

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - 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

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☒ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **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.

Kanicia Castillo

[Signature]

Lead Regulatory Analyst

11/12/15

Print or Type Name

Signature

Title

Date

kcastillo@concho.com

e-mail Address



Kanicia Castillo
Lead Regulatory Analyst

November 24, 2015

RECEIVED OGD

2015 NOV 25 P 3: 53

New Mexico Oil Conservation Division
Michael McMillan
1220 S St. Francis Drive
Santa Fe, New Mexico 87505

Re: Request for Surface Commingle

Mr. McMillan,

COG Operating LLC respectfully requests approval to Surface Commingle our Bose Ikard 4 State Com wells at our Bose Ikard 4 State Com #18H battery. Please see attached well list.

Bose Ikard 4 State Com 12H
Eddy County, NM
API # 30-15-43032
Surface: 750 FNL & 150 FWL
Sec 4, T17S, R29E, Lot 4

Bose Ikard State 4 Com 15H
Eddy County, NM
API #: 30-015-43033
Surface: 2140 FSL & 150 FWL
Sec 4, T17S, R29E, Unit L

Bose Ikard 4 State Com 16H
Eddy County, NM
API # 30-015-42884
Surface: 1730 FSL & 330 FWL
Sec 4, T17S, R29E, Unit L

Bose Ikard 4 State Com 18H
Eddy County, NM
API #: 30-015-42404
Surface: 330 FSL & 330 FWL
Sec 4, T17S, R29E, Unit M

Bose Ikard 4 State Com 25H
Eddy County, NM
API #: 30-015-42885
Surface: 2310 FSL & 330 FWL
Sec 4, T17S, R29E, Unit L

Bose Ikard 4 State Com 27H
Eddy County, NM
API #: 30-015-42785
Surface: 990 FSL & 330 FWL
Sec 4, T17S, R29E, Unit M

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance. The 18H, 27H have common ownership producing into its own separator. The 15H, 16H, 25H have common ownership producing into its own separator. The 12H has diverse ownership from the others and will be determined by subtraction method. Commingling will not reduce the value of production. These wells will be producing from the Empire; Glorieta Yeso, East 96610. Attached is a diagram of the battery facility, a map showing the well locations and the location of the CTB, admin checklist, and notice to all interest owners and publication. Please contact me at 432-685-4332 should you have any questions.

Sincerely,

COG Operating LLC
Kanicia Castillo

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: One Concho Center, 600 West Illinois Ave, Midland, Texas 79701
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

- (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. Empire;Glorieta-Yeso, East, 96610
(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) Well test method with common ownership

(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: K C TITLE: Lead Regulatory Analyst DATE: 11/12/15
TYPE OR PRINT NAME Kanicia Castillo TELEPHONE NO.: 432-685-4332
E-MAIL ADDRESS: kcastillo@concho.com

BOSE IKARD 4 STATE COM 18H BATTERY
SWSW SECTION 4, T17S, R29E, UNIT M
EDDY COUNTY, NM

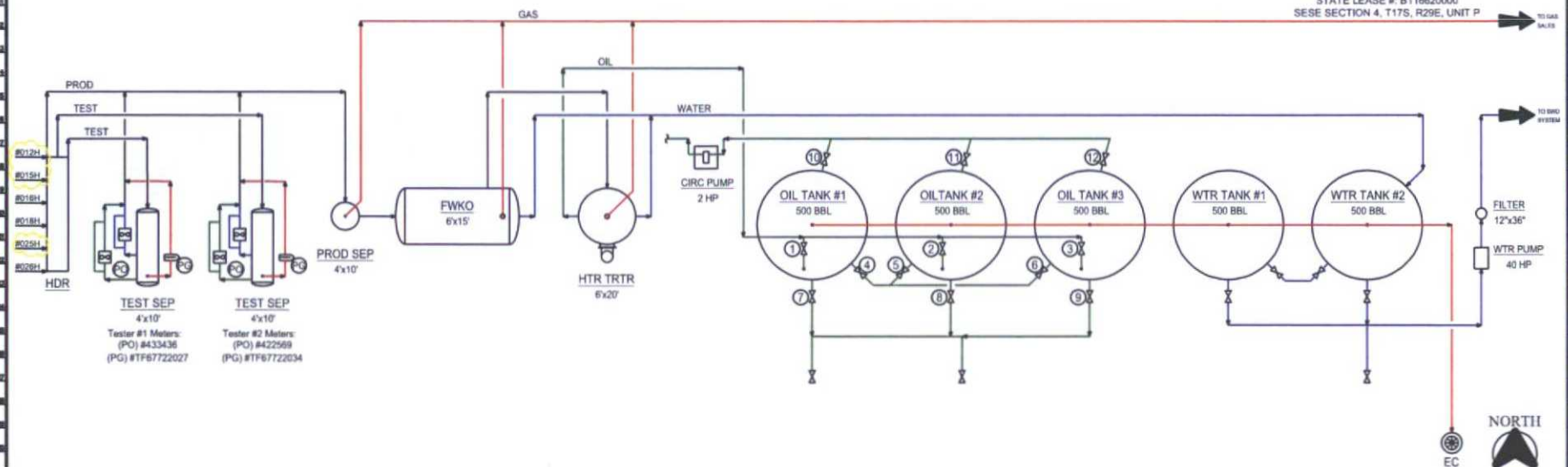
WELLS:
BOSE IKARD 4 STATE COM #012H: 30-015-43032 *NOT DRILLED*
BOSE IKARD 4 STATE COM #015H: 30-015-43033 *NOT DRILLED*
BOSE IKARD 4 STATE COM #016H: 30-015-42884
BOSE IKARD 4 STATE COM #018H: 30-015-42404

WELLS
BOSE IKARD 4 STATE COM #025H: 30-015-42885 *NOT DRILLED*
BOSE IKARD 4 STATE COM #027H: 30-015-42785

Production Phase - Oil Tank #1
- Valve 1 open
- Valves 2 and 3 closed
- Valves 4, 5, and 6 open
- Valves 7, 8, and 9 closed
- Valves 10, 11, and 12 closed

Sales Phase - Oil Tank #1
- Valve 1 closed
- Valves 2 or 3 open
- Valve 4 closed
- Valves 5 and 6 open
- Valve 7 open
- Valves 8 and 9 closed
- Valves 10, 11, and 12 closed

DCP GAS SALES LINE METER: #742585-00
(LOCATED ~1 MILE EAST NEXT TO CRD 214)
STATE LEASE #: B116620000
SESE SECTION 4, T17S, R29E, UNIT P



