

APPLICATION REQUIREMENTS – SUBMIT:

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

CERTIFICATION: To the best of my knowledge,

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

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

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

Bobbie J Goodloe

Print or Type Name

Bobbie J Goodloe
 Signature

575-748-6952
 Phone Number

January 24, 2019
 Date

bgoodloe@concho.com
 e-mail Address

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

Questions?
 Contact the Commingling Manager:
 505.827.5791

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



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



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

Applicant: COG Operating LLC OGRID #: 229137
Well Name: Tigercat Federal Com #3H API #: 30-025-44534
Pool: Sanders Tank; Upper Wolfcamp

OPERATOR NAME: COG Operating LLC

OPERATOR ADDRESS: 2208 W Main Street, Artesia, NM 88210

APPLICATION REQUIREMENTS – SUBMIT:

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

CERTIFICATION: To the best of my knowledge,

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Bobbie J Goodloe

Print or Type Name

Signature

575-748-6952

Phone Number

January 24, 2019

Date

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



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

Applicant: COG Operating LLC
Well Name: Tigercat Federal Com #1H
Pool: Bradley; Bone Spring

OGRID #: 229137
API #: 30-025-44302

OPERATOR NAME: COG Operating LLC
OPERATOR ADDRESS: 2208 W Main Street, Artesia, NM 88210

APPLICATION REQUIREMENTS – SUBMIT:

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

CERTIFICATION: To the best of my knowledge,

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Bobbie J Goodloe

Print or Type Name

Bobbie J Goodloe
Signature

575-748-6952

Phone Number

January 24, 2019

Date

bgoodloe@concho.com

e-mail Address

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

Questions?
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505.827.5791

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



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

Applicant: COG Operating LLC
Well Name: Tigercat Federal Com #2H
Pool: Bradley; Bone Spring

OGRID #: 229137
API #: 30-025-44303

OPERATOR NAME: COG Operating LLC
OPERATOR ADDRESS: 2208 W Main Street, Artesia, NM 88210

APPLICATION REQUIREMENTS – SUBMIT:

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

CERTIFICATION: To the best of my knowledge,

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

Bobbie J Goodloe

Print or Type Name

Bobbie J Goodloe
Signature

575-748-6952

Phone Number

January 24, 2019

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bgoodloe@concho.com

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Tigercat Federal Com Lease - Sec 8 T-26S-R33E, Lea County, NM

Well Name	API #	Producing Zone	Royalty Rate	Total Dedicated Acres	Leases Included	% Dedicated Acres
Tigercat Fed Com #1H	30-025-44302	Bradley; Bone Spring	12.5%	320	NMNM010604A NMNM0160973 State - VB8463 FEE	12.5% 25.0% 50.0% 12.5%
Tigercat Fed Com #2H	30-025-44303	Bradley; Bone Spring	12.5%	320	NMNM010604A NMNM0160973 State - VB8463 FEE	12.5% 25.0% 50.0% 12.5%
Tigercat Fed Com #3H	30-025-44534	Sanders Tank; Up. Wolfcamp	12.5%	160	NMNM010604A NMNM0160973 FEE	25.0% 50.0% 25.0%
Tigercat Fed Com #4H	30-025-44535	Bradley; Bone Spring	12.5%	160	NMNM0160973 FEE	50.0% 50.0%