District I
1625 N. French Dr., Hobbs, NM 88240
Phones:(575) 393-6161 Pax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phones:(575) 748-9720
District III
1000 Rio Brazos Rd., Azee, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phones:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources

Form C-101 August 1, 2011

Permit 162871

Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

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

1. Og	perator Name and Address	OGRID Number			
coc	229137				
-	One Concho Center Midland, TX 79701				
		30-015-41141			
4. Property Code	5. Property Name	6. Well No.			
308169	SRO STATE UNIT	043H			

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet Prom	N/S Line	Feet From	EW Line	County
D	17	268	28E	D	190	N	990	w	EDDY

8. Proposed Bottom Hole Location

				2 roposes						-
UL - Lot	Section	Township	Range	Lot Idn	Peet From	N.S.Line	Feet From	E W Line	County	l
M	20	268	28E	M	330	S	990	W	Eddy	l

9. Pool Information

HAY HOLLOW BONE SPRING	30215

Additional Well Information

			Additional Wen Intolli	auon		
11. Work Type 12. Well New Well OIL			13. Cable Rotary	14. Lesse Type State	15. Ground Level Elevation 3113	
			10 Possesies			
16. Multiple		osed Depth	18. Formation	19. Contractor	20. Spud Date	
N 17762		762	Bone Spring		3/1/2013	
Depth to Ground water			Distance from nearest fresh water	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	
Intl	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 17-12" hole to 350' with Fresh Water. Run 13-3/8", 48\psi, J-55 csg and cmt to surface. Drill 12-1/4" hole to 2350' with Brine, and run 9-5/8", 36\psi, J55 and cement to surface. Drill 7-7/8" vertical, curve and lateral with cut brine to approx 17,762' MD. Rus 5-1/2", 17\psi, 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		
DoubleRam	3000	3000	Cameron		

best of my knowledge and beli	ermation given above is true and complete to the	OIL CONSERVATION DIVISION Approved By: Randy Dade					
I further certify I have comp 19.15.14.9 (B) NMAC X, if	lied with 19.15.14.9 (A) NMAC and/or applicable.						
Signature:							
Printed Name: Electronic	ally filed by Diane Kuykendall	Title: District Supervisor					
Title: Production Report	ing Mgr	Approved Date: 2-26/2013	Expiration Date: 2/26/2015				
Email Address: dkuykens	latt@conchoresources.com						
Date: 2/21/2013	Phone: 432-683-7443	Conditions of Approval Attached					

BEFORE THE OIL CONVERSATION
COMMISSION
Santa Fe, New Mexico
Exhibit No. 8
Submitted by: COG OPERATING LLC
Hearing Date: February 28, 2017

Exhibit No. 8
Submitted by: COG Operating LLC
Hearing Date: May 4, 2016

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Submit 1 Copy To Appropriate District Office	State of New M		Form C 103 Revised August I 2011
<u>District I</u> – (575) 393-6161 1625 N French Dr Hobbs, NM 88240	Energy Minerals and Nat	urai Kesources	WELL API NO
S First St. Artesia NM 88210	OIL CONSERVATION	N DIVISION	30-015-41141
trict III - (505) 334-6178 000 Rio Brazos Rd Aztec NM 87410	1220 South St Fra		5 Indicate Type of Lease STATE ☑ FEE □
District IV - (505) 476 3460	Santa Fe NM 8	7505	6 State Oil & Gas Lease No
1220 S St Francis Dr Santa Fe NM 87505		J	
	FICES AND REPORTS ON WELLS OSALS TO DRILL OR TO DEEPEN OR PL		7 Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR USE APPL	ICATION FOR PERMIT (FORM C 101) F		SRO STATE UNIT
PROPOSALS) 1 Type of Well Oil Well	Gas Well Other	1	8 Well Number #043H
2 Name of Operator			9 OGRID Number
3 Address of Operator	erating LLC	1	229137
	inois Ave , Midland, TX 797	01	Hay Hollow, Bone Spring
4 Well Location			
	eet from the North line and 990	- (
Section 17 Towns	thip <u>26S</u> Range <u>28E</u> NMPM 11 Elevation (Show whether DR	Eddy County	
	3113 GR		
	<u></u>		John Francisco Company
12 Check	Appropriate Box to Indicate N	lature of Notice,	Report or Other Data
NOTICE OF IN	NTENTION TO	I SUB	SEQUENT REPORT OF
PERFORM REMEDIAL WORK		REMEDIAL WORL	
TEMPORARILY ABANDON		COMMENCE DRI	
PULL OR ALTER CASING POWNHOLE COMMINGLE	MULTIPLE COMPL	CASING/CEMENT	JOB [
	=		
HER Name Change	oleted operations (Clearly state all i	OTHER	I give pertinent dates including estimated date
of starting any proposed w	ork) SEE RULE 19 15 7 14 NMAC		pletions Attach wellbore diagram of
proposed completion or rec	completion	1	
COG Operating LLC respec	ctfully requests that this we	ll name be char	nged as follows
From SRO STATE UNIT #	.n.42Ll	1	
FIOR SHO STATE UNIT #	043/1		
To SRO STATE COM #	043H (401/2)		RECEIVED
		I	,
The SRO State Unit will ten		-1-4-004	FEB 27 2014
We request that these name	e changes de eπective Mar	cn 1 2014	NMOCD ARTESIA
I hereby certify that the information	shove is true and complete to the he	st of my knowledge	and helief
1 A	no value una complete to the be	Ist of my knowledge	and denot
SIGNATURE / lange	TITLE Regu	latory Analyst	DATE <u>02/26/2014</u>
or print name Melanie J Pa	rker E mail address <u>mparkei</u>	@concho com	PHONE <u>575-748-6940</u>
State Use Only			
APPROVED BY	WIND TITLE	"Geolo	GIST" DATE 2-272014
Conditions of Approval (if any)	vovide C102		
P	wirde cive		