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

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

NOTES		CONFIDENTIALITY NOTICE		REFERENCE DRAWINGS		REVISIONS				ENGINEERING RECORD					
Type of Lease: State State Lease #: B116620000 Property Code: 39256 OGRID #: 229137		THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR CONFINED 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 FOR WHICH IT IS SPECIFICALLY PROVIDED.		NO.	DATE	DESCRIPTION	BY	CHK.	APP.	BY	DATE	BY	DATE	NEW MEXICO SHELF ASSET PRODUCTION FACILITIES SITE FACILITY DIAGRAM BOSE IKARD 4 STATE COM 15H BATTERY BOISE COUNTY NEW MEXICO	
				A	08/01/12	ISSUE FOR SITE PERMITTING	CNS		08/01/12	CNS	08/01/12				
				B	10/23/12	UPDATED FOR BOSE IKARD 4 BY 15H BYV	CNS		10/23/12	CNS	10/23/12				
				COG OPERATING LLC 800 WEST 8 LAKES AVENUE MIDLAND, TEXAS 79701						APP. APE NO FILL SHIN C. SLIDE THOMP. RANGE SCALE: NONE D-1700-81-005					

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1503080

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name BOSE IKARD 4 STATE COM			6 Well Number 15H
7 OGRID NO.		8 Operator Name COG OPERATING, LLC			9 Elevation 3598'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	4	17S	29E		2140	SOUTH	150	WEST	EDDY

11 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	4	17S	29E		2309	SOUTH	330	EAST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------	--------------------	-----------------------	--------------

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16 LOT 4 40.00 Ac. (MSP 40.05 Ac.) GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 677429.7 - E 575521.8 LAT: 32.86209567° N LONG: 104.08738193° W BOTTOM HOLE N 677628.1 - E 580297.1	LOT 3 39.91 Ac. (MSP 40.00 Ac.) CORNER DATA NAD 27 GRID - NM EAST A: FOUND RED CAP "HOWETT PLS19680" N 675289.3 - E 575371.1 B: FOUND BRASS CAP "1914" N 677928.7 - E 575371.9 C: FOUND BRASS CAP "1914" N 680580.6 - E 575358.9 D: FOUND BRASS CAP "1914" N 680585.3 - E 577994.0	LOT 2 39.80 Ac. (MSP 39.93 Ac.) E: FOUND BRASS CAP "1914" N 680598.6 - E 580627.0 F: FOUND BRASS CAP "1914" N 677960.0 - E 580626.8 G: FOUND BRASS CAP "1914" N 675321.9 - E 580628.5 H: FOUND BRASS CAP "1914" N 675304.8 - E 577999.2 1: CALCULATED CORNER N 676609.0 - E 575371.5 2: CALCULATED CORNER N 676641.0 - E 580627.6	LOT 1 39.78 Ac. (MSP 39.88 Ac.)	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____ E-mail Address _____
18 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. 3-12-2015 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number				

District I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax (505) 393-0720
District II
811 S. 1st St., Artesia, NM 88210
Phone (505) 748-1283 Fax (505) 748-9720
District III
1000 Rio Arriba Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42884	² Pool Code 96610	³ Pool Name Empire; Glorieta-Yeso, East
⁴ Property Code 313320	⁵ Property Name BOSE IKARD 4 STATE COM	
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC	
		⁶ Well Number 16H
		⁹ Elevation 3597'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	4	17-S	29-E		1730	SOUTH	330	WEST	EDDY

" 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	4	17-S	29-E		1706	SOUTH	378	EAST	EDDY

¹⁰ Dedicated Acres 160	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

LOT 4 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 677020.8 E 575701.5 LAT: 32.86097075° N LONG: 104.08679958° W BOTTOM LOCATION N 676969.3 E 580297.5	LOT 3	LOT 2 CORNER DATA NAD 27 GRID - NM EAST A: SET REBAR W/RPC LS19680 HOWETT N 675289.3 - E 575371.1 B: FND BRASS CAP 1914 N 677928.7 - E 575371.9 C: FND BRASS CAP 1914 N 680580.6 - E 575358.9 D: FND BRASS CAP 1914 N 680585.3 - E 577994.0 E: FND BRASS CAP 1914 N 680598.6 - E 580627.0 F: FND BRASS CAP 1914 N 677960.0 - E 580626.8 G: FND BRASS CAP 1914 N 675321.9 - E 580628.5 H: FND BRASS CAP 1914 N 675304.8 - E 577999.2	LOT 1	" OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or unless mineral interests in the land including the proposed bottom hole location or has a right to drill this well as the location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Chasity Jackson</i> 9/10/15 Signature Date Chasity Jackson Printed Name cjackson@concho.com Email 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. 2/27/14 Date of Survey <i>Robert M. Howett</i> Signature ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR 19680 Certificate Number				

District I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone (575) 749-1283 Fax (575) 749-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42404		² Pool Code 96610	³ Pool Name Empire; Glorieta-Yeso, East
⁴ Property Code 313320	⁵ Property Name BOSE IKARD 4 STATE COM		⁶ Well Number 18H
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 3601'

" Surface Location

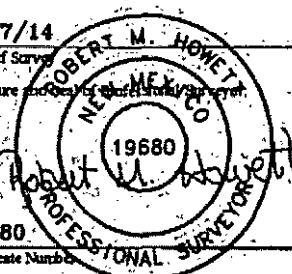
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	17-S	29-E		330	SOUTH	330	WEST	EDDY

" 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	4	17-S	29-E		387	SOUTH	354	EAST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Chasity Jackson</u> Date: <u>3/23/15</u> Printed Name: <u>Chasity Jackson</u> Email Address: <u>cjackson@concho.com</u>			
" SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: <u>2/27/14</u> Signature: <u>Robert M. Howett</u> Professional Surveyor Seal:  Certificate Number: <u>19680</u>			

GEODETIC DATA
NAD 27 GRID - NM EAST

SURFACE LOCATION
N 675621.1
E 575701.1

BOTTOM LOCATION
LAT: 32.85712338° N
LONG: 104.08681175° W
N 675649.7
E 580298.3

CORNER DATA
NAD 27 GRID - NM EAST

A: SET REBAR W/RPC LS19680 HOWETT
N 675289.3 - E 575371.1

B: FND BRASS CAP 1914
N 677928.7 - E 575371.9

C: FND BRASS CAP 1914
N 680580.6 - E 575358.9

D: FND BRASS CAP 1914
N 680585.3 - E 577994.0

E: FND BRASS CAP 1914
N 680598.6 - E 580627.0

F: FND BRASS CAP 1914
N 677960.0 - E 580626.8

G: FND BRASS CAP 1914
N 675321.9 - E 580628.5

H: FND BRASS CAP 1914
N 675304.8 - E 577999.2

330' S.L. N 89°38'39" E (GRID) 4598.54' (HORIZ.) B.H. 354'

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name BOSE IKARD 4 STATE COM	
⁷ OGRID No.	⁸ Operator Name COG OPERATING, LLC	⁶ Well Number 25H
		⁹ Elevation 3596'

