

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 and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
Revised November 14, 2012

HOBBS OCD

AMENDED REPORT

DEC 17 2012

RECEIVED

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address COG Operating LLC 2208 West Main Street Artesia, NM 88210		2. OGRID Number 229137 30-025-40890	
3. Property Code 39597	4. Property Name Gunner 16 State SWD		5. Well No 1.

7. Surface Location

UL - Lot D	Section 16	Township 24N	Range 34E	Lot Idn	Feet from 330	N/S Line North	Feet From 330	E/W Line West	County Lea
---------------	---------------	-----------------	--------------	---------	------------------	-------------------	------------------	------------------	---------------

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
----------	---------	----------	-------	---------	-----------	----------	-----------	----------	--------

9. Pool Information

SWD; Delaware	Pool Name Bell Canyon - Cherry Canyon	Pool Code -96100 96802
---------------	--	---------------------------

Additional Well Information

11. Work Type New Well	12. Well Type SWD	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3342.2
16. Multiple N	17. Proposed Depth 7000	18. Formation Delaware	19. Contractor	20. Spud Date 12/18/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	600		
Intmrd	12.25	9.625	40	5280	1450	
Open Hole	8.75	7	26	7000	400	4780

Casing/Cement Program: Additional Comments

plan to drill a 17-1/2" hole to 875' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 5280' with Brine, and run 9-5/8", 40#, J55/N80 and cement to surface in 1 stage. Drill 8-3/4" hole to 7000' with cut-brine and run 7", 26#, J55 and tie back cement 500' into previous casing string.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☐ and/or 19.15.14.9 (B) NMAC ☐, if applicable.

Signature: Mayte Reyes

Printed name: Mayte Reyes

Title: Production Analyst

E-mail Address: mreyes1@concho.com

Date: 12/13/2012

Phone: 575-748-6945

OIL CONSERVATION DIVISION

Approved By: [Signature]

Petroleum Engineer

Title:

Approved Date:

Expiration Date:

Conditions of Approval Attached

DEC 20 2012

HOBBS OCD

HOBBS OCD

DISTRICT I  
1025 N. FRENCH DR., HOBBS, NM 88240

DEC 20 2012 State of New Mexico  
Energy, Minerals and Natural Resources Department

DEC 20 2012

Form C-102

Revised October 12, 2010

Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION  
RECEIVED

11885 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API Number <b>30-025-40890</b>	Pool Code <b>96802</b>	Pool Name <b>SWD; Bell Canyon - Cherry Canyon</b>
Property Code <b>39597</b>	Property Name <b>GUNNER 16 STATE SWD</b>	Well Number <b>1H</b>
OGRID No. <b>228137</b>	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3342.2'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>16</b>	<b>26-S</b>	<b>34-E</b>		<b>330</b>	<b>NORTH</b>	<b>330</b>	<b>WEST</b>	<b>LEA</b>

## 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
Dedicated Acres	Joint or Infill	Consolidation Code	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

	<p>NAD 27 SURFACE LOCATION Y=382833.3 N X=763818.9 E LAT.=32.049664° N LONG.=103.481844° W</p>				<p><b>OPERATOR CERTIFICATION</b></p> <p>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 royalty pooling agreement or a compulsory pooling order heretofore entered by the Division.</p> <p><i>[Signature]</i> 12-20-12 Signature Date</p> <p><i>Rand French</i> Printed Name</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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>OCTOBER 29, 2012 Date Surveyed</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p> Chad L. Harcrow 11/30/12</p> <p>Certificate No. CHAD HARCROW 17777 W.O. # 12-183 2012-037</p>				