

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-6720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720  
**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  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
August 1, 2011  
Permit 162871

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

1. Operator Name and Address COG OPERATING LLC One Concho Center Midland, TX 79701		2. OGRID Number 229137
		3. API Number 30-015-41141
4. Property Code 308169	5. Property Name SRO STATE UNIT	6. Well No. 043H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N S Line	Feet From	E W Line	County
D	17	26S	28E	D	190	N	990	W	EDDY

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N S Line	Feet From	E W Line	County
M	20	26S	28E	M	330	S	990	W	Eddy

**9. Pool Information**

HAY HOLLOW BONE SPRING	30215
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**Additional Well Information**

11. Well Type New Well	12. Well Type OIL	13. Cable Rotary	14. Lease Type State	15. Ground Level Elevation 3113
16. Multiple N	17. Proposed Depth 17762	18. Formation Bone Spring	19. Contractor	20. Spud Date 3/1/2013
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 Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	350	350	
Int1	12.25	9.625	36	2350	650	
Prod	7.875	5.5	17	17762	2200	2100

**Casing/Cement Program: Additional Comments**

Plan to drill a 17-1/2" hole to 350' with Fresh Water. Run 13-3/8", 48#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 2350' with Brine, and run 9-5/8", 36#, J55 and cement to surface. Drill 7-7/8" vertical, curve and lateral with cut brine to approx 17,762' MD. Run 5-1/2", 17#, P-110 csg and cement to 2100' in 1 stage.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	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 I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: Printed Name: Electronically filed by Diane Kuykendall Title: Production Reporting Mgr Email Address: dkuykendall@conchoresources.com Date: 2/21/2013      Phone: 432-683-7443		<b>OIL CONSERVATION DIVISION</b> Approved By: Randy Dade Title: District Supervisor Approved Date: 2/26/2013      Expiration Date: 2/26/2015 Conditions of Approval Attached
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BEFORE THE OIL CONSERVATION  
 COMMISSION  
 Santa Fe, New Mexico  
 Exhibit No. 8  
 Submitted by: COG OPERATING LLC  
 Hearing Date: February 28, 2017

BEFORE THE OIL CONSERVATION  
 DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. 8  
 Submitted by: COG Operating LLC  
 Hearing Date: May 4, 2016

2a6 85

RECEIVED  
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NMOCD ARTS

DISTRICT I  
1425 N. FRANKLIN DR., BOZEMAN, MT 59710

DISTRICT II  
1801 W. GRAND AVENUE, ANCHORAGE, AK 99510

DISTRICT III  
1000 RIO BRAZOS RD. ARIZONA, NM 87410

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
11885 SOUTH ST FRANCIS DR  
Santa Fe, New Mexico 87505

Form C-102  
Revised 10/1/10  
Submit to appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-	Pool Code 30215	Pool Name Hay Hollow, Bone Spring
Property Code 308169	Property Name SRO STATE UNIT	Well Number 43H
Order No. 229137	Operator Name COG OPERATING, LLC	Elevation 3113

Surface Location

UL or lot No	Section	Township	Range	Lot Etn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	26-S	28-E		190	NORTH	990	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No	Section	Township	Range	Lot Etn	Feet from the	North/South line	Feet from the	East/West line	County
M	20	26-S	28-E		330	SOUTH	990	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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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><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 voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Melanie J. Parker</i> 2/26/13 Signature Date <i>Melanie J. Parker</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>JULY 24 2012</p> <p>Date Surveyed Signature Professional Seal <i>Chad Hargrow</i> 8/1/12 12 48 Certified CHAD HARGROW PROFESSIONAL SURVEYOR 17777 LA 41-2012</p>
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Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N French Dr Hobbs, NM 88240  
District II - (575) 748 1283  
100 S First St Artesia NM 88210  
District III - (505) 334-6178  
000 Rio Brazos Rd Aztec NM 87410  
District IV - (505) 476-3460  
1220 S St Francis Dr Santa Fe NM  
87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C 103  
Revised August 1 2011