¹⁰ Surface Location									
UL or lot no. L	Section 4	Township 17-S	Range 29-E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 330	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. I	Section 4	Township 17-S	Range 29-E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 330	East/West line EAST	County EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 677600.6 E 575701.7 LAT: 32.86256439° N LONG: 104.08679450° W BOTTOM LOCATION N 677629.2 E 580297.1 CORNER DATA NAD 27 GRID - NM EAST A: SET REBAR W/RPC LS19680 HOWETT N 675289.3 - E 575371.1 B: FND BRASS CAP 1914 N 677928.7 - E 575371.9 C: FND BRASS CAP 1914 N 680580.6 - E 575358.9 D: FND BRASS CAP 1914 N 680585.3 - E 577994.0 E: FND BRASS CAP 1914 N 680598.6 - E 580627.0 F: FND BRASS CAP 1914 N 677960.0 - E 580626.8 G: FND BRASS CAP 1914 N 675321.9 - E 580628.5 H: FND BRASS CAP 1914 N 675304.8 - E 577999.2 330' S.L. N 89°38'39" E (GRID) - 4596.65' (HORIZ.) B.H. 330' 2310' 2310'	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Signature _____ Date _____ Printed Name _____ E-mail Address _____ ¹⁸ SURVEYOR CERTIFICATION <i>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.</i> 2/27/14 Date of Survey Signature _____ Robert M. Howett Professional Surveyor 19680 Certificate Number
--	---

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720
District II
8119 First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Las Brancas Road, Aztec, NM 87410
Phone (505) 334-6178 Fax (505) 334-6170
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42785	² Pool Code 96610	³ Pool Name Empire; Glorieta-Yeso, East
⁴ Property Code 313320	⁵ Property Name BOSE IKARD 4 STATE COM	
⁷ OGRID No. 229137	⁶ Operator Name COG OPERATING, LLC	⁸ Well Number 27H ⁹ Elevation 3599'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	17-S	29-E		990	SOUTH	330	WEST	EDDY

" 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	4	17-S	29-E		970	SOUTH	350	EAST	EDDY

¹⁰ Dedicated Acres 160	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

LOT 4 LOT 3 LOT 2 LOT 1 CORNER DATA NAD 27 GRID - NM EAST A: SET REBAR W/RPC LS19680 HOWETT N 675289.31 - E 575371.09 B: FND BRASS CAP 1914 N 677928.67 - E 575371.91 C: FND BRASS CAP 1914 N 680580.58 - E 575358.86 D: FND BRASS CAP 1914 N 680585.30 - E 577993.99 E: FND BRASS CAP 1914 N 680598.61 - E 580626.97 F: FND BRASS CAP 1914 N 677960.02 - E 580626.80 G: FND BRASS CAP 1914 N 675321.92 - E 580626.46 H: FND BRASS CAP 1914 N 675304.80 - E 577999.19 1: CALCULATED CORNER N 676608.99 - E 575371.50 2: CALCULATED CORNER N 676640.97 - E 580627.63		" OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>C. Jackson</i> 6/15/15 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
GEODETTIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 676281.00 E 575701.30 BOTTOM LOCATION LAT: 32.85893717° N LONG: 104.08680592° W N 676309.50 E 580297.90		" 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. 2/27/14 Date of Survey <i>Robert M. Howett</i> Signature and Seal of Professional Surveyor 19680 Certificate Number

November 24, 2015

Engineering and Geological Services Bureau
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Mr. Michael A. McMillan

Re: **Bose Ikard 4 State Com #18H CTB**
S/2S/2 of Section 4, T17S, R29E, N.M.P.M.
Eddy County, New Mexico

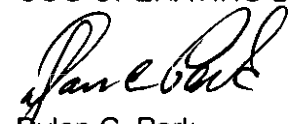
Dear Mr. McMillan:

This letter is in reference to COG Operating LLC's surface commingling application for subject tank battery. Ownership in the wells potentially producing into subject tank battery is described, as follows:

- South ½ South ½ wells:
 - Bose Ikard 4 State Com #18H (30-015-42404)
 - Bose Ikard 4 State Com #27H (30-015-42785)
 - The South ½ South ½ wells (and any future wells drilled and produced from the Yeso formation in this proration unit) have common ownership, but are diverse from the North ½ South ½ wells and the North ½ North ½ wells.
- North ½ South ½ wells:
 - Bose Ikard 4 State Com #15H (30-015-43033)
 - Bose Ikard 4 State Com #16H (30-015-42884)
 - Bose Ikard 4 State Com #25H (30-015-42885)
 - The North ½ South ½ wells (and any future wells drilled and produced from the Yeso formation in this proration unit) have common ownership, but are diverse from the South ½ South ½ wells and the North ½ North ½ wells.
- North ½ North ½ well:
 - Bose Ikard 4 State Com #12H (30-015-43032)
 - The North ½ North ½ well (and any future wells drilled and produced from the Yeso formation in this proration unit) have common ownership, but are diverse from the South ½ South ½ wells and the North ½ South ½ wells.

If you have any questions, please do not hesitate to contact me at (432) 685-2539 or at dpark@concho.com.

Respectfully,
COG OPERATING LLC



Dylan C. Park
Senior Landman

Bose Ikard 4 State Com 16H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
BOSE IKARD 4 STATE COM #16H	11/20/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/19/2015	291.3300	521.0000	1,118.0000
BOSE IKARD 4 STATE COM #16H	11/18/2015	290.2100	459.0000	1,326.0000
BOSE IKARD 4 STATE COM #16H	11/17/2015	295.9500	395.0000	1,351.0000
BOSE IKARD 4 STATE COM #16H	11/16/2015	290.2400	386.0000	1,426.0000
BOSE IKARD 4 STATE COM #16H	11/15/2015	304.3100	412.0000	1,627.0000
BOSE IKARD 4 STATE COM #16H	11/14/2015	274.4900	402.0000	1,604.0000
BOSE IKARD 4 STATE COM #16H	11/13/2015	231.1200	397.0000	1,735.0000
BOSE IKARD 4 STATE COM #16H	11/12/2015	157.9000	290.0000	1,812.0000
BOSE IKARD 4 STATE COM #16H	11/11/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/10/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/09/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/08/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/07/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/06/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/05/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/04/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/03/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/02/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #16H	11/01/2015	0.0000	0.0000	0.0000
Hung on: 11/5/15		106.7775	163.1000	599.9500

