

RECEIVED: 7/3/17	REVIEWER: LRL	TYPE: NSL	APP NO: PLEL1718457695
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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



NSL-7558

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: COG Operating LLC	OGRID Number: 229137
Well Name: Branex-COG Federal Com #17H	API: 30-025-43743
Pool: Maljamar, Yeso, West	Pool Code: 44500

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.

Robyn Russell _____

Print or Type Name



 Signature

06/28/2017

 Date

(432) 685-4385

 Phone Number

Russell@concho.com

 e-mail Address



June 28, 2017

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

RE: Branex-COG Federal Com #17H NSL

To Whom It May Concern,

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

Branex-COG Federal Com #17H – API #3002543743
SHL: 990 FSL 25 FFL, UL P, Sec 8, T17S, R32E
BHL: 989 FSL 989 FWL, UL M, Sec 10, T17S, R32E
TVD: 5750'

The granting of this NSL will optimize the completed lateral length of this wellbore, reducing waste while protecting correlative rights, and improving well economics and increasing revenue to the State of New Mexico and the Federal Government.

COG Operating LLC is the Operator in Sections 9 & 10, T17S, R32E. Legacy Reserves Operating LP, as a non-operating working interest owner of the leasehold in Section 10, has been sent notification via certified mail. Copies of said mail have been attached to this 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
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, 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 30-025-43743		² Pool Code 44500		³ Pool Name Maljamar; Yeso, West	
⁴ Property Code 39744		⁵ Property Name BRANEX-COG FEDERAL COM			⁶ Well Number 17H
⁷ GRID NO. 229137		⁸ Operator Name COG OPERATING, LLC			⁹ Elevation 4055'

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
P	8	17S	32E		990	SOUTH	25	EAST	LEA

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
M	10	17S	32E		989	SOUTH	1310	WEST	LEA

¹² Dedicated Acres 200	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 GEODETTIC DATA NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION N: 671454.5 - E: 711232.8 LAT: 32.84463040° N LONG: 103.78013521° W</p> <p>BOTTOM HOLE N: 671475.9 - E: 717849.1 LAT: 32.84459200° N LONG: 103.75859231° W</p> <p>DETAIL "A"</p>	<p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1913" N: 670448.9 - E: 705989.6</p> <p>B: FOUND BRASS CAP "1913" N: 673083.7 - E: 705979.1</p> <p>C: FOUND 1-1/2" IRON PIPE N: 675723.3 - E: 705965.0</p> <p>D: FOUND PK NAIL N: 675742.1 - E: 711243.8</p> <p>E: CALCULATED CORNER N: 675762.5 - E: 716516.5</p> <p>F: FOUND 3/4" IRON PIPE N: 675765.5 - E: 719151.0</p> <p>G: FOUND BRASS CAP "1913" N: 675771.1 - E: 721786.3</p> <p>H: FOUND BRASS CAP "1913" N: 673135.6 - E: 721803.5</p> <p>I: FOUND BRASS CAP "1913" N: 670497.8 - E: 721816.9</p>	<p>J: FOUND BRASS CAP "1913" N: 670494.5 - E: 719183.8</p> <p>K: FOUND BRASS CAP "1913" N: 670479.9 - E: 716544.7</p> <p>L: FOUND 1" IRON PIPE N: 670472.2 - E: 713904.0</p> <p>M: FOUND BRASS CAP "1912" N: 670464.6 - E: 711264.7</p> <p>N: FOUND BRASS CAP "1912" N: 670454.6 - E: 708627.4</p> <p>O: FOUND BRASS CAP "1913" N: 673102.5 - E: 711246.5</p> <p>1: CALCULATED POINT N: 670459.6 - E: 709946.0</p> <p>2: CALCULATED POINT N: 671779.2 - E: 709940.5</p> <p>3: CALCULATED POINT N: 671804.6 - E: 717856.6</p> <p>4: CALCULATED POINT N: 670487.2 - E: 717864.3</p>	<p>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.</p> <p><i>[Signature]</i> 06/08/17 Signature Date Robyn M. Russell Printed Name Russell@concho.com E-mail Address</p> <p>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.</p> <p>4-29-2015 Date of Survey Signature and Seal of Professional Surveyor: <i>[Signature]</i> 19680 Certificate Number 6/7/17 - Rev BH</p>