dis	T	uct	ľ		,	
1005	¥.	HERVER	m.,	gáppe,	COSH	

DISTRICT IV

State of New Mexico

Porm C-102

Series October 12, 2010 Submit to Appropriate District Office

State Lease - 4 Copies Yee Lease - 3 Caples

DISTRICT II

DISTRICT III 1000 RED BRAZOS ED., AZTEC, NW 57410

COMPARE OF PROPERTY OF RANGE OF THE PARENT

OIL CONSERVATION DIVISION

11885 SOUTH ST FRANCIS DR Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 1	Pael Coda			Name	
30-015-41141	30215	Hay	Hollow,	Bone	Spring
Property Code	Property Name				Vall Number
308169	SRO STATE COM	ī			43H
OCHID No.	Operator Name				Elevation
229137	COG OPERATING,	LLC			3113

Surface Location

1	UL or lot No	Section 1	Township	Range	Let ide	Feet from the	North/South line	Post from the	Best/Vest line	County	
	D	17 '	26-S	28-E		190	NORTH	990	WEST	EDDY	ĺ

Bottom Hole Location if Different From Surface

UL or lot No		Bestion Township 20 26-S			Lot Idn	Feet from the 330	Nerth/Bouth line SOUTH	Feet from the 990	East/Vest line WEST	EDDY
Γ	Dedicated Acres	Joint e	r (with) Co	neolide tion	Code On	Ser No.	1		···	
١	320	{	- 1		- 1					

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

J Western Aurilia		
7=281864 0 N X=568166.0 E)	OPERATOR CERTIFICATION
		I hereby certify that the information harsto be true and complete to the best of my knowledge and belief and that this expendentian either even a working information.
	1	er unlessed mineral interest in the land including the proposed bettern hele location and at this
250838 250839 25086 250839 25086 250839 250839 250839 250839 250839 250839 250839 250839 2508	1	location pursuant to a contract with an owner of such mineral or working interest, or is a valuatory positing agreement or a computatory positing agree hereinforce entered by the division.
	SURFACE LOCATION	compulsary peaking order harviolers entered by the director.
	Y⇔381669.J N X=567841 8 E	Matekee 3-6-14
	LAT =32.049135 N LONG =104 114368 W	Mayte Reyes
0.00	1	Printed Hama mreyes1@concho com
SECTION 17	,	SURVEYOR CERTIFICATION
기 (SECTION 20		I hereby partity that the wall landless above on this plat was plotted from field
	PROPOSED BOTTOM	I havely cartify that the wall lecotion above on this plot was plotted from field soles of actual surveys made by me or langer my squarelsies, and that the same to true and correct to the best of my ballot.
	HOLE LOCATION Y=371661 7 N	
	X=567853.3 E	JULY 24, 2012
No. No.	LAT = 32.021623 N LONG.=104 114397 W	Signature Stall HARCROIN
	! !	Profession Converge
X=566364 3 E		Chad Harring 8#1/12
	1	12.48
990 BH Y=J71328.3 H X=568185 8 E	SCALE-1 =2000	Certificate TA SEAD HIBERTONS 17777
TOTAL NATIONAL SACROPPERSON		

