

RECEIVED: 07/30/2018	REVIEWER:	TYPE: NSL	APP NO: PHAM1821334975
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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: COG Operating LLC	OGRID Number: 229137
Well Name: Dodd Federal Unit #983H	API: 30-015-44808
Pool: Dodd; Glorieta-Upper Yeso	Pool Code: 97917

**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

NSL-7743

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

☐

Notice Complete

☐

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

07/27/2018

Date

(432) 685-4385

Phone Number

Russell@concho.com

e-mail Address



July 26, 2018

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

RE: **Dodd Federal Unit #983H NSL**

To Whom It May Concern,

COG Operating LLC respectfully requests approval of a non-standard location for the following well(s):

Dodd Federal Unit #983H – API #30-015-44808
SHL: 2025 FNL 920 FWL, UL E, Sec 10, T17S, R29E
BHL: 2175 FNL 10 FEL, UL H, Sec 11, T17S, R29E
TVD: 4500'

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.

Attached to this application is a plat showing this well's location, an updated lease map and letters from the designated Landman and Engineer. COG Operating LLC owns 100% working interest and operates the offset leases in Sections 10, 11 & 12, T17S, R29E. No notices should be needed for this NSL application.

Please contact me should you have any questions.

Sincerely,

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 30-015-44808		² Pool Code 97917	³ Pool Name Dodd; Glorieta-Upper Yeso
⁴ Property Code 308195	⁵ Property Name DODD FEDERAL UNIT		⁶ Well Number 983H
⁷ GRID NO. 229137	⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 3578'

¹⁰ Surface Location

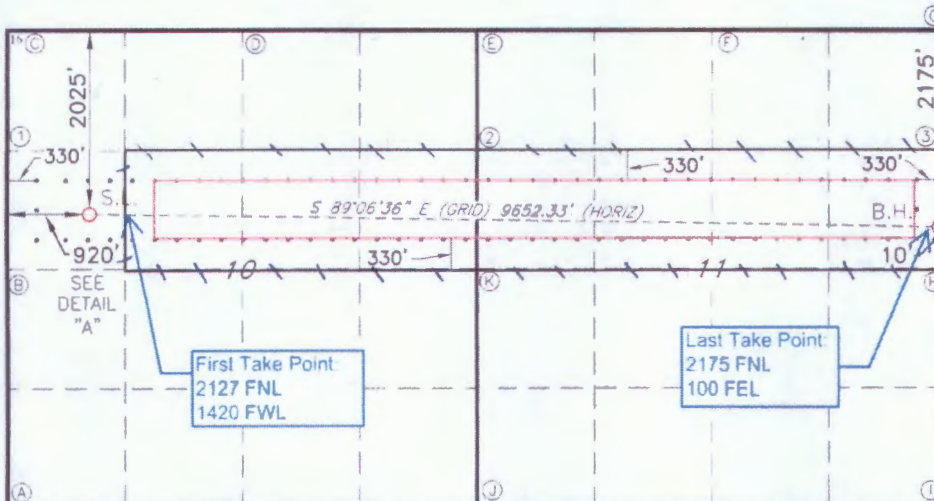
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	10	17S	29E		2025	NORTH	920	WEST	EDDY

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
H	11	17S	29E		2175	NORTH	10	EAST	EDDY

¹² Dedicated Acres 280	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.



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: *[Signature]* Date: **7/18/18**
Printed Name: **Robyn M. Russell**
E-mail Address: **Russell@concho.com**

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.

5/10/2018

Date of Survey

Signature and Seal of Professional Surveyor



19680
Certificate Number

GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION
N 673361.5 - E 622728.4