1st Prod: 11/12/15

*mit 10000
10000
8 days production
20 days*

Bose Ikard 4 State Com 18H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
BOSE IKARD 4 ST COM #18H	07/31/2015	83.8500	42.0000	168.0000
BOSE IKARD 4 ST COM #18H	07/30/2015	96.8400	42.0000	226.0000
BOSE IKARD 4 ST COM #18H	07/29/2015	59.8900	85.0000	193.0000
BOSE IKARD 4 ST COM #18H	07/28/2015	170.2900	217.0000	265.0000
BOSE IKARD 4 ST COM #18H	07/27/2015	95.0700	196.5600	248.7300
BOSE IKARD 4 ST COM #18H	07/26/2015	55.3200	76.2000	119.3600
BOSE IKARD 4 ST COM #18H	07/25/2015	84.2500	148.0100	207.7800
BOSE IKARD 4 ST COM #18H	07/24/2015	86.6100	143.2900	216.9300
BOSE IKARD 4 ST COM #18H	07/23/2015	79.3200	144.9800	220.4200
BOSE IKARD 4 ST COM #18H	07/22/2015	86.3900	141.2700	215.6300
BOSE IKARD 4 ST COM #18H	07/21/2015	87.5000	142.2800	214.7500
BOSE IKARD 4 ST COM #18H	07/20/2015	79.5100	142.2800	213.0100
BOSE IKARD 4 ST COM #18H	07/19/2015	87.1000	152.0600	243.0700
BOSE IKARD 4 ST COM #18H	07/18/2015	97.8900	157.4500	216.0600
BOSE IKARD 4 ST COM #18H	07/17/2015	69.5900	120.0300	152.4600
BOSE IKARD 4 ST COM #18H	07/16/2015	91.9200	168.5800	245.6800
BOSE IKARD 4 ST COM #18H	07/15/2015	88.1100	147.0000	230.0000
BOSE IKARD 4 ST COM #18H	07/14/2015	129.5400	61.6700	155.7000
BOSE IKARD 4 ST COM #18H	07/13/2015	126.1200	59.0000	150.0000
BOSE IKARD 4 ST COM #18H	07/12/2015	121.1800	60.0000	163.0000
BOSE IKARD 4 ST COM #18H	07/11/2015	102.6600	46.0000	135.0000
BOSE IKARD 4 ST COM #18H	07/10/2015	99.6500	61.0000	144.0000
BOSE IKARD 4 ST COM #18H	07/09/2015	110.0700	61.0000	177.0000
BOSE IKARD 4 ST COM #18H	07/08/2015	99.9700	48.0000	126.0000
BOSE IKARD 4 ST COM #18H	07/07/2015	134.7900	88.0000	198.0000
BOSE IKARD 4 ST COM #18H	07/06/2015	101.0500	102.0000	151.0000
BOSE IKARD 4 ST COM #18H	07/05/2015	150.1200	113.0000	278.0000
BOSE IKARD 4 ST COM #18H	07/04/2015	152.0600	147.0000	285.0000
BOSE IKARD 4 ST COM #18H	07/03/2015	78.6100	45.4500	102.2700
BOSE IKARD 4 ST COM #18H	07/02/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	07/01/2015	34.9300	57.0300	64.6900
Monthly Average:		94.8452	103.7142	184.6948
BOSE IKARD 4 ST COM #18H	06/30/2015	157.4700	207.0000	276.0000
BOSE IKARD 4 ST COM #18H	06/29/2015	140.9500	196.0000	267.0000
BOSE IKARD 4 ST COM #18H	06/28/2015	160.7500	207.0000	293.0000
BOSE IKARD 4 ST COM #18H	06/27/2015	146.8100	178.0000	275.0000
BOSE IKARD 4 ST COM #18H	06/26/2015	150.2300	181.0000	291.0000
BOSE IKARD 4 ST COM #18H	06/25/2015	156.7800	175.0000	269.0000
BOSE IKARD 4 ST COM #18H	06/24/2015	156.5400	219.0000	246.0000
BOSE IKARD 4 ST COM #18H	06/23/2015	152.8100	270.0000	370.0000
BOSE IKARD 4 ST COM #18H	06/22/2015	158.7500	269.0000	383.0000
BOSE IKARD 4 ST COM #18H	06/21/2015	160.9100	270.0000	390.0000
BOSE IKARD 4 ST COM #18H	06/20/2015	162.5700	264.0000	427.0000
BOSE IKARD 4 ST COM #18H	06/19/2015	150.4500	254.0000	468.0000
BOSE IKARD 4 ST COM #18H	06/18/2015	134.1200	251.0000	469.0000
BOSE IKARD 4 ST COM #18H	06/17/2015	143.1200	272.0000	523.0000
BOSE IKARD 4 ST COM #18H	06/16/2015	175.6800	277.0000	578.0000
BOSE IKARD 4 ST COM #18H	06/15/2015	137.9700	286.0000	632.0000
BOSE IKARD 4 ST COM #18H	06/14/2015	117.5400	270.0000	558.0000
BOSE IKARD 4 ST COM #18H	06/13/2015	129.9000	283.0000	677.0000
BOSE IKARD 4 ST COM #18H	06/12/2015	125.7800	278.0000	688.0000
BOSE IKARD 4 ST COM #18H	06/11/2015	110.9100	286.0000	718.0000
BOSE IKARD 4 ST COM #18H	06/10/2015	101.3100	317.0000	747.0000
BOSE IKARD 4 ST COM #18H	06/09/2015	90.4600	370.0000	676.0000
BOSE IKARD 4 ST COM #18H	06/08/2015	92.6300	497.0000	713.0000
BOSE IKARD 4 ST COM #18H	06/07/2015	117.1700	368.0000	772.0000
BOSE IKARD 4 ST COM #18H	06/06/2015	86.4900	322.0000	1,991.4600
BOSE IKARD 4 ST COM #18H	06/05/2015	58.5800	286.0000	1,015.0000
BOSE IKARD 4 ST COM #18H	06/04/2015	36.2600	236.0000	1,200.0000
BOSE IKARD 4 ST COM #18H	06/03/2015	30.6900	194.0000	1,591.0000

