

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

- NSP
 - CDG operations LLC
 229137

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

well
 - Beech 25 Fed
 10H

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

30-015-42363

- [D] Other: Specify _____

- Beech 25 Fed

[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

11H
 30-015-43176
 - Beech 25 Fed
 12H
 30-015-43181
 - Beech 25 Fed
 9H
 30-025-40200

[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.

Robyn M. Russell
 Print or Type Name

Robyn M. Russell
 Signature

Regulatory Analyst
 Title

10/31/12
 Date

(432) 685-4385
 Phone Number

Russell@concho.com
 E-mail Address



October 31, 2016

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

RE: **Beech 25 Federal 9H, 10H, 11H, 12H NSP**

To Whom It May Concern,

COG Operating LLC respectfully requests approval of a non-standard project area for the following wells:

Beech 25 Federal #9H - API# 3001540208 ✓
SHL: 990 FSL 180 FWL, UL M, Sec 25, T17S, R27E
BHL: 927 FSL 1671 FEL, UL O, Sec 25, T17S, R27E

Beech 25 Federal #10H - API# 3001542363
SHL: 110 FSL 240 FWL, UL M, Sec 25, T17S, R27E
BHL: 381 FSL 1674 FEL, UL O, Sec 25, T17S, R27E

Beech 25 Federal #11H - API# 3001543176
SHL: 581 FSL 237 FWL, UL M, Sec 25, T17S, R27E
BHL: 905 FSL 1710 FEL, UL O, Sec 25, T17S, R27E

Beech 25 Federal #12H - API# 3001543181
SHL: 481 FSL 237 FWL, UL M, Sec 25, T17S, R27E
BHL: 330 FSL 1654 FEL, UL O, Sec 25, T17S, R27E

This project area is requested due to COG's lease not covering a standard project area when drilling horizontally in a west/east orientation. Additionally, there are vertical wells producing from the Yeso in UL P, Sec 25, T17S, R27E.

Vanguard Operating LLC is the operator of the Yeso wells in UL P and has been sent notification, certified mail # 91 7199 9991 7035 3278 4911

Please contact me should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Robyn Russell".

Robyn Russell
Regulatory Analyst
COG Operating, LLC
(432) 685-4385
Russell@concho.com

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, 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 30-015-40208 | Pool Code 96836 | Pool Name Red Lake; Glorieta-Yeso, Northeast |
| Property Code 40314 | Property Name BEECH 25 FEDERAL | |
| OGRID No. 229137 | Operator Name COG OPERATING, LLC | |
| | | Well Number 9H |
| | | Elevation 3586' |

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 | 25 | 17-S | 27-E | | 990 | SOUTH | 180 | 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O | 25 | 17-S | 27-E | | 927 | SOUTH | 1671 | EAST | EDDY |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 120 | | | |

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

DETAIL

3578.8' 3589.1'

600'

3578.6' 3593.6'

CORNER COORDINATES TABLE

A - Y=655275.7 N, X=528582.3 E

B - Y=655249.9 N, X=532549.1 E

C - Y=653959.0 N, X=528584.2 E

D - Y=653929.8 N, X=532555.6 E

**GEODETIC COORDINATES
NAD 27 NME**

SURFACE LOCATION
Y=654947.5 N
X=528762.7 E

LAT. = 32.800505° N
LONG. = 104.239726° W

BOTTOM HOLE LOCATION
Y=654922.0 N
X=532223.9 E

GRID AZ. = 90°25'22"
HORZ. DIST. = 3462.2'

S.L. SEE DETAIL 180' 1671' 990' 927'

OPERATOR CERTIFICATION

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

[Signature] 10/18/16
Signature Date

Robyn M. Russell
Printed Name

Russell@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.