OIL CONSERVATION DIVISION  
1220 South St Francis Dr  
Santa Fe NM 87505

WELL API NO	<b>30-015-41141</b>
5 Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6 State Oil & Gas Lease No	
7 Lease Name or Unit Agreement Name	
SRO STATE UNIT	
8 Well Number	<b>#043H</b>
9 OGRID Number	<b>229137</b>
10 Pool name or Wildcat	<b>Hay Hollow, Bone Spring</b>

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR USE APPLICATION FOR PERMIT (FORM C 101) FOR SUCH  
PROPOSALS)

1 Type of Well Oil Well ☒ Gas Well ☐ Other

2 Name of Operator

**COG Operating LLC**

3 Address of Operator

**600 W Illinois Ave , Midland, TX 79701**

4 Well Location

Unit Letter **D** **190** feet from the **North** line and **990** feet from the **West** line

Section **17** Township **26S** Range **28E** NMPM **Eddy** County

11 Elevation (Show whether DR RKB RT GR etc )

**3113' GR**

12 Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER Name Change ☒

OTHER ☐

13 Describe proposed or completed operations (Clearly state all pertinent details and give pertinent dates including estimated date  
of starting any proposed work) SEE RULE 19 15 7 14 NMAC For Multiple Completions Attach wellbore diagram of  
proposed completion or recompletion

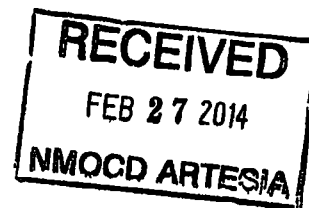
COG Operating LLC respectfully requests that this well name be changed as follows

From SRO STATE UNIT #043H

To SRO STATE COM #043H (40112)

The SRO State Unit will terminate March 1, 2014

We request that these name changes be effective March 1 2014



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

SIGNATURE Melanie J Parker TITLE Regulatory Analyst DATE 02/26/2014

or print name Melanie J Parker E mail address mparker@concho.com PHONE 575-748-6940  
State Use Only

APPROVED BY T.C. Shepard TITLE "Geologist" DATE 2-27-2014

Conditions of Approval (if any) Provide C102

## DISTRICT I

1800 N. FRANKLIN DR., DUNSMITH, NM 87529

## DISTRICT II

1801 V. GRAND AVENUE, ALBUQUERQUE, NM 87102

## DISTRICT III

1000 RED BRASS RD., AZTEC, NM 87410

## DISTRICT IV

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

11885 SOUTH ST FRANCIS DR  
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2010

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

APT Number 30-015-41141	Pool Code 30215	Pool Name Hay Hollow, Bone Spring
Property Code 308169	Property Name SRO STATE COM	Well Number 43H
OGHD No. 229137	Operator Name COG OPERATING, LLC	Elevation 3113'

## Surface Location

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	26-S	28-E		190	NORTH	990	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
M	20	26-S	28-E		330	SOUTH	990	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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><b>SURFACE LOCATION</b> Y=381669.3 N X=567841.8 E LAT = 32.049135° N LONG = 104.114368° W</p>	<p><b>OPERATOR CERTIFICATION</b> 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 undivided 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.</p> <p>Signature: <u>Mayte Reyes</u> Date: <u>3-6-12</u> Printed Name: <u>Mayte Reyes</u> mreyes1@concho.com</p>
	<p><b>PROPOSED BOTTOM HOLE LOCATION</b> Y=371661.7 N X=567853.3 E LAT = 32.021623° N LONG = 104.114397° W</p>	<p><b>SURVEYOR CERTIFICATION</b> 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>JULY 24, 2012</p> <p>Date Surveyed: <u>JULY 24, 2012</u> Signature: <u>Chad Harcrow</u> Professional: <u>CHAD HARCROW</u> Certificate: <u>17777</u> LA 41-2012</p>

SCALE-1 = 2000

**District I**  
1625 N. French Dr Hobbs, NM 88240  
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Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S St Francis Dr Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S St Francis Dr**  
**Santa Fe, NM 87505**

Form C 103  
August 1 2011  
Permit 190858

WELL API NUMBER  
30-015-41141

5 Indicate Type of Lease  
S

6 State Oil & Gas Lease No

7 Lease Name or Unit Agreement Name  
SRO STATE COM

**SUNDRY NOTICES AND REPORTS ON WELLS**

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)

