<u>District I</u> 1625 N. French Dr., Hottes, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 Patrict II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fex. (575) 748-9720 District III 1000 Rie Brazos Rd., Aznec, NM 87410 Phone (305) 334-6178 Faz: (505) 334-6170 <u>District IV</u> 1220 S. St Francis Dr., Sante Fe, NM 87505 Phone: (505) 476-3470 Fex: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources

August 1, 2013

Form C-101 Permir 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

COG OF	r Name and Address ERATING LLC	 OGRID Number 22913? 		
	Concho Center nd, TX 79701	3. API Number 30-015-41141		
4. Property Code	5. Property Name	6. Weli No.		
30\$169	SRO STATE UNIT	043H		

7. Surface Location

	11 ORIENTA EL TOTALIA									
UL - Let	Section	Township	Renge	Lot Ion	Feet Prom	N S Line	Feet From	EW Line	County	
מ	17	268	28E	D	190	N	990	W	EDDY	

8. Proposed Bottom Hole Location

	UL - Ler	Section	Townskip	Ranga	Los Idn	Fee From	N S Line	Feet From	E.W.Line	Constly
ļ	М	20	268	28E	M	330	S	990	W	Eddy

9. Pool Information

HAY HOLLOW:BONE SPRING	30215

Additional Well Information

i martin in 1, on an in							
11. Work Type	12. Well Type	12. Well Type 13. Cable Rotary 14. Lease Type		15. Ground Level Elevation			
New Well	OIL		State	3113			
Ió. Mishiple	17. Proposed Depth	18. Fermation	19. Contractor	IC. Spud Date			
N	17762	Bone Spring		3/1/2013			
Depth to Ground v	3166	Distance from nearest fresh water we	u	Distance to nearest surface were			

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight fit	Setting Depth	Sacks of Cement	Estimated TOC
Swf	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

best of my knowledge and bel-		OIL CONSERVATION DIVISION Approved By: Randy Dade				
I further certify I have comp 19.15.14.9 (B) NMAC XI, tf	olied with 19,15,14.9 (A) NMAC 🔯 and/or — applicable.					
Signature:]				
Printed Name: Electronic	ally filed by Diane Kuykendall	Title: District Supervisor	-11-11-11-11-11-11-11-11-11-11-11-11-11			
Title: Production Report	ing Mgr	Approved Date: 2-26:2013	Expiration Date: 2:26:2015			
Email Address: dkuyken	dall@conchoresources.com					
Date: 2/21/2013	Phone: 432-683-7443	Conditions of Approval Attached				

DECENTED

П		U		1	V	ㄷ	U
	r	_	_	_	_		

State of New Mexico DISTRICT I

DISTRICT II

DISTRICT III

1000 RIO BRAZOS BD., AZTEC, NW 87410

OIL CONSERVATION DIVISION 11885 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

FEB **2**₆ 2013 NMOCD ARTESIA

DISTRICT IV	WELL LOCATION AND	ACREAGE DEDICATION I	PLAT G AMENDED REPORT
30-015-4/14/	Post Code 30215	Hay Hollow;	ook Name Bone Spring
308/69	•	ATE UNIT	Wall Number 43H
229137		RATING, LLC	Elevation 3113'

						Surface Loc	ation			
u	L er lat No.	Bection)	Younship	Rexign	iot ida	Feet from the	North/South line	Feet from the	Bast/West Line	County
1	D	17	26-S	28-E	1	190	NORTH	990	WEST	EDDY
D 17 26-S 28-E 190 NORTH 990 WEST EDD Bottom Hole Location If Different From Surface										
U	I. or lot No.	Section	Township	Rener	Let Mrs	Fout from the	North South line	Real from the	Rant / Yest 1tme	County