District I 1625 N. French Dr. Hobbs, NP Phone:(675) 393-8161 Fax:(57				New Mexic			Farm C-103 August 1 2011
S First St. Artesia, NM 88	210	Energy, Min				WELL APT NUMBER	Permit 190856
ane:(575) 748-1283 Fax:(57 District III	5) 748-9720	Oll C	onserv	ration Divi	sion		5-41141
1000 Rio Brazos Rd Azisc. N. Phone (505) 334-6178 Fax: (50 District IV	M 87410 5) 334-6178	' —		t Francis [7.	6 Indicate Type o	Lease
1220 S St Francis Dr Santa F Phone: (505) 476-3470 Fax: (50		Sa	anta Fe	, NM 8750	5	6 State Oil & Ges	Lease No
(DO NOT USE THIS FORM FO PERMIT* (FORM C-101) FOR	R PROPOSALS TO DRILL O	RY NOTICES AND REPORT TO DEEPEN OR PLUG BACK T			APPLICATION FOR		Unit Agreement Name STATE COM
1 Type of Well						8. Well Number 043H	
2. Name of Operator COG OPERATIN	IG ILC					9 QGRID Number 22913	
Address of Operator One Concho Cer	nter 600 W (llinois Ave. I	Adland, TX 79701		-		10. Pool name or \	Videst
4 Well Location Unit Letter D	190 feet from the N	line and feet 990) 1	from the W	ine		
Section 17	Township 26S R	ange 28E NMPM		ny Eddy			
	11 Eleve	tion (Show whether DR, KB, ST G 3113 GR	R, etc.)				
Pit or Below grade Tank Applica	dion or Closure						
Pit Type Depth to Gro		om nearest fresh water well	_	nearest surface water	<u> </u>		
Pit Liner Thickness:	mil Below-Grade Tank		struction Materi	81			
12 Check Appropriate Box to Ir	NOTICE OF INTENT	ION TO-	_ 1		SUBSEQUENT	REPORT OF	
PERFORM REMEDIAL WORK TEMPORARILY ABANDON		PLUG AND ABANDON CHANGE OF PLANS		REMEDIAL WORK COMMENCE DRILLI	ING OPNS	ALTER CASING	
PULL OR ALTER CASING	ō	MULTIPLE COMPL	ō	CASING/CEMENT J			_
Other ~				Other Spud			⊠ .
13 Describe proposed or completion		all pertinent details, and give pertin	nent dates inclu	ding estimated date of :	starting any proposed work.) SEE I	RULE 1103 For Multiple	Completions. Attach wallbore
8/2/2014 Spudded well.							
	Sion above is true and comple	te to the best of my knowledge and a OCO-approved plan	i belief i further	certify that any pit or b	elow-grade lank has been/will be o	onstructed or closed so	conting to NMOCD
SIGNATURE	Electronically Signed	TITLE	Production F	Reporting Mgr		DATE	8/14/2014
Type or print name	Diane Kuykendali	E-mail address	dkuykendali	aconchoresources.	com	Telephone No.	432-683-7443
For State Use Only					· 		
APPROVED BY	Randy Dade	TITLE	District Supe	rvisor		DATE	8/15/2014

District 1625 N French Dr. Ht bbs, NM 88240 . (575) 333-6161 Fax (575) 393-0720

Tirst St. Artesia NY 88210 hone (575) 748 1283 Pax (575) 748-9720 District III 1000 Rio Brazos R ad Agree NM 87410

Phone (505) 334 6178 Fax (505) 334-6170 DISIDLLIY 12_0 5 Si Francis Dr Squia Fe NM 87505

I hum. (505) 476-3460 Lax (505) 476-3462

NM OIL CONSERVATION State of New Mexico

ARTESIA DISTRICT

Form C 102 Revised August 1 2011

Energy, Minerals & Natural Resources Department 2015 OIL CONSERVATION DIVISION

Submit one copy to appropriate

District Office

1220 South St Francis Dr Santa Fe NM 87505

RECEIVED

☐ AMENDED REPORT (As Drilled)

WELL LOCATION AND ACDEAGE DEDICATION DI AT

API Number 30 015-41141				² Pool Cod	e	Pool Name Hay Hollow, Bone Spring					
				30215		ļ	one Spring	ng			
⁴ Property Code 40112 ⁷ OGRID No.					⁵ Property			⁶ Well Number			
					SRO State		43H				
					Operator			⁹ Elevation			
22913	7				COG Opera		ļ	3082' GR			
· · · · · · · · · · · · · · · · · · ·					10 Surface	Location		·			
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County		
D	17	26S	28E		190	North	990	West	Eddy		
, 	<u> </u>	 	¹¹ Bo	ottom Ho	le Location I	f Different Fro	m 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		
Dedicated Acres	13 Joint of	r Infill 14 C	onsolidation	Code 15 Or	der No.	· · · · · · · · · · · · · · · · · · ·	J	l			
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