1 Type of Well  
O

8 Well Number  
043H

2 Name of Operator  
COG OPERATING LLC

9 OGRID Number  
229137

3 Address of Operator  
One Concho Center 600 W Illinois Ave, Midland, TX 79701

10. Pool name or Wildcat

4 Well Location  
Unit Letter D 190 feet from the N line and feet 990 from the W line  
Section 17 Township 26S Range 28E NMPM County Eddy

11 Elevation (Show whether DR, KB, ST, GR, etc.)  
3113 GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit Type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_  
Pit Liner Thickness \_\_\_\_\_ mil Below-Grade Tank Volume \_\_\_\_\_ bbls, Construction Material \_\_\_\_\_

12 Check Appropriate Box to Indicate Nature of Notice: Report or Other Data

NOTICE OF INTENTION TO:  
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE OF PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
Other \_\_\_\_\_

SUBSEQUENT REPORT OF

REMEDIAL WORK ☐ ALTER CASING ☐  
COMMENCE DRILLING OPNS ☐ PLUG AND ABANDON ☐  
CASING/CEMENT JOB ☐  
Other Spud ☒

13 Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103 For Multiple Completions. Attach wellbore diagram of proposed completion or recompletion

8/2/2014 Spudded well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCDD guidelines ☐ general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Electronically Signed TITLE Production Reporting Mgr DATE 8/14/2014  
Type or print name Diane Kuykendall E-mail address dkuykendall@conchoresources.com Telephone No. 432-683-7443

For State Use Only

APPROVED BY Randy Dade TITLE District Supervisor DATE 8/15/2014

District I  
1625 N French Dr. H. H. H. NM 88240  
(575) 393-6161 Fax: (575) 393-0720

District II  
1000 Rio Brazos Road, Aztec NM 87410  
(505) 334-6178 Fax: (505) 334-6170

District III  
1220 S. St. Francis Dr. Santa Fe NM 87505  
(505) 476-1460 Fax: (505) 476-1462

**NM OIL CONSERVATION**  
State of New Mexico  
Energy Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

ARTESIA DISTRICT

MAR 9 2015

RECEIVED

Form C 102  
Revised August 1 2011  
Submit one copy to appropriate  
District Office  
☐ AMENDED REPORT  
(As Drilled)

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30 015-41141</b>	<sup>2</sup> Pool Code <b>30215</b>	<sup>3</sup> Pool Name <b>Hay Hollow, Bone Spring</b>
<sup>4</sup> Property Code <b>40112</b>	<sup>5</sup> Property Name <b>SRO State Com</b>	
<sup>7</sup> OGRID No. <b>229137</b>	<sup>6</sup> Operator Name <b>COG Operating LLC</b>	
		<sup>8</sup> Well Number <b>43H</b>
		<sup>9</sup> Elevation <b>3082' GR</b>

<sup>10</sup> 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>17</b>	<b>26S</b>	<b>28E</b>		<b>190</b>	<b>North</b>	<b>990</b>	<b>West</b>	<b>Eddy</b>

<sup>11</sup> 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
<b>M</b>	<b>20</b>	<b>26S</b>	<b>28E</b>		<b>351</b>	<b>South</b>	<b>918</b>	<b>West</b>	<b>Eddy</b>

<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;"><b><sup>17</sup> OPERATOR CERTIFICATION</b></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 in either owns a working interest, unleased mineral interest in the land in which the proposed bottom hole location or has right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, no voluntary pooling agreement or a compulsory pool or order heretofore entered by the division.</i></p> <div style="display: flex; justify-content: space-between;"> <div> </div> <div> <b>3/5/15</b> Date         </div> </div> <p><b>Stormi Davis</b> Printed Name</p> <p><b>sdavis@concho.com</b> E-mail Address</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;"><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p><i>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</i></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor _____</p> <p style="text-align: center; margin-top: 20px;"><b>REFER TO ORIGINAL PLAT</b></p> <p>Certificate Number _____</p> </div>
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