LAT. 32.8508140° N
LONG. 104.0682957° W

BOTTOM HOLE
N 673211.6 - E 632377.1

LAT. 32.8503315° N
LONG. 104.0368778° W

GEODETIC DATA
NAD 27 GRID - NM EAST

SURFACE LOCATION
N 673298.0 - E 581549.4

LAT. 32.8506989° N
LONG. 104.0677858° W

BOTTOM HOLE
N 673148.1 - E 591198.1

LAT. 32.8502161° N
LONG. 104.0363685° W

CORNER DATA

NAD 83 GRID - NM EAST

A. FOUND 1/2" REBAR
N 670102.9 - E 621822.7

B. FOUND BRASS CAP "1914"
N 672745.1 - E 621808.9

C. FOUND BRASS CAP "1914"
N 675385.4 - E 621807.5

D. FOUND BRASS CAP "1914"
N 675387.2 - E 624453.5

E. FOUND 1/2" REBAR
N 675393.5 - E 627091.5

F. FOUND BRASS CAP "1914"
N 675386.4 - E 629732.7

G. FOUND BRASS CAP "1914"
N 675386.0 - E 632379.4

H. FOUND 1" STEEL PIPE
N 672745.8 - E 632388.8

I. FOUND BRASS CAP "1914"
N 670105.4 - E 632395.3

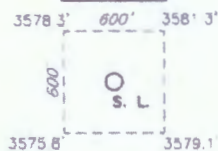
FND ALUMINUM CAP ILLEGABLE
N 670108.2 - E 627111.4

K. FOUND BRASS CAP "1914"
N 672752.3 - E 627098.9

CALCULATED POINTS

1. N 674065.3 - E 621808.2
2. N 674072.9 - E 627095.2
3. N 674065.9 - E 632384.1

DETAIL "A"





Memorandum

To: Leonard Lowe
Engineering Bureau
New Mexico Oil Conservation Division

From: Adam Reker
Landman New Mexico Shelf Team
COG Operating LLC

Date: June 12, 2018

Subject: Dodd Federal Unit #980H and #983H NSP Landman Statement

I, Adam Clay Reker, Landman for COG Operating LLC, have examined or have had title attorneys/contract land professionals examine the lands and leases associated with the Dodd Federal Unit #980H and #983H wells and their offsets.

COG's "Sidemarine" lease covers the W/2W/2 of Section 10 T17S-R29E of Eddy County, New Mexico. This lease is owned 100% by COG in the producing interval and is the offset to the "heel" of the Dodd Federal Unit #980H and #983H wells. This lease is being developed with North/South Laterals is why it is not being included in the spacing unit of the subject wells. This information was provided by a title attorney who rendered a title opinion covering the W/2W/2 of Section 10 dated 7/15/2013 (This interest has not changed since 2013 opinion was rendered). The aforementioned lease is Federal Lease USA LC-068722.

Date: 6/12/2018



Memorandum

To: Leonard Lowe
Engineering Bureau
New Mexico Oil Conservation Division

From: Adam Reker
Landman, New Mexico Shelf Team
COG Operating LLC

Date: June 12, 2018

Subject: Dodd Federal Unit #983H NSL Landman Statement

I, Adam Clay Reker, Landman for COG Operating LLC, have examined or have had title attorneys/contract land professionals examine the lands and leases associated with the Dodd Federal Unit # 983H well and its offsets:

COG's "Sam Adams" and "Sidemarine" leases cover the S/2NW/4 of Section 12, T17S-R29E of Eddy County New Mexico and the W/2W/2 of Section 10, T17S-R29E of Eddy County, New Mexico respectively. These leases are owned 100% by COG in the producing interval and are the offsets to the "heel" and the "toe" of the Dodd Federal Unit #983H. This information was provided by a title attorney who rendered a title opinion covering the S/2S/2 of Section 12 covering the "Sam Adams Lease" on 3/20/2015 (This interest has not changed since 2015 opinion was rendered). Additionally, our knowledge of the W/2W/2 of Section 10 was obtained via title opinion dated 7/15/2013 (This interest has not changed since 2015 opinion was rendered). These leases are Federal Leases USA LC-068722 and USA NM-123516.

Date: JUNE 13, 2018



Memorandum

To: Leonard Lowe
Engineering Bureau
New Mexico Oil Conservation Division

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

Date: July 24, 2018

Subject: Dodd Federal Unit #983H 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.

Sidemarine 10 Federal
 COG 100%
 NMLC-0068722

Dodd Federal Unit
 COG 100%
 NMNM-11789X

Webb Oil
 COG 100%
 NMNM-7752

Bureau of Land Management Texas Parks & Wildlife Eeri HERE Garmin INCREMENT 0