Same 10912

Bose Ikard 4 State Com 18H
Production Data

BOSE IKARD 4 ST COM #18H	06/02/2015	12.5500	35.0000	1,942.0000
BOSE IKARD 4 ST COM #18H	06/01/2015	0.0000	10.0000	1,474.0000
Monthly Average:		118.5393	250.9333	697.3153
BOSE IKARD 4 ST COM #18H	05/31/2015	0.0000	38.0000	1,430.0000
BOSE IKARD 4 ST COM #18H	05/30/2015	0.0000	3.0000	2,030.0000
BOSE IKARD 4 ST COM #18H	05/29/2015	0.0000	0.0000	1,990.0000
BOSE IKARD 4 ST COM #18H	05/28/2015	0.0000	0.0000	2,127.0000
BOSE IKARD 4 ST COM #18H	05/27/2015	0.0000	0.0000	2,106.0000
BOSE IKARD 4 ST COM #18H	05/26/2015	5.5400	0.0000	941.0000
BOSE IKARD 4 ST COM #18H	05/25/2015	0.0000	0.0000	1,056.0000
BOSE IKARD 4 ST COM #18H	05/24/2015	166.0900	167.0000	794.0000
BOSE IKARD 4 ST COM #18H	05/23/2015	174.3700	303.0000	338.0000
BOSE IKARD 4 ST COM #18H	05/22/2015	173.8300	303.0000	362.0000
BOSE IKARD 4 ST COM #18H	05/21/2015	173.8200	305.0000	370.0000
BOSE IKARD 4 ST COM #18H	05/20/2015	181.3300	334.0000	371.0000
BOSE IKARD 4 ST COM #18H	05/19/2015	172.9800	339.0000	406.0000
BOSE IKARD 4 ST COM #18H	05/18/2015	199.2900	355.0000	403.0000
BOSE IKARD 4 ST COM #18H	05/17/2015	185.4500	345.0000	406.0000
BOSE IKARD 4 ST COM #18H	05/16/2015	191.1400	352.0000	406.0000
BOSE IKARD 4 ST COM #18H	05/15/2015	200.8600	366.0000	405.0000
BOSE IKARD 4 ST COM #18H	05/14/2015	200.8500	375.0000	436.0000
BOSE IKARD 4 ST COM #18H	05/13/2015	190.4100	368.0000	435.0000
BOSE IKARD 4 ST COM #18H	05/12/2015	177.1400	324.0000	378.0000
BOSE IKARD 4 ST COM #18H	05/11/2015	190.9900	331.0000	416.0000
BOSE IKARD 4 ST COM #18H	05/10/2015	196.7400	350.0000	422.0000
BOSE IKARD 4 ST COM #18H	05/09/2015	189.7800	353.0000	434.0000
BOSE IKARD 4 ST COM #18H	05/08/2015	157.5200	317.0000	433.0000
BOSE IKARD 4 ST COM #18H	05/07/2015	224.6600	283.0000	362.0000
BOSE IKARD 4 ST COM #18H	05/06/2015	204.8300	334.0000	437.0000
BOSE IKARD 4 ST COM #18H	05/05/2015	207.6900	329.0000	434.0000
BOSE IKARD 4 ST COM #18H	05/04/2015	227.1600	358.0000	441.0000
BOSE IKARD 4 ST COM #18H	05/03/2015	223.2200	378.0000	445.0000
BOSE IKARD 4 ST COM #18H	05/02/2015	292.4000	378.0000	480.0000
BOSE IKARD 4 ST COM #18H	05/01/2015	195.5400	439.0000	545.0000
Monthly Average:		151.7300	262.1613	710.9355
BOSE IKARD 4 ST COM #18H	04/30/2015	248.2800	429.0000	485.0000
BOSE IKARD 4 ST COM #18H	04/29/2015	242.8000	402.0000	510.0000
BOSE IKARD 4 ST COM #18H	04/28/2015	242.7000	400.0000	508.0000
BOSE IKARD 4 ST COM #18H	04/27/2015	245.5400	412.0000	537.0000
BOSE IKARD 4 ST COM #18H	04/26/2015	254.5500	412.0000	511.0000
BOSE IKARD 4 ST COM #18H	04/25/2015	263.7200	417.0000	545.0000
BOSE IKARD 4 ST COM #18H	04/24/2015	278.9700	432.0000	554.0000
BOSE IKARD 4 ST COM #18H	04/23/2015	262.2300	448.0000	595.0000
BOSE IKARD 4 ST COM #18H	04/22/2015	267.9200	443.0000	560.0000
BOSE IKARD 4 ST COM #18H	04/21/2015	270.0000	440.0000	569.0000
BOSE IKARD 4 ST COM #18H	04/20/2015	259.4600	418.0000	582.0000
BOSE IKARD 4 ST COM #18H	04/19/2015	255.9500	409.0000	558.0000
BOSE IKARD 4 ST COM #18H	04/18/2015	261.6700	400.0000	568.0000
BOSE IKARD 4 ST COM #18H	04/17/2015	251.0700	384.0000	572.0000
BOSE IKARD 4 ST COM #18H	04/16/2015	273.4700	400.0000	577.0000
BOSE IKARD 4 ST COM #18H	04/15/2015	268.5000	419.0000	618.0000
BOSE IKARD 4 ST COM #18H	04/14/2015	268.6200	459.0000	660.0000
BOSE IKARD 4 ST COM #18H	04/13/2015	244.0900	375.0000	583.0000
BOSE IKARD 4 ST COM #18H	04/12/2015	260.9000	360.0000	553.0000
BOSE IKARD 4 ST COM #18H	04/11/2015	269.2100	465.0000	700.0000
BOSE IKARD 4 ST COM #18H	04/10/2015	237.1400	326.0000	618.0000
BOSE IKARD 4 ST COM #18H	04/09/2015	239.9100	320.0000	584.0000
BOSE IKARD 4 ST COM #18H	04/08/2015	241.3100	342.0000	638.0000
BOSE IKARD 4 ST COM #18H	04/07/2015	423.3300	341.0000	625.0000
BOSE IKARD 4 ST COM #18H	04/06/2015	239.9100	319.0000	620.0000
BOSE IKARD 4 ST COM #18H	04/05/2015	228.0600	313.0000	593.0000

Same logic

Bose Ikard 4 State Com 18H
Production Data

BOSE IKARD 4 ST COM #18H	04/04/2015	240.7200	319.0000	667.0000
BOSE IKARD 4 ST COM #18H	04/03/2015	225.9700	309.0000	638.0000
BOSE IKARD 4 ST COM #18H	04/02/2015	236.5700	324.0000	661.0000
BOSE IKARD 4 ST COM #18H	04/01/2015	214.8100	291.0000	596.0000
Monthly Average:		257.2460	384.2667	586.1667
BOSE IKARD 4 ST COM #18H	03/31/2015	258.0400	340.0000	760.0000
BOSE IKARD 4 ST COM #18H	03/30/2015	240.6100	327.0000	720.0000
BOSE IKARD 4 ST COM #18H	03/29/2015	238.5200	315.0000	695.0000
BOSE IKARD 4 ST COM #18H	03/28/2015	245.4900	315.0000	728.0000
BOSE IKARD 4 ST COM #18H	03/27/2015	243.5000	314.0000	759.0000
BOSE IKARD 4 ST COM #18H	03/26/2015	238.5200	324.0000	755.0000
BOSE IKARD 4 ST COM #18H	03/25/2015	267.8000	338.0000	786.0000
BOSE IKARD 4 ST COM #18H	03/24/2015	260.1900	355.0000	850.0000
BOSE IKARD 4 ST COM #18H	03/23/2015	234.3300	321.0000	806.0000
BOSE IKARD 4 ST COM #18H	03/22/2015	222.4800	313.0000	821.0000
BOSE IKARD 4 ST COM #18H	03/21/2015	216.9600	303.0000	824.0000
BOSE IKARD 4 ST COM #18H	03/20/2015	196.6700	282.0000	825.0000
BOSE IKARD 4 ST COM #18H	03/19/2015	223.8800	308.0000	868.0000
BOSE IKARD 4 ST COM #18H	03/18/2015	195.2800	283.0000	872.0000
BOSE IKARD 4 ST COM #18H	03/17/2015	190.5400	277.0000	885.0000
BOSE IKARD 4 ST COM #18H	03/16/2015	184.1200	281.0000	940.0000
BOSE IKARD 4 ST COM #18H	03/15/2015	189.9500	271.0000	989.0000
BOSE IKARD 4 ST COM #18H	03/14/2015	178.5400	289.0000	1,121.0000
BOSE IKARD 4 ST COM #18H	03/13/2015	142.2800	264.0000	1,228.0000
BOSE IKARD 4 ST COM #18H	03/12/2015	94.9000	220.0000	1,401.0000
BOSE IKARD 4 ST COM #18H	03/11/2015	87.8700	256.0000	1,706.0000
BOSE IKARD 4 ST COM #18H	03/10/2015	142.2800	109.0000	1,251.0000
BOSE IKARD 4 ST COM #18H	03/09/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	03/08/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	03/07/2015	36.2600	12.0000	325.0000
BOSE IKARD 4 ST COM #18H	03/06/2015	47.4800	16.0000	411.0000
BOSE IKARD 4 ST COM #18H	03/05/2015	81.1000	155.0000	718.0000
BOSE IKARD 4 ST COM #18H	03/04/2015	198.0600	429.0000	2,000.0000
BOSE IKARD 4 ST COM #18H	03/03/2015	100.4300	404.0000	1,917.0000
BOSE IKARD 4 ST COM #18H	03/02/2015	69.8200	109.0000	1,590.0000
BOSE IKARD 4 ST COM #18H	03/01/2015	55.9300	154.0000	1,451.0000
Monthly Average:		163.9300	247.8710	935.5484
BOSE IKARD 4 ST COM #18H	02/28/2015	16.7800	92.0000	1,680.0000
BOSE IKARD 4 ST COM #18H	02/27/2015	0.0000	84.0000	1,974.0000
BOSE IKARD 4 ST COM #18H	02/26/2015	0.0000	22.0000	1,123.0000
BOSE IKARD 4 ST COM #18H	02/25/2015	0.0000	0.0000	2,418.0000
BOSE IKARD 4 ST COM #18H	02/24/2015	0.0000	0.0000	2,443.0000
BOSE IKARD 4 ST COM #18H	02/23/2015	0.0000	0.0000	2,524.0000
BOSE IKARD 4 ST COM #18H	02/22/2015	0.0000	0.0000	2,565.0000
BOSE IKARD 4 ST COM #18H	02/21/2015	0.0000	0.0000	2,585.0000
BOSE IKARD 4 ST COM #18H	02/20/2015	0.0000	0.0000	2,280.0000
BOSE IKARD 4 ST COM #18H	02/19/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/18/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/17/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/16/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/15/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/14/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/13/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/12/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/11/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/10/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/09/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/08/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/07/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/06/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/05/2015	0.0000	0.0000	0.0000

