

District I
 1205 S. Francis Dr. Suite 100 NM 87505
 Phone: (505) 39-5151 or (505) 9-4-70
District II
 811 S. First St. Suite 100 NM 87501
 Phone: (505) 43-1831 Fax: (505) 43-1830
District III
 1000 Rio Hondo Rd. Suite 100 NM 87505
 Phone: (505) 334-6111 Fax: (505) 431-1000
District IV
 1205 S. Francis Dr. Suite 100 NM 87505
 Phone: (505) 43-1831 Fax: (505) 43-1830

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

Form C-101
 A 1 011
 Perm 16.5.1

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

1 Operator Name and Address COG OPERATING LLC On Concho Center Midland, TX 79 01		GCPID Number 2.91 7
		3 ADP Number 0-015-41141
4 Property C 08169	Property Part SRO STATE UNIT	5 Well No 0- H

7 Surface Location

UL L	Section	Township	Range	Lot Line	Foot Front	N S Line	Foot Front	E W Line	County
D	17	6S	8E	D	190	N	990	W	EDDY

8 Proposed Bottom Hole Location

UL Lot	Line	Township	Range	Lot Line	Foot Front	N S Line	Foot Front	E W Line	County
M	70	6S	8E	M	30	S	990	W	Eddy

9 Pool Information

HAY FELLOW BOY SPRING	0 13
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Additional Well Information

1 Well Type N O I I	2 Well Type OIL	3 Well Type Stat	4 Well Type Stat	5 Well Type 11
16 Well 1	1 Proposed Depth 1776	18 Form or Bone Springs	1 Cement 1776	0 prod Dat 1701
Depth Cased to		D or or Lateral well		D or or Lateral well

21 Proposed Casing and Cement Program

Type	Hol Size	Casing Type	Casing Weight	Casing Depth	Stake Cement	Estimated TOC
Surf	1 5	1 375	8	50	0	
Intl	1 5	96	56	50	60	
Pred	7 875	5.5	17	1776	100	2100

Casing/Cement Program Additional Comments

Plan to drill a 1 1 hole to 50 with Fr h Water Run 1 38 8 J 10 c. and cement to surface. Drill 1 14 hole to 50 with Brn and run 9 58 30- 75 and cement to surface. Drill 7 78 vertical, curve and lateral with cu brn to appr 17 76 NAD Run 5 12 17= P 110 csg and cement to 100 in 1 sta.

22 Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	600	600	Cameron

I hereby certify that the information on this form is true and correct to the best of my knowledge and belief. I further certify I have complied with 191 149 (A) NMAC and 191 149 (B) NMAC and applicable rules.		OIL CONSERVATION DIVISION	
Signature		Approved By Randy Dad.	
Printed Name Electronically Signed by Diana Kuryk, dadi		Title District Supervisor	
Title Production Reporting Manager		Approved Date 2-26-2017	Expiration Date 2-26-2017
Email Address dkurykendall@conchoenergy.com			
Date 2 1 01	Phone 4 68 744	Condition of Approval Attached	

NMOCC CASE Nos 15441 15481 15482
NEX SRO2 LLC AND SRO3 LLC
Exhibit No 3
February 28, 2017

C 024544

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

NM OIL CONSERVATION

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

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	⁸ Operator Name COG Operating LLC	
		⁶ Well Number 43H
		⁹ Elevation 3082' GR

¹⁰ Surface Location

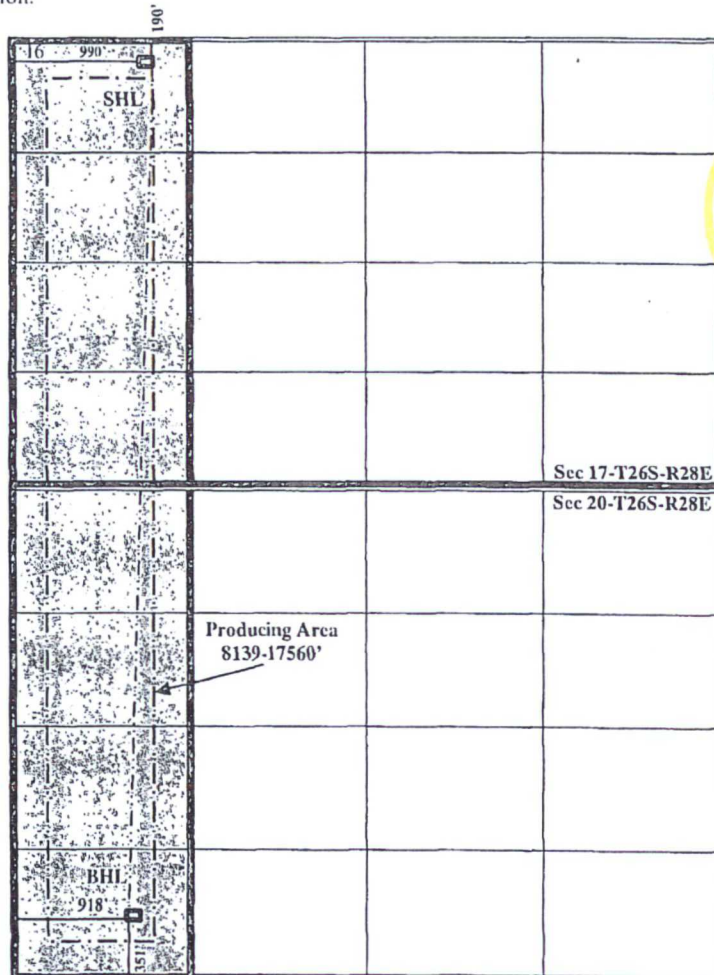
UL or lot no. D	Section 17	Township 26S	Range 28E	Lot Idn	Feet from the 190	North/South line North	Feet from the 990	East/West line West	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 20	Township 26S	Range 28E	Lot Idn	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.



