

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-6720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 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	OIL CONSERVATION DIVISION	
	Approved By: Randy Dade	
	Title: District Supervisor	Approved Date: 2/26/2013
		Expiration Date: 2/26/2015
	Phone: 432-683-7443	Conditions of Approval Attached

**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

2nd 85

RECEIVED
 FEB 26 2013
 NMOC-DARTS

DISTRICT I
 1425 N. FRANCIS DR., ROSA, NM 88240

DISTRICT II
 1801 V GRAND AVENUE, ARROYO, NM 88210

DISTRICT III
 1000 RIO BRAZOS RD ARTISAN NM 87610

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 12/10/10
 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- 41141	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 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

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.

Melanie Parker 2/26/13
 Signature Date
 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
Chad Hargrow
 Signature
 Professional Surveyor
 CHAD HARGROW
 12 AB
 17777
 Certified Professional Surveyor
 LA 41-2012

SURFACE LOCATION
 Y=381669.3 N
 X=567841.8 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

SCALE-1 = 2000

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N French Dr Hobbs, NM 88240
 District II - (575) 748 1283
 13 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	30-015-41141
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	#043H
9 OGRID Number	229137
10 Pool name or Wildcat	Hay Hollow, Bone Spring

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		SUBSEQUENT REPORT OF	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
OTHER <input checked="" type="checkbox"/> Name Change		OTHER <input 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 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. FRENCH DR., DENVER, CO 80240

DISTRICT II
1801 V GRAND AVENUE, ANTIETA, WV 26010

DISTRICT III
1000 RED BRACKS 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

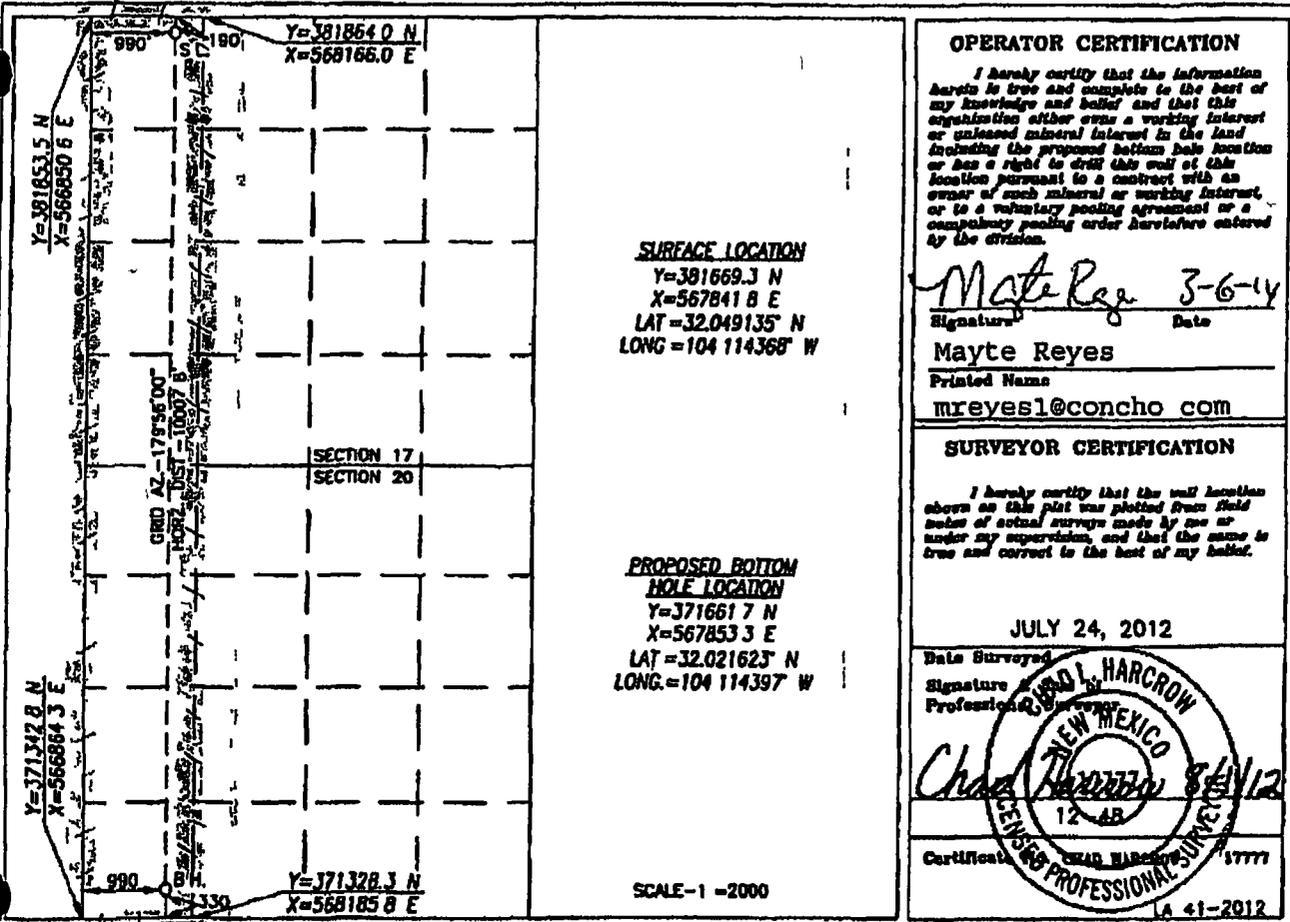
UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	26-S	28-E		190	NORTH	990	WEST	EDDY