Bose Ikard 4 State Com 18H
Production Data

BOSE IKARD 4 ST COM #18H	02/04/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/03/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/02/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 ST COM #18H	02/01/2015	0.0000	0.0000	0.0000
Monthly Average:		0.5993	7.0714	699.7143

Hung on: 2/19/15
1st Prod: 2/26/15

Bose Ikard 4 State Com 27H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
BOSE IKARD 4 STATE COM #27H	09/30/2015	55.5900	70.9400	131.5700
BOSE IKARD 4 STATE COM #27H	09/29/2015	50.9900	88.9600	146.8800
BOSE IKARD 4 STATE COM #27H	09/28/2015	48.0700	60.8100	152.3700
BOSE IKARD 4 STATE COM #27H	09/27/2015	49.9700	72.4200	143.9800
BOSE IKARD 4 STATE COM #27H	09/26/2015	49.3100	69.0000	138.9900
BOSE IKARD 4 STATE COM #27H	09/25/2015	52.6000	73.3700	157.7600
BOSE IKARD 4 STATE COM #27H	09/24/2015	39.0000	95.0000	139.0000
BOSE IKARD 4 STATE COM #27H	09/23/2015	55.4800	134.0000	177.0000
BOSE IKARD 4 STATE COM #27H	09/22/2015	43.1900	87.1100	137.9800
BOSE IKARD 4 STATE COM #27H	09/21/2015	44.9900	90.7400	147.4000
BOSE IKARD 4 STATE COM #27H	09/20/2015	45.4400	96.1900	132.6600
BOSE IKARD 4 STATE COM #27H	09/19/2015	48.5600	115.8900	148.6300
BOSE IKARD 4 STATE COM #27H	09/18/2015	45.9000	111.4800	156.8200
BOSE IKARD 4 STATE COM #27H	09/17/2015	51.1100	112.0000	156.0000
BOSE IKARD 4 STATE COM #27H	09/16/2015	45.7400	93.0000	145.0000
BOSE IKARD 4 STATE COM #27H	09/15/2015	41.2000	101.0000	161.0000
BOSE IKARD 4 STATE COM #27H	09/14/2015	45.1300	102.0000	160.0000
BOSE IKARD 4 STATE COM #27H	09/13/2015	45.8700	110.0000	160.0000
BOSE IKARD 4 STATE COM #27H	09/12/2015	46.0400	99.0000	168.0000
BOSE IKARD 4 STATE COM #27H	09/11/2015	46.9200	95.0000	169.0000
BOSE IKARD 4 STATE COM #27H	09/10/2015	48.0800	86.0000	165.0000
BOSE IKARD 4 STATE COM #27H	09/09/2015	43.4300	41.0000	118.0000
BOSE IKARD 4 STATE COM #27H	09/08/2015	53.8600	26.0000	106.0000
BOSE IKARD 4 STATE COM #27H	09/07/2015	70.6800	104.0000	134.0000
BOSE IKARD 4 STATE COM #27H	09/06/2015	51.9500	93.0000	166.0000
BOSE IKARD 4 STATE COM #27H	09/05/2015	72.1700	92.0000	268.0000
BOSE IKARD 4 STATE COM #27H	09/04/2015	8.9600	0.0000	156.8300
BOSE IKARD 4 STATE COM #27H	09/03/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #27H	09/02/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #27H	09/01/2015	0.0000	0.0000	0.0000
Monthly Average:		43.3410	77.3303	138.1290
BOSE IKARD 4 STATE COM #27H	08/31/2015	6.4500	48.7400	34.9200
BOSE IKARD 4 STATE COM #27H	08/30/2015	11.5800	86.8300	73.3200
BOSE IKARD 4 STATE COM #27H	08/29/2015	10.9300	82.7000	73.7600
BOSE IKARD 4 STATE COM #27H	08/28/2015	8.5600	129.7800	115.6000
BOSE IKARD 4 STATE COM #27H	08/27/2015	12.9600	141.0000	119.0000
BOSE IKARD 4 STATE COM #27H	08/26/2015	75.9900	340.0000	231.0000
BOSE IKARD 4 STATE COM #27H	08/25/2015	74.0500	333.0000	243.0000
BOSE IKARD 4 STATE COM #27H	08/24/2015	76.8800	334.0000	246.0000
BOSE IKARD 4 STATE COM #27H	08/23/2015	75.8200	318.0000	210.0000
BOSE IKARD 4 STATE COM #27H	08/22/2015	89.4100	322.0000	242.0000
BOSE IKARD 4 STATE COM #27H	08/21/2015	82.2300	310.0000	194.0000
BOSE IKARD 4 STATE COM #27H	08/20/2015	76.3300	314.0000	226.0000
BOSE IKARD 4 STATE COM #27H	08/19/2015	68.9000	354.0000	239.0000
BOSE IKARD 4 STATE COM #27H	08/18/2015	84.1200	371.0000	237.8600
BOSE IKARD 4 STATE COM #27H	08/17/2015	79.2200	377.0000	262.0000
BOSE IKARD 4 STATE COM #27H	08/16/2015	83.9200	339.0000	257.0000
BOSE IKARD 4 STATE COM #27H	08/15/2015	74.3300	360.0000	237.7000
BOSE IKARD 4 STATE COM #27H	08/14/2015	88.9300	356.0000	262.0000
BOSE IKARD 4 STATE COM #27H	08/13/2015	78.9600	338.0000	246.0000
BOSE IKARD 4 STATE COM #27H	08/12/2015	100.1900	370.0000	316.6600
BOSE IKARD 4 STATE COM #27H	08/11/2015	59.9300	231.3000	152.0400
BOSE IKARD 4 STATE COM #27H	08/10/2015	83.7700	301.4300	260.9100
BOSE IKARD 4 STATE COM #27H	08/09/2015	91.1400	250.0000	258.0000
BOSE IKARD 4 STATE COM #27H	08/08/2015	109.6400	438.7300	256.5300
BOSE IKARD 4 STATE COM #27H	08/07/2015	106.5100	449.8300	259.9100
BOSE IKARD 4 STATE COM #27H	08/06/2015	111.8300	461.8700	275.7000
BOSE IKARD 4 STATE COM #27H	08/05/2015	106.6500	436.8700	266.1200
BOSE IKARD 4 STATE COM #27H	08/04/2015	105.2300	424.8400	261.0400
BOSE IKARD 4 STATE COM #27H	08/03/2015	101.1800	398.0000	243.0000