¹⁷ OPERATOR CERTIFICATION

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.

Signature Stormi Davis Date 3/5/15

Stormi Davis
Printed Name

sdavis@concho.com
E-mail Address

¹⁸ 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.

Date of Survey
Signature and Seal of Professional Surveyor:

REFER TO ORIGINAL PLAT

Certificate Number

NMOCD CASE Nos. 15441, 15481, 15482
NEX, SRO2 LLC AND SRO3 LLC
Exhibit No. 4
May 4, 2016

C 024577

District I
1625 E. Franklin Dr. H. H. N. 83-40
Phone: (505) 399-6161 Fax: (505) 93-0720

District II
811 S. First St. Artesia, NM 8810
Phone: (505) 748-1831 Fax: (505) 748-9776

District III
1000 Rio Bravo Rd. Alt. NM 8410
Phone: (505) 334-6178 Fax: (505) 334-6110

District IV
1000 S. 3rd St. Santa Fe, NM 87505
Phone: (505) 426-4400 Fax: (505) 426-4444

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 16,580

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

1 Operator Name and Address COG OPERATING LLC On Corn Center Midland, TX 79701		OCRID Number 2291 7
		3 API Number 30-015-4114
4 Property Code 08169	Property Name SRO STATE UNIT	6 Well ID 044H

7 Surface Location

UL L	Section	Township	Range	Lot L	Foot From	N S Lir	Foot From	E W Line	County
C	17	6S	8E	C	190	N	0	W	EDDY

8 Proposed Bottom Hole Location

UL Lot	Section	Township	Range	Lot L	Foot From	N S Lir	Foot From	E W Line	County
N	20	6S	8E	N	0	S	0	W	Eddy

9 Pool Information

HAY FOLLOWS BONE SPRING	0 1
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Additional Well Information

11 Well Type New Well	12 Well Type OIL	13 Casing 18 Feet on Bone Springs	14 Lens Type Stat	15 Gross Level El. above 698
16 Multipl N	17 Proposed Depth 1780'	18 Cement 1780'	19 Cement 1780'	20 Sand Depth 1201
Depth to Cement 1780'		Distance from well to nearest well 1780'		Distance to nearest well 1780'

21 Proposed Casing and Cement Program

Typ	Hole Size	Casing Type	Casing Weight ft	Casing Depth	Weights of Cement	Estimated TOC
Surf	13.5	13.5	48	50	50	
Intl	12.5	9.65	6	50	650	
Prod	7.85	5.5	17	17804	200	100

Casing/Cement Program Additional Comments

Plan to drill a 17 1/2" hole to 50' with Fresh Water Run 1 3/8" 48- J 55 cs and cement to surface. Drill 12-1/4" hole to 2500' with Brine and run 9 5/8" 56- J 55 and cement to surface. Drill 7 8/8" vertical, curve and lateral with cut turns to approx 17804' MD Run 5 1/2" 17 1/2" P 110 cs and cement to 2100' in 12 1/2"

22 Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	800	3000	Cameron

I hereby certify that the information on this form is true and correct to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
I further certify I have complied with 19.1.14.9 (A) NMAC and 19.1.14.9 (B) NMAC, if applicable.		Approved By: Randy Dade	
Signature: _____		Title: District Supervisor	
Printed Name: Electronically filed by Dawn K. Kendall		Approved Date: 2/26/2013 Expiration Date: 6/30/13	
Title: Production Reporting Mgr			
Email Address: dkendall@conchor.com			
Date: 2/27/13	Phone: 68 744	Conditions of Approval Attached	

NMOCC CASE Nos 15441 15481 15482
NEX SRO2 LLC AND SRO3 LLC
Exhibit No 4
February 28 2017

C 024586

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 & 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

RECEIVED

☐ AMENDED REPORT
(As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-41142		² Pool Code 30215	³ Pool Name Hay Hollow; Bone Spring
⁴ Property Code 40112	⁵ Property Name SRO State Com		⁶ Well Number 44H
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC		⁹ Elevation 3098' 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
C	17	26S	28E		190	North	2220	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
N	20	26S	28E		378	South	2216	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.

16 2220' SHL Sec 17-T26S-R28E Sec 20-T26S-R28E Producing Area 8204-17580' 2216' BHL	¹⁷ OPERATOR CERTIFICATION 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>Stormi Davis</i> 3/9/15 Signature Date Stormi Davis Printed Name sdavis@concho.com E-mail Address	
	¹⁸ 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. _____ Date of Survey _____ Signature and Seal of Professional Surveyor: REFER TO ORIGINAL PLAT	
	Certificate Number	
	NMOCD CASE Nos. 15441, 15481, 15482 NEX, SRO2 LLC AND SRO3 LLC	
	Exhibit No. 6 May 4, 2016	

C 024618