AUGUST 9, 2012
Date of Survey

Signature & Seal of Professional Surveyor:

REG. NO. 3289 8/18/2013

Certification Number Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK REV: 7/18/13 OIL CONSERVATION DIVISION WSC W.O.: 12.11.1431

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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

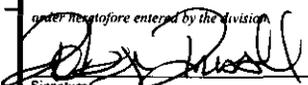
Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

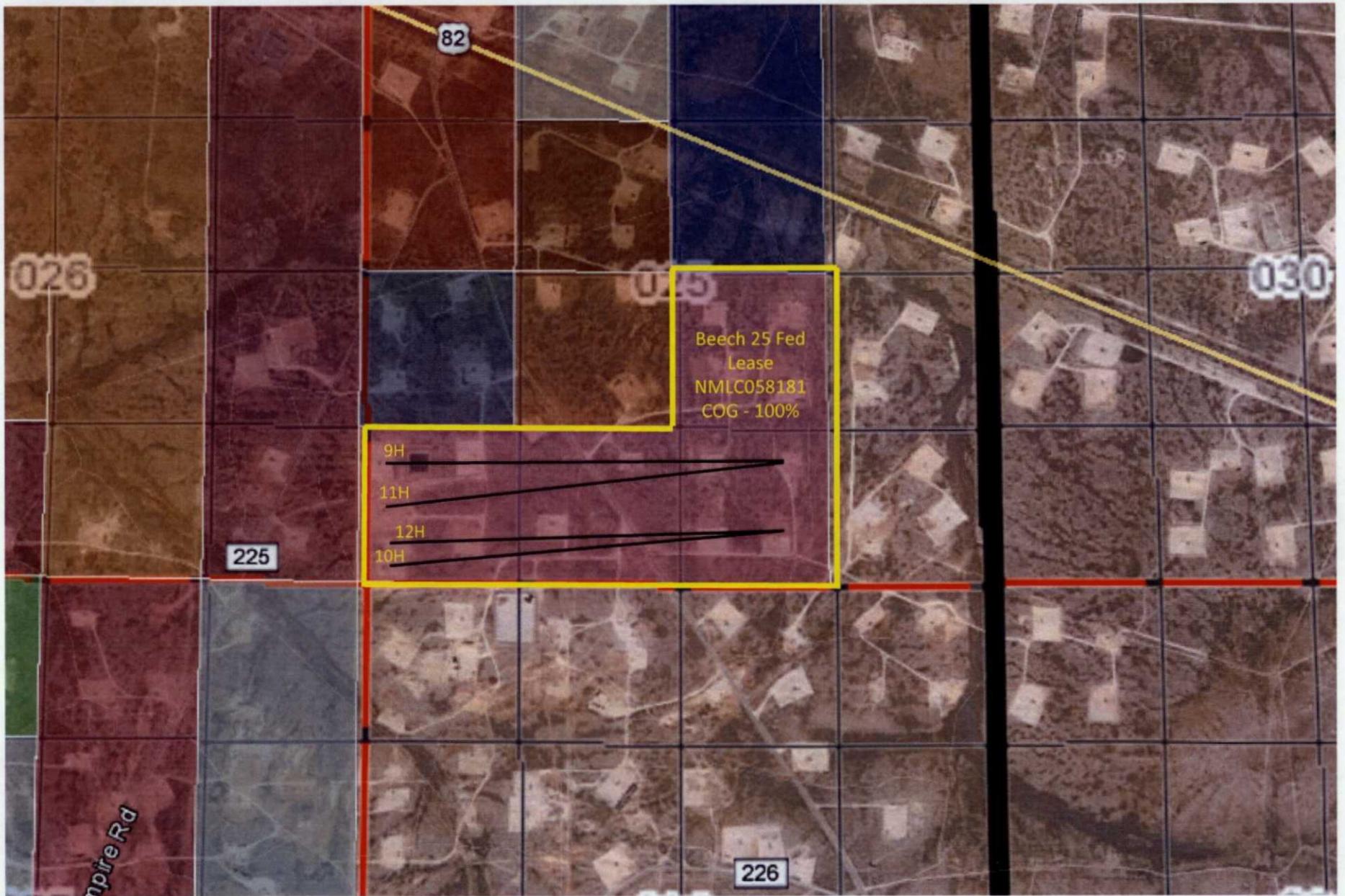
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | | | | | |
|--|-------------------------------|--|-------------------------|--|----------------------|---------------------------|-----------------------|---------------------------------|----------------|
| ¹ API Number 30-015-43181 | | ² Pool Code 96836 | | ³ Pool Name Red Lake; Glorieta-Yeso, Northeast | | | | | |
| ⁴ Property Code 40314 | | ⁵ Property Name BEECH 25 FEDERAL | | | | | | ⁶ Well Number 12H | |
| ⁷ GRID NO. 229137 | | ⁸ Operator Name COG OPERATING, LLC | | | | | | ⁹ Elevation 3586' | |
| ¹⁰ Surface Location | | | | | | | | | |
| UL or lot no. M | Section 25 | Township 17-S | Range 27-E | Lot Idn | Feet from the 481 | North/South line SOUTH | Feet From the 237 | East/West line WEST | County EDDY |
| ¹¹ Bottom Hole Location If Different From Surface | | | | | | | | | |
| UL or lot no. 0 | Section 25 | Township 17-S | Range 27-E | Lot Idn | Feet from the 330 | North/South line SOUTH | Feet from the 1654 | East/West line EAST | County EDDY |
| ¹² Dedicated Acres 1.20 | 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.