Bose Ikard 4 State Com 27H
Production Data

BOSE IKARD 4 STATE COM #27H	08/02/2015	96.3700	396.0000	260.0000
BOSE IKARD 4 STATE COM #27H	08/01/2015	96.0900	405.0000	258.0000
Monthly Average:		75.1000	316.7394	219.9377
BOSE IKARD 4 STATE COM #27H	07/31/2015	98.8300	377.0000	259.0000
BOSE IKARD 4 STATE COM #27H	07/30/2015	94.8400	395.0000	268.0000
BOSE IKARD 4 STATE COM #27H	07/29/2015	92.4700	382.0000	250.0000
BOSE IKARD 4 STATE COM #27H	07/28/2015	68.1200	167.0000	211.0000
BOSE IKARD 4 STATE COM #27H	07/27/2015	128.2300	386.4400	322.2700
BOSE IKARD 4 STATE COM #27H	07/26/2015	74.6100	149.8000	154.6400
BOSE IKARD 4 STATE COM #27H	07/25/2015	113.6300	290.9900	269.2200
BOSE IKARD 4 STATE COM #27H	07/24/2015	116.8300	281.7100	281.0700
BOSE IKARD 4 STATE COM #27H	07/23/2015	106.9800	285.0200	285.5800
BOSE IKARD 4 STATE COM #27H	07/22/2015	116.5300	277.7300	279.3700
BOSE IKARD 4 STATE COM #27H	07/21/2015	118.0200	279.7200	278.2500
BOSE IKARD 4 STATE COM #27H	07/20/2015	107.2400	279.7200	275.9900
BOSE IKARD 4 STATE COM #27H	07/19/2015	117.4800	298.9400	314.9300
BOSE IKARD 4 STATE COM #27H	07/18/2015	132.0300	309.5500	279.9400
BOSE IKARD 4 STATE COM #27H	07/17/2015	93.8600	235.9700	197.5400
BOSE IKARD 4 STATE COM #27H	07/16/2015	123.9900	331.4200	318.3200
BOSE IKARD 4 STATE COM #27H	07/15/2015	118.8500	289.0000	298.0000
BOSE IKARD 4 STATE COM #27H	07/14/2015	96.2300	400.3300	390.3000
BOSE IKARD 4 STATE COM #27H	07/13/2015	93.6900	383.0000	376.0000
BOSE IKARD 4 STATE COM #27H	07/12/2015	98.6100	388.0000	380.0000
BOSE IKARD 4 STATE COM #27H	07/11/2015	107.7400	398.0000	360.0000
BOSE IKARD 4 STATE COM #27H	07/10/2015	120.4000	365.0000	368.0000
BOSE IKARD 4 STATE COM #27H	07/09/2015	117.0800	414.0000	411.0000
BOSE IKARD 4 STATE COM #27H	07/08/2015	102.1100	379.0000	363.0000
BOSE IKARD 4 STATE COM #27H	07/07/2015	122.4300	419.0000	450.0000
BOSE IKARD 4 STATE COM #27H	07/06/2015	130.0700	373.0000	386.0000
BOSE IKARD 4 STATE COM #27H	07/05/2015	115.7100	418.0000	451.0000
BOSE IKARD 4 STATE COM #27H	07/04/2015	107.0500	393.0000	433.0000
BOSE IKARD 4 STATE COM #27H	07/03/2015	192.3400	478.5500	503.7300
BOSE IKARD 4 STATE COM #27H	07/02/2015	177.3100	377.0000	401.0000
BOSE IKARD 4 STATE COM #27H	07/01/2015	133.9100	352.9700	358.3100
Monthly Average:		114.1039	340.5116	328.2084
BOSE IKARD 4 STATE COM #27H	06/30/2015	144.3400	411.0000	480.0000
BOSE IKARD 4 STATE COM #27H	06/29/2015	129.9500	368.0000	429.0000
BOSE IKARD 4 STATE COM #27H	06/28/2015	140.2100	396.0000	522.0000
BOSE IKARD 4 STATE COM #27H	06/27/2015	143.8200	429.0000	465.0000
BOSE IKARD 4 STATE COM #27H	06/26/2015	168.3700	412.0000	524.0000
BOSE IKARD 4 STATE COM #27H	06/25/2015	123.5300	417.0000	541.0000
BOSE IKARD 4 STATE COM #27H	06/24/2015	131.7600	371.0000	538.0000
BOSE IKARD 4 STATE COM #27H	06/23/2015	162.0500	413.0000	608.0000
BOSE IKARD 4 STATE COM #27H	06/22/2015	159.7600	403.0000	594.0000
BOSE IKARD 4 STATE COM #27H	06/21/2015	165.2200	341.0000	605.0000
BOSE IKARD 4 STATE COM #27H	06/20/2015	154.6700	358.0000	642.0000
BOSE IKARD 4 STATE COM #27H	06/19/2015	197.8600	375.0000	662.0000
BOSE IKARD 4 STATE COM #27H	06/18/2015	176.1600	362.0000	662.0000
BOSE IKARD 4 STATE COM #27H	06/17/2015	192.2200	376.0000	734.0000
BOSE IKARD 4 STATE COM #27H	06/16/2015	259.7100	380.0000	782.0000
BOSE IKARD 4 STATE COM #27H	06/15/2015	100.2600	428.0000	829.0000
BOSE IKARD 4 STATE COM #27H	06/14/2015	173.2800	285.0000	722.0000
BOSE IKARD 4 STATE COM #27H	06/13/2015	209.6900	408.0000	873.0000
BOSE IKARD 4 STATE COM #27H	06/12/2015	202.4800	391.0000	902.0000
BOSE IKARD 4 STATE COM #27H	06/11/2015	230.8000	455.0000	1,038.0000
BOSE IKARD 4 STATE COM #27H	06/10/2015	225.4600	399.0000	1,015.0000
BOSE IKARD 4 STATE COM #27H	06/09/2015	187.0100	323.0000	1,068.0000
BOSE IKARD 4 STATE COM #27H	06/08/2015	222.5100	322.0000	1,442.0000
BOSE IKARD 4 STATE COM #27H	06/07/2015	136.1900	126.0000	1,516.0000
BOSE IKARD 4 STATE COM #27H	06/06/2015	0.0000	0.0000	2,038.5400
BOSE IKARD 4 STATE COM #27H	06/05/2015	0.0000	0.0000	1,039.0000

