

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-6161 Fax: (505) 393-0720

**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. Cables 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 ☒ and/or 19.15.14.9 (B) NMAC ☒ 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

OIL CONSERVATION DIVISION

Approved By: Randy Dade

Title: District Supervisor

Approved Date: 2/26/2013

Expiration Date: 2/26/2015

Conditions of Approval Attached

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**  
FEB 26 2013  
Form C-102  
NMOCB ARTSIA  
Submit to appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

DISTRICT I  
1425 N. FRANKLIN DR., SAGADO, NM 87840

DISTRICT II  
1801 W. GRAND AVENUE, ARIZONA, NM 88010

DISTRICT III  
1900 RIO BRAZOS 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

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

☐ AMENDED REPORT

API Number 30-015- <b>41141</b>	Pool Code 30215	Pool Name Hay Hollow; Bone Spring
Property Code <b>308169</b>	Property Name SRO STATE UNIT	Well Number 43H
OCAD 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 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

**SURFACE LOCATION**  
Y=381864.0 N  
X=568166.0 E

**PROPOSED BOTTOM HOLE LOCATION**  
Y=371661.7 N  
X=567853.3 E  
LAT.=32.049135° N  
LONG.=104.114368° W

**PROPOSED BOTTOM HOLE LOCATION**  
Y=371661.7 N  
X=567853.3 E  
LAT.=32.021623° N  
LONG.=104.114397° W

SECTION 17  
SECTION 20

CRD AZ.-179°56'00"  
HORZ. DIST.-10007.6

Y=381853.5 N  
X=56850.6 E

Y=371342.8 N  
X=568864.3 E

Y=371328.3 N  
X=568185.8 E

SCALE-1"=2000'

**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 lawfully entered by the division.

*Melanie J. Parker* 2/26/13  
Signature Date  
*Melanie J. Parker*  
Printed Name

**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.

JULY 24, 2012

Date Surveyed  
Signature  
Professional Surveyor  
*Chad Hargrow* 8/1/12  
12 48  
Certified by CHAD HARGROW 17777  
LA 41-2012

Submit 1 Copy To Appropriate District  
Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
11 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name <b>SRO STATE UNIT</b>
2. Name of Operator <b>COG Operating LLC</b>	8. Well Number <b>#043H</b>
3. Address of Operator <b>600 W Illinois Ave., Midland, TX 79701</b>	9. OGRID Number <b>229137</b>
4. Well Location Unit Letter <b>D</b> : <b>190</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>West</b> line Section <b>17</b> Township <b>26S</b> Range <b>28E</b> NMPM <b>Eddy</b> County	10. Pool name or Wildcat <b>Hay Hollow; Bone Spring</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3113' GR</b>	

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.

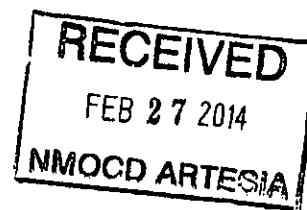
COG Operating LLC respectfully requests that this well name be changed as follows:

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

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

1825 N. FRANKLIN DR., BOHNER, NM 87009

## DISTRICT II

1301 W. GRAND AVENUE, ALBUQUERQUE, NM 87102

## DISTRICT III

1000 RIO BRAZOS 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

API Number 30-015-41141	Pool Code 30215	Pool Name Hay Hollow; Bone Spring
Property Code 308169	Property Name SRO STATE COM	Well Number 43H
OGRID 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 320	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><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 an 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><i>Mayte Reyes</i> 3-6-14  Signature Date  Mayte Reyes  Printed Name  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  Date Surveyed  Signature  Professional  <i>Chad Harcrow</i>  12-AB  Certification  CHAD HARCROW  NEW MEXICO  LICENSED PROFESSIONAL SURVEYOR  17777  LA 41-2012</p>

SCALE-1"=2000'

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <b>District II</b> 111 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87413 Phone: (505) 334-6178 Fax: (505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	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		
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <u>D</u> : <u>190</u> feet from the <u>N</u> line and feet <u>990</u> from the <u>W</u> line Section <u>17</u> Township <u>26S</u> Range <u>28E</u> NMPM County <u>Eddy</u>				
11. Elevation (Show whether DR, KB, ST, GR, etc.) 3113 GR				
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank Volume _____ cbs; Construction Material _____				
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width: 100%;"> <tr> <td style="width: 50%;">           NOTICE OF INTENTION TO:            PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>            TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/>            PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>            Other: _____         </td> <td style="width: 50%;">           SUBSEQUENT REPORT OF:            REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/>            COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>            CASING/CEMENT JOB <input type="checkbox"/>            Other: Spud <input checked="" type="checkbox"/> </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: Spud <input checked="" type="checkbox"/>
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: Spud <input checked="" type="checkbox"/>			
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 <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .				
SIGNATURE <u>Electronically Signed</u> TITLE <u>Production Reporting Mgr</u> DATE <u>8/14/2014</u> Type or print name <u>Diane Kuykendall</u> E-mail address <u>dkuykendall@conchoresources.com</u> Telephone No. <u>432-683-7443</u>				
For State Use Only: APPROVED BY: <u>Randy Dade</u> TITLE <u>District Supervisor</u> DATE <u>8/15/2014</u>				

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
S. First St., Artesia, NM 88210  
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District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District Office

RECEIVED

☐ 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> Well Number <b>43H</b>	
	<sup>8</sup> Operator Name <b>COG Operating LLC</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.

	<p><sup>17</sup> <b>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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p style="text-align: right;">Signature: <u>Stormi Davis</u> Date: <u>3/5/15</u></p> <p>Stormi Davis Printed Name</p> <p>sdavis@concho.com E-mail Address</p> <p><sup>18</sup> <b>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;">REFER TO ORIGINAL PLAT</p> <p>Certificate Number _____</p>
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