

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6120
District II
811 S. First St., Aramis, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9729
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 30S169	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. Work 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 <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
	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
1625 N. FRANKLIN DR., ALBUQUERQUE, NM 87104

DISTRICT II
1801 N. GRAND AVENUE, ALBUQUERQUE, NM 87104

DISTRICT III
1800 RIO HAZARD RD., ALBUQUERQUE, NM 87104

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 30-015-41141	Pool Code 30215	Pool Name Hay Hollow; Bone Spring
Property Code 308169	Property Name SRO STATE UNIT	Well Number 43H
OGUID 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

Y=381864.0 N
X=568166.0 E

Y=381853.5 N
X=56850.6 E

Y=371342.8 N
X=568864.3 E

Y=371328.3 N
X=568185.8 E

SECTION 17
SECTION 20

CRD AZ - 179°56'00"
HORZ. DIST - 10007.8

990' 190'

990' 330'

SCALE - 1"=2000'

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

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: *Melanie Foster* Date: 2/26/13
Printed Name: Melanie Foster

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 L. HARGROW
NEW MEXICO
12-48
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

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	7. Lease Name or Unit Agreement Name SRO STATE UNIT
2. Name of Operator COG Operating LLC	8. Well Number #043H
3. Address of Operator 600 W Illinois Ave., Midland, TX 79701	9. OGRID Number 229137
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	10. Pool name or Wildcat Hay Hollow; Bone Spring
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.

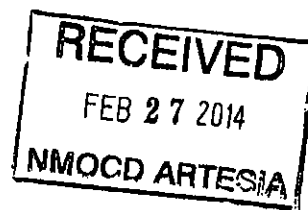
COG Operating LLC respectfully requests that this well name be changed as follows:

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

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., BOHNER, NM 87004

DISTRICT II

1201 V. 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 DepartmentOIL 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	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>SURFACE LOCATION Y=381669.3 N X=567841.8 E LAT.=32.049135° N LONG.=104.114368° W</p>	<p>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 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: <i>Mayte Reyes</i> Date: 3-6-14 Printed Name: Mayte Reyes mreyes1@concho.com</p>
	<p>PROPOSED BOTTOM HOLE LOCATION Y=371661.7 N X=567853.3 E LAT.=32.021623° N LONG.=104.114397° W</p>	<p>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.</p> <p>JULY 24, 2012</p> <p>Date Surveyed: _____ Signature: <i>Chad L. HARCROW</i> Professional: _____</p> <p>Certification: CHAD L. HARCROW 17777 LA 41-2012</p>

SCALE-1"=2000'

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 111 S. First St., Artesia, NM 88210 Phone: (575) 748-1263 Fax: (575) 748-0720 District III 1000 Rio Brazos Rd., Aztec, NM 87413 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.)																							
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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 _____ bbls; Construction Material _____																							
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width: 100%;"> <tr> <td style="width: 33%;"> PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING Other: </td> <td style="width: 33%;"> NOTICE OF INTENTION TO: <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> MULTIPLE COMPL </td> <td style="width: 33%;"> SUBSEQUENT REPORT OF: <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB Other: Spud </td> </tr> <tr> <td></td> <td></td> <td> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> </td> </tr> </table>			PERFORM REMEDIAL WORK TEMPORARILY ABANDON PULL OR ALTER CASING Other:	NOTICE OF INTENTION TO: <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> MULTIPLE COMPL	SUBSEQUENT REPORT OF: <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB Other: Spud			<input type="checkbox"/> ALTER CASING <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/>															
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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"/> .																							
<table style="width: 100%;"> <tr> <td style="width: 33%;">SIGNATURE</td> <td style="width: 33%;">Electronically Signed</td> <td style="width: 33%;">TITLE</td> </tr> <tr> <td>Type or print name</td> <td>Diane Kuykendall</td> <td>E-mail address</td> </tr> <tr> <td></td> <td></td> <td>Production Reporting Mgr</td> </tr> <tr> <td></td> <td></td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td>8/14/2014</td> </tr> <tr> <td></td> <td></td> <td>Telephone No.</td> </tr> <tr> <td></td> <td></td> <td>432-683-7443</td> </tr> </table>			SIGNATURE	Electronically Signed	TITLE	Type or print name	Diane Kuykendall	E-mail address			Production Reporting Mgr			DATE			8/14/2014			Telephone No.			432-683-7443
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For State Use Only: <table style="width: 100%;"> <tr> <td style="width: 33%;">APPROVED BY:</td> <td style="width: 33%;">Randy Dade</td> <td style="width: 33%;">TITLE</td> </tr> <tr> <td></td> <td></td> <td>District Supervisor</td> </tr> <tr> <td></td> <td></td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td>8/15/2014</td> </tr> </table>			APPROVED BY:	Randy Dade	TITLE			District Supervisor			DATE			8/15/2014									
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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

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						⁶ Well Number 43H	
⁷ OGRID No. 229137		⁸ Operator Name COG Operating LLC						⁹ Elevation 3082' GR	

¹⁰ Surface Location

UL or lot no. D	Section 17	Township 26S	Range 28E	Lot Ida	Feet from the 190	North/South line North	Feet from the 990	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 20	Township 26S	Range 28E	Lot Ida	Feet from the 351	North/South line South	Feet from the 918	East/West line West	County Eddy
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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>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 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 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 </p> <p style="text-align: right;"> 3/5/15 Date </p> <p> Stormi Davis Printed Name </p> <p> sdavis@concho.com E-mail Address </p> <p style="text-align: center;">Sec 17-T26S-R28E</p> <p style="text-align: center;">Sec 20-T26S-R28E</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 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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