Memorandum

**To: Leonard Lowe
Engineering Bureau
New Mexico Oil Conservation Division**

**From: Bryan Montgomery
Reservoir Engineering Supervisor, NM Shelf Team
COG Operating LLC**

Date: June 8, 2017

Subject: Branex-COG Federal Com #17H NSL Engineer Statement

COG Operating LLC (COG) is requesting a non-standard location exception (NSL) for this horizontal well to be able to access and drain Yeso reserves that would otherwise be left in the reservoir, thereby preventing waste of an economic resource. The Yeso is a very low permeability reservoir that does not sufficiently drain a great distance from wellbores and their hydraulic fractures. In addition, it would not be economical to try to access these reserves with a vertical well.

Branex-COG Federal Com #17H
Application for Non-Standard Location
Notification List

Tract	Date Sent	Notification Sent to:	Receipt No.
Tract 1		Legacy Reserves Operating L.P., 303 W. Wall St., Ste. 1400, Midland, TX 79701	91-7199-9991-7035-3278-4843
Tract 2 ←		Occidental Permian Limited Partnership, 5 East Greenway Plaza, Suite 110, Houston, TX 77046	91-7199-9991-7035-3278-4850



Sent Certified Mail
Receipt #: 91-7199-9991-7035-3278-4843

June 8, 2017

Legacy Reserves Operating L.P.
303 W. Wall St., Ste. 1400
Midland, TX 79701

RE: Designation of a Non-Standard Location by COG Operating LLC
Lea 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 Plat (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 9, T17S, R32E, Lea 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. Non response within the 20 day notice shall constitute an approval/waiver of protest to COG's non-standard location.

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

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Legacy Reserves Operating L.P.
303 W. Wall St., Ste. 1400
Midland, TX 79701

2. Article Number (Transfer from service label)

91 7199 9991 7035 3278 4843

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

[Signature]
 Agent
 Addressee
 Received by (Printed Name) *[Signature]*
 Date of Delivery *[Signature]*

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Return Receipt for Merchandise
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt



ONE-STOP MAIL CENTER
 600 W. HIGHTOWER BLVD
 MIDLAND, TX 79701



91 7199 9991 7035 3278 4843

Legacy Reserves Operating L.P.
303 W. Wall St., Ste. 1400
Midland, TX 79701

SENDER: COMPLETE THIS SECTION

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PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

[Signature]
 Agent
 Addressee
 Received by (Printed Name) *[Signature]*
 Date of Delivery *[Signature]*

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

RECEIVED
JUN 13 2017

3. Service Type
- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Priority Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Return Receipt for Merchandise
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt



Sent Certified Mail
Receipt #: 91-7199-9991-7035-3278-4850

June 8, 2017

**Occidental Permian Limited Partnership
5 East Greenway Plaza, Suite 110
Houston, TX 77046**

**RE: Designation of a Non-Standard Location by COG Operating LLC
Lea County, New Mexico**

To Whom It May Concern,

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Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. Non response within the 20 day notice shall constitute an approval/waiver of protest to COG's non-standard location.

Please contact me should you have any questions.

Sincerely,

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

Lowe, Leonard, EMNRD

From: Robyn Russell <Rrussell@concho.com>
Sent: Thursday, July 20, 2017 3:56 PM
To: Lowe, Leonard, EMNRD
Subject: RE: NSL for Branix-COG Federal Com No17H

Hey Leonard,

I don't know Legacy's interest in the whole of Section 10, but COG is the Operator of the entire West half of Section 10.

K & N are both in lease NMLC-064150 and COG is the Operator of this lease.

Thank you,

Robyn Russell
Regulatory Analyst
(432) 685-4385

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]
Sent: Thursday, July 20, 2017 4:34 PM
To: Robyn Russell
Subject: [External] NSL for Branix-COG Federal Com No17H

**** External email. Use caution. ****

Robyn Russell,

For the Well Indicated above.

Does Legacy Reserves Operating, LP state itself as a Non-Operating working interest in the entire Section 10?

Are there any Lesee's in units K & N of Section 10?

Further processing of this NSL application is dependent on your reply.

Leonard Lowe

Engineering Bureau
Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St. Frances
Santa Fe, New Mexico 87004
Office: 505-476-3492
Cell: 505-930-6717
Fax: 505-476-3462
E-mail: leonard.lowe@state.nm.us
Website: <http://www.emnrd.state.nm.us/ocd/>