UL or lot No.	Section	Township	Range	Let Ma	Feet from the	North/South line	Feet from the	Rast/West line	County
M	20 ;	26-S	28-E		330	SOUTH	990	WEST	EDDY
Dedicated Acres	Joint o	r infill Co	nsolidation t	Code On	der 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
7=381853.5 N X=5668530.6 E 07.8	0 YJ81864.0 N X=568166.0 E	SURFACE LOCATION Y=381669.3 N X=567841.8 E LAT.=32.049135' N LONG.=104.114368' W	OPERATOR CERTIFICATION I bereit curiffy that the information terms is true and complete to the best of my knowledge and build, and that this premisestim either owns a working interest withous miles proposed building bale incasted below how a right to drill this well at this continuous and the proposed building bale incasted when or such mineral or working interest, we as evolutary peoling apprehension or a computery peoling arrier beloins to colored by the division. Signature Date Printed Name
GRD AZ179'56'00" HORZ. DIST10007.8	SECTION 17	PROPOSED BOTTOM HOLE LOCATION Y=371661.7 N X=567853.3 E	SURVEYOR CERTIFICATION I bereig contify that the wall location bern on this plat was plotted from field wise of estud surveys made by two or ader my experision, and that the same is rue and correct to the best of my belief. JULY 24, 2012
X=556864.3 E		LONG.=104.114397 W S	HARCROWN SELVING
990' 8.H.	Y=371328,3 N X=568185.8 E	SCALE-1"=2000"	POFESSIONA 41-2012

Submit I Copy To Appropriate District Office	State of New Me Energy, Minerals and Natu		Form C-103 Revised August 1, 2011
<u>District 1</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Energy, winicials and Nate	ulai Resources	WELL API NO.
District II – (575) 748-1283	OIL CONSERVATION	DIVISION	30-015-41141
strict 111 - (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fran		5. Indicate Type of Lease STATE ☐ FEE ☐
<u>District IV</u> - (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa Fe, NM 8'	7505	6. State Oil & Gas Lease No.
87505			
	'ICES AND REPORTS ON WELLS DSALS TO DRILL OR TO DEEPEN OR PL		7. Lease Name or Unit Agreement Name
DIFFERENT RESERVOIR. USE "APPL PROPOSALS,)	ICATION FOR PERMIT" (FORM C-101) FO	OR SUCH	SRO STATE UNIT
1. Type of Well: Oil Well	Gas Well Other		8. Well Number #043H
2. Name of Operator	erating LLC		9. OGRID Number 229137
3. Address of Operator			10. Pool name or Wildcat
L	nois Ave., Midland, TX 7970	01	Hay Hollow; Bone Spring
4. Well Location	(L. Novel 1: 000	Cara Corres de la Maria	-4 2
	eet from the <u>North</u> line and <u>990</u> hip <u>26S</u> Range <u>28E</u> NMPM i	feel from the <u>wes</u> Eddy County	it line
Section <u>17</u> Towns	11. Elevation (Show whether DR)		
	3113' GR	· · · · · · · · · · · · · · · · · · ·	
12. Check	Appropriate Box to Indicate N	ature of Notice 1	Report or Other Data
		•	•
NOTICE OF IN PERFORM REMEDIAL WORK ☐	ITENTION TO: PLUG AND ABANDON □	I REMEDIAL WORK	SEQUENT REPORT OF:
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRIL	_
PULL OR ALTER CASING	MULTIPLE COMPL	CASING/CEMENT	JOB 🗌
DOWNHOLE COMMINGLE			
THER: Name Change	⊠	OTHER:	
			give pertinent dates, including estimated date appletions: Attach wellbore diagram of
proposed completion or rec		2. Tor wrattiple Con	ipietions. Attach wendore diagram of
COG Operating LLC respec	atfully requests that this well	l nama ba aban	agad as follows:
COG Operating LLC respec	many requests that this wer	i name be chan	iged as follows:
From: SRO STATE UNIT #	043H		
To: SRO STATE COM #	043H (40112)		RECEIVED
		•	FERRED
The SRO State Unit will term	•	-h 4 0044	FEB 2 7 2014
We request that these name	changes be effective iviari	cn 1, 2014.	NMOCD ARTESIA
			14.4
			•
I hereby certify that the information a	shove is true and complete to the be	st of my knowledge	and heliaf
1 A	()	at of my knowledge	and benefi.
SIGNATURE / Clames	TITLE BOOM	latory Analyst	DATE noincion+
)	,	DATE <u>02/26/2014</u>
e or print name Melanie J. Par State Use Only	rker E-mail address: mparker	wconcho.com	PHONE: <u>575-748-6940</u>
1//1	Volan !	"Geolo	gist" DATE 2-27-2014
APPROVED BY: (if any): \(\sqrt{1} \)	TITLE	Jeolo	YISL DATE & &/ XUY
P/	vovide C102		

DISTRICT	[
14G H. PERICE	DR.	MONTH,	KOK	CHAIR

State of New Mexico

Porm C-102

DISTRICT II 1201 V. CRAIG ATENTIS, ANTESIA, MM REDIG

OIL CONSERVATION DIVISION

Revised October 12, 2010 Submit to Appropriate District Office State Lease - 4 Copies For Lease - 3 Capies