| | |
|---|---|
| <p>¹⁶ (C)</p> <p style="text-align: center;">(D)</p> <p style="text-align: center;">GEODETTIC DATA NAD 27 GRID - NM EAST</p> <p style="text-align: center;">SURFACE LOCATION N 654438.4 E 528820.4 LAT: 32.79910551° N LONG: 104.23954028° W</p> <p style="text-align: center;">BOTTOM LOCATION N 654262.1 E 532224.1 LAT: 32.79861221° N LONG: 104.22846374° W</p> <p style="text-align: center;">CORNER DATA NAD 27 GRID - NM EAST</p> <p>A: FND BRASS CAP 1941 N 653959.1 - E 528584.1</p> <p>B: FND BRASS CAP 1941 N 656592.2 - E 528580.3</p> <p>C: FND BRASS CAP 1941 N 659226.8 - E 528576.8</p> <p>D: FND BRASS CAP 1941 N 659215.4 - E 531211.7</p> <p>E: FND BRASS CAP 1941 N 659203.3 - E 533847.5</p> <p>F: FND BRASS CAP 1941 N 656562.0 - E 533864.0</p> <p>G: FND BRASS CAP 1941 N 653920.5 - E 533879.3</p> <p>H: FND BRASS CAP 1941 N 653939.2 - E 531231.9</p> | <p style="text-align: center;">(E)</p> <p style="text-align: center;">¹⁷ OPERATOR CERTIFICATION</p> <p><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 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 agreement entered by the division.</i></p> <p style="text-align: right;">  Signature _____ Date 10/18/16 Printed Name Robyn M. Russell E-mail Address Russell@concho.com </p> |
| | |





October 20, 2016

Vanguard Operating, LLC
5847 San Felipe, Suite 3000
Houston, TX 77057

**RE: Designation of a Non-Standard Project area by COG Operating LLC
Eddy County, New Mexico**

To Whom It May Concern,

This letter is to advise you that COG Operating LLC has filed the enclosed Well Dedication and Acreage Plats (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard project area in Section 25, T17S, R27E, Eddy County, New Mexico.

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. If no objection has been made within the 20-day period, the Division may approve the application.

Please contact me should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Robyn Russell".

Robyn Russell
Regulatory Analyst
COG Operating, LLC
(432) 685-4385
Rrussell@concho.com

| SENDER: COMPLETE THIS SECTION | COMPLETE THIS SECTION ON DELIVERY |
|---|--|
| <input type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. <input type="checkbox"/> Print your name and address on the reverse so that we can return the card to you. <input type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits. | A. Signature <input checked="" type="checkbox"/>  <input type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery |
| 1. Article Addressed to: Vanguard Operating, LLC 5847 San Felipe, Suite 3000 Houston, TX 77057 | D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes |
| 2. Article Number (Transfer from service label) | 91 7199 9991 7035 3278 4911 |
| PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540 | |

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COG Operating LLC
 600 W. Illinois Ave.
 Midland, TX 79701-4882

Attn: Robyn Russell *TRR*

1-488200