Bose Ikard 4 State Com 27H
Production Data

BOSE IKARD 4 STATE COM #27H	06/04/2015	0.0000	0.0000	2,022.0000
BOSE IKARD 4 STATE COM #27H	06/03/2015	0.0000	0.0000	1,634.0000
BOSE IKARD 4 STATE COM #27H	06/02/2015	0.0000	0.0000	0.0000
BOSE IKARD 4 STATE COM #27H	06/01/2015	0.0000	0.0000	0.0000
Monthly Average:		137.9103	298.3000	830.8847

Hung on: 6/3/15
1st Prod: 6/7/15

LEGAL NOTICE

COG Operating, LLC is applying to surface commingle six oil wells to a central tank battery in Eddy County, New Mexico. The central tank battery is located at the Bose Ikard 4 State Com #18H well. The six wells, details, and locations are the following:

Bose Ikard 4 State Com 12H, located in the northwest quarter of section 4, T17S, R29E, Lot 4, 750' FNL & 150' FWL, API# 30-015-43032.

Bose Ikard 4 State Com 15H, located in the southwest quarter of section 4, T17S, R29E, Unit L, 2140' FSL & 150' FWL, API# 30-015-43033.

Bose Ikard 4 State Com 16H, located in the southwest quarter of section 4, T17S, R29E, Unit L, 1730' FSL & 330' FWL, API# 30-015-42884.

Bose Ikard 4 State Com 18H, located in the southwest quarter of section 4, T17S, R29E, Unit M, 330' FSL & 330' FWL, API# 30-015-42404.

Bose Ikard 4 State Com 25H, located in the southwest quarter of section 4, T17S, R29E, Unit L, 2310' FSL & 330' FWL, API# 30-015-42885.

Bose Ikard 4 State Com 27H, located in the southwest quarter of section 4, T17S, R29E, Unit P, 990' FSL & 330' FWL, API# 30-015-42785.

Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 20 days. Additional information can be obtained by contacting Kanicia Castillo, COG Operating LLC, One Concho Center, 600 W Illinois Ave, Midland, TX 79701. Phone number is 432-685-4332.

Published in the Artesia Daily Press, Artesia, N.M., Nov.22, 2015 Legal No. 23737.

11/17/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to CAROLE JEAN BRANDON 8651 ATLAS VIEN DRIVE SANTEE CA 92071 GC: 91 7199 9991 7036 0800 2161
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to Chevron U.S.A. Inc. PO. Box 2100 Houston, TX 77252 Attn: NOJV Manager GC: 91 7199 9991 7036 0800 2154
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to COMMISSIONER OF PUBLIC LANDS NEW MEXICO STATE LAND OFFICE 310 OLD SANTA FE TRAIL SANTA FE, NM 87501 GC: 91 7199 9991 7036 0800 2147
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to FREE RIDE LLC PO BOX 429 ROSWELL NM 88202 GC: 91 7199 9991 7036 0800 2130
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to GAYLE SMITH 9430 MANOR DRIVE LA MESA CA 91942 GC: 91 7199 9991 7036 0800 2123
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to JAMES H GARNER PO BOX 841 LOVINGTON NM 88260 GC: 91 7199 9991 7036 0800 2116
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to LAURA SUZANNE JONES 10259 PRINCESS SARIT WAY SANTEE CA 92071 GC: 91 7199 9991 7036 0800 2093
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to MONICA GERISH 187 ADOMEIT HENDERSON NV 89074 GC: 91 7199 9991 7036 0800 2086
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to PAUL SLAYTON P O BOX 2035 ROSWELL NM 88202-0000 GC: 91 7199 9991 7036 0800 2079
11/18/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to RICHARD WOLCOTT 8141 CALLE FANITA SANTEE CA 92071 GC: 91 7199 9991 7036 0800 2062
11/19/2015	TC	Commingle Notice w/C-107B & Bty Diagram	Bose I kard 4 State Com 18H CTB	Sent Certified Mail to SCHUYLER M PAULSON 1743 NAVARRE LANE HENDERSON NV 89014 GC: 91 7199 9991 7036 0800 2055



REC'D 11 00D

Aubrey Dunn
COMMISSIONER

2015 DEC 10 *State of New Mexico*
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

www.nmstatelands.org

November 21, 2015

COG Operating LLC
One Concho Center
600 West Illinois Ave.
Midland, Texas 79701

Attention: Ms. Kanicia Castillo

Re: Request to Surface Commingle
Bose Ikard 4 State Com 18H Central Tank Battery API 30-015-42404 Sec 04-17S-29E
Bose Ikard 4 State Com 12H API 30-015-43032
Bose Ikard 4 State Com 15H API 30-015-43033
Bose Ikard 4 State Com 16H API 30-015-43884
Bose Ikard 4 State Com 18H API 30-015-42404
Bose Ikard 4 State Com 25H API 30-015-42885
Bose Ikard 4 State Com 27H API 30-015-42785
Empire;Glorieta-Yeso, East Pool (96610)
Eddy County, New Mexico

Dear Ms. Castillo:

We are in receipt of your application requesting to surface commingle production from the above captioned wells.

Since it appears that all the New Mexico Oil Conservation Division's rules and regulations have been complied with, and there will be no loss of revenue to the State of New Mexico as a result of your proposed operation, your request is hereby approved. Our approval is subject to like approval by the New Mexico Oil Conservation Division. Please submit a copy of the NMOCD's approval to this office.

Our approval does not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

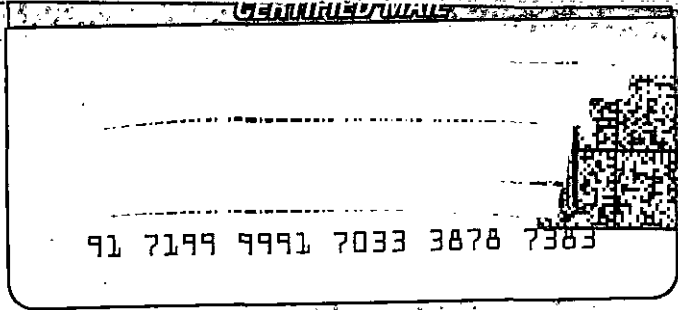
Please submit a \$30.00 dollar filing fee. When you provide a check as payment, you authorize the State of New Mexico to either use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

AUBREY DUNN
COMMISSIONER OF PUBLIC LANDS

AD/sk
cc: Reader File,
OCD-Daniel Sanchez



U.S. PO
ZIP 797
02 1W
000139

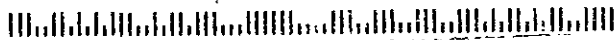


One Concho Center
600 West Illinois Avenue
Midland, Texas 79701

Spring Energy Company, Inc.
3100 Woodridge Lane

NIXIE 797621087-1N 10/16/15

RETURN TO SENDER
UNABLE TO FORWARD
UNABLE TO FORWARD
RETURN TO SENDER



TR.O