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 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



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.

Mayte Reyes 3-6-14
Signature Date

Mayte Reyes
Printed Name
mreyes1@concho.com

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

CHAD L. HARCROW
NEW MEXICO
12 AB
17777
LA 41-2012

District I
1625 N. French Dr Hobbs, NM 88240
Phone:(575) 393-8181 Fax:(575) 393-0720

District II
S. First St. Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-0720

District III
1000 Rio Brazos Rd Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-8170

District IV
1220 S St Francis Dr Santa Fe, NM 87505
Phone:(505) 478-3470 Fax:(505) 478-3462

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

6 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, BT, 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 _____ ml Below-Grade Tank Volume _____ bbls. Construction Material _____

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF	
PERFORM REMEDIAL WORK	<input type="checkbox"/> PLUG AND ABANDON	REMEDIAL WORK	<input type="checkbox"/> ALTER CASING
TEMPORARILY ABANDON	<input type="checkbox"/> CHANGE OF PLANS	COMMENCE DRILLING OPNS	<input type="checkbox"/> PLUG AND ABANDON
PULL OR ALTER CASING	<input type="checkbox"/> MULTIPLE COMPL	CASING/CEMENT JOB	<input type="checkbox"/>
Other _____		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 general permit or an (attached) alternative OCD-approved plan .

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

District II
Turn St., Artesia NM 88210
Phone (575) 748 1283 Fax (575) 748-9720

District III
10100 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) 476-1460 Fax (505) 476-1462

NM OIL CONSERVATION
State of New Mexico **ARTESIA DISTRICT**
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
(As Drilled)

MAR 9 2015
RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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
D	17	26S	28E		190	North	990	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
M	20	26S	28E		351	South	918	West	Eddy

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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 style="text-align: center;">Sec 17 T26S R28E</p> <p style="text-align: center;">Sec 20 T26S R28E</p> <p style="text-align: center;">Producing Area 8139 17560</p>	<p>¹⁷ OPERATOR CERTIFICATION</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 including the proposed bottom hole location or has the right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, to a voluntary pooling agreement or a compulsory pool order heretofore entered by the division.</i></p> <p style="text-align: right;"> Signature 3/5/15 Date </p> <p>Stormi Davis Printed Name</p> <p>sdavis@concho.com E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION</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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