

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC
FOR COMPULSORY POOLING,
EDDY COUNTY, NEW MEXICO**

CASE NO. 23392

NOTICE OF SUPPLEMENTAL EXHIBITS

In accordance with the Division's request at the March 2, 2023, hearing in this matter, COG Operating LLC is providing a Compulsory Pooling Checklist and C-102 that have been updated with respect to the pool code.

Respectfully submitted,

HINKLE SHANOR, LLP

/s/ Dana S. Hardy

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Counsel for COG Operating LLC

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23392	APPLICANT'S RESPONSE
Date	March 2, 2023
Applicant	COG Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	OGRID No. 229137
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Application of COG Operating LLC for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	None
Well Family	Deerstalker
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfbone
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Wolfbone
Pool Name and Pool Code:	WC-025 G-09 S243532M; Wolfbone Pool (Code 98098)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	400.82
Building Blocks:	quarter-quarter
Orientation:	South/North
Description: TRS/County	E/2 SE/4 of Section 32, Township 24 South, Range 35 East, Lot 1, SE/4 NE/4, and E/2 SE/4 of irregular Section 5, Township 25 South, Range 35 East, and the E/2 E/2 of Section 8, Township 25 South, Range 35 East, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-4
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Deerstalker Federal Com #701H (API # ---) SHL: 683' FSL & 1530' FEL (Unit O), Section 8, T25S, R35E BHL: 2590' FSL & 990' FEL (Unit I), Section 32, T24S, R35E Completion Target: Wolfbone (Approx. 12,575' TVD)
Horizontal Well First and Last Take Points	Exhibit A-3
Completion Target (Formation, TVD and MD)	Exhibit A-5
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000.00
Production Supervision/Month \$	\$800.00

Justification for Supervision Costs <i>Received by OCD: 3/7/2023 2:14:42 PM</i>	Exhibit A	<i>Page 3 of 5</i>
Requested Risk Charge	200%	
Notice of Hearing		
Proposed Notice of Hearing	Exhibit A-2	
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-1, Exhibit C-2, Exhibit C-3	
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4	
Ownership Determination		
Land Ownership Schematic of the Spacing Unit	Exhibit A-4	
Tract List (including lease numbers and owners)	Exhibit A-4	
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A	
Pooled Parties (including ownership type)	Exhibit A-4	
Unlocatable Parties to be Pooled	N/A	
Ownership Depth Severance (including percentage above & below)	N/A	
Joinder		
Sample Copy of Proposal Letter	Exhibit A-5	
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-4	
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6	
Overhead Rates In Proposal Letter	Exhibit A-5	
Cost Estimate to Drill and Complete	Exhibit A-5	
Cost Estimate to Equip Well	Exhibit A-5	
Cost Estimate for Production Facilities	Exhibit A-5	
Geology		
Summary (including special considerations)	Exhibit B	
Spacing Unit Schematic	Exhibit B-1	
Gunbarrel/Lateral Trajectory Schematic	N/A	
Well Orientation (with rationale)	Exhibit B	
Target Formation	Exhibit B	
HSU Cross Section	Exhibit B-3	
Depth Severance Discussion	N/A	
Forms, Figures and Tables		
C-102	Exhibit A-3	
Tracts	Exhibit A-4	
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-4	
General Location Map (including basin)	Exhibit B-1	
Well Bore Location Map	Exhibit B-1	
Structure Contour Map - Subsea Depth	Exhibit B-2	
Cross Section Location Map (including wells)	Exhibit B-3	
Cross Section (including Landing Zone)	Exhibit B-4	
Additional Information		
Special Provisions/Stipulations	N/A	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.		

Printed Name (Attorney or Party Representative):	Dana S. Hardy	<i>Page 4 of 5</i>
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy	
Date:		3/7/2023

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
611 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
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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		Pool Code	Pool Name
		98098	WC-025 G-09 S243532M; Wolfbone Pool
Property Code	Property Name		Well Number
	DEERSTALKER FEDERAL COM		701H
OGRID No.	Operator Name		Elevation
229137	COG OPERATING, LLC		3273.0'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	8	25-S	35-E		683	SOUTH	1530	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	24-S	35-E		2590	SOUTH	990	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
400.82			

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

NAD 27 NME
PROPOSED BOTTOM HOLE LOCATION
Y=428216.7 N
X=793828.9 E
LAT.=32.173720° N
LONG.=103.383706° W

POINT LEGEND	
1	Y=425635.8 N X=794840.7 E
2	Y=422982.9 N X=794853.7 E
3	Y=420330.0 N X=794866.7 E
4	Y=417691.6 N X=794897.2 E
5	Y=415053.2 N X=794920.0 E
6	Y=415032.9 N X=792276.1 E
7	Y=420312.1 N X=792225.2 E
8	Y=425612.0 N X=792203.1 E
9	Y=428273.9 N X=794818.4 E

NAD 27 NME
SURFACE LOCATION
Y=415724.4 N
X=793384.2 E
LAT.=32.139394° N
LONG.=103.385499° W

Diagram details:
- Section 32, Section 5, Section 8, Section 6
- Lot 4 (40.48 Ac), Lot 3 (40.59 Ac), Lot 2 (40.66 Ac), Lot 1 (40.77 Ac)
- Well location points 1-5 with bearings and distances:
 - Point 1: 2540' FSL & 990' FEL, Y=428166.8 N, X=793829.3 E, LAT.=32.173583° N, LONG.=103.383706° W
 - Point 2: LEASE X-ING, LAT.= 32.166601° N, LONG.= 103.383716° W
 - Point 3: LEASE X-ING, LAT.= 32.152023° N, LONG.= 103.383736° W
 - Point 4: LEASE X-ING, LAT.= 32.144770° N, LONG.= 103.383745° W
 - Point 5: FTP, 100' FSL & 990' FEL, Y=415145.6 N, X=793929.1 E, LAT.=32.137790° N, LONG.=103.383755° W
- Distances: 990' 9", 2590', 1530', 683', 136'43"30"

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 _____ Date _____

Printed Name _____

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.

MARCH 30, 2021

Date of Survey _____

Signature & Seal of Professional Surveyor

Chad L. Harcrow 11/15/22

Certificate No. CHAD HARCROW 17777
W.O. # 22-1100 DRAWN BY: AH