DISTRICT III 1000 RED BRAZOS ED., AZTEC, NW 87410 11885 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT CI AMENDED REPORT LITTLE IL ST. PRANCES IN., MARCA VEL'EM MYSON API Number | Pool Code Pool Name 30-015-41141 Hay Hollow; Bone Spring 30215 Property Code Property Name Vall Number SRO STATE COM 308169 43H DORID No. Operator Name Devallon COG OPERATING, LLC 229137 3113

Surface Location

			Surface Location									
UL or lot No.	Bestion 1	Township	Range	Lot lân	Feet from the	North/Bouth line	Foot from the	Sert/Vert line	County	١		
D	. 17	26-S	28-E		190	NORTH	990	WEST	EDDY	l		

Bottom Hole Location If Different From Surface

ı	UL or let No.	Bection		. !	Range	Lot 14n	Post from the	Nerth/Bouth Line	Feet from the	East/West Line	County
J	М	20	26-	s	28-E		330	SOUTH .	990	WEST	EDDY
	Dedicated Acres	Joint e	r Infill	Cos	solidation (Coda Or	der No.	·		·	
	320	1 :	ł								

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

W = [Manager a : A : We			
990 0 190	Y=381864.0 N	,	appropriate appartmental
S Bao S C	X=568166.0 E	;	OPERATOR CERTIFICATION
	1 1		I hereby certify that the information
用 / 膨 一 新 1		·	hards to true and complete to the best of my knowledge and bollef, and that this
			errebission eliber eves a verting interest
		} .	or unlessed mineral interest in the land
H 248 (4)	1 1	;	incheding the proposed bettem hale location or has a right to drill this wall at this
566850	•	1	focation purvount to a contract with an event of such mineral or working interest,
		: ,	or to a voluntary pooling agreement or a compulsory pooling order hardefers entered
1=381851.5 1=36850.6	* [,	compulsity pooling order herelefters solered by the division.
\$ N		SURFACE LOCATION	
	1 1	Y=381669.J N	N 1 1 7 2 2 2 1 1 1
	1	X=567841.8 E	MIChe Kee 5-6-14
	1 .	LAT.=32.049135* N	Signature C Date
		LONG.=104.114368° W	Mayte Reyes
		;	11
82.0	1 1	,	Printed Name
	1	1	mreyes1@concho.com
			SURVEYOR CERTIFICATION
	SECTION 17		BOUTETON CERTIFICATION
1	SECTION 20	;	I berely certify that the well lecetion
4 0.7			shown on this plot was plotted from field notes of actual surveys mode by two ar
部 異色状	1 1	' ;	moist of actual surveys made by the streets
	' [noder my experision, and that the name is true and correct to the bast of my battor.
		PROPOSED BOTTOM	{ }
		HOLE LOCATION	
a 一、 特殊 ()。	•	Y=371661.7 N	JULY 24, 2012
	1 1	X=567853.3 E	
	1 1	LAT.=32.021623" N	Signature Sully HARCROW
૱ []	—:— — — —	LONG.≃104.114397 W	Steneture
371342.8 566864.3 566864.3	1 1	•	Professional Surveyor
32	1 [
213	, '	;	
		• •	((NAM HEXIDIAN 8 EN 12 !!
別数 22			13(3,4)
			12/12/21
	1 1 1		Cartificate RA THE MIRESON STATES
\\\\\ 990' \B\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Y=371328.3 N		Programme
330	X=568185.8 E	SCALE-1"=2000"	Cartificate 14 Cart Blancos 1777
with marks and market and	X-000100,0 C		A 41-2012

District I 1625 N. French Dr., Hobbs.	NIM 8824G	5	State of N	lew Mexico			Form (August 1,	
Phone:(576) 393-6161 Fax: District II	(676) 202 0720	nerov. Mi	nerals ai	nd Natural Resou	ırces		Permit 19	10858
11 S. First St., Artesia, NA hone:(575) 748-1283 Fax: District III	88210			ation Division		WELL API NUM 30-0	SER 15-41141	
1000 Rio Brazos Rd , Aztec Phone:(505) 334-6178 Fax:				t Francis Dr.		5. Indicate Type S	of Lease	
District IV 1220 S. St Francis Dr., Sani Phone:(508) 476-3470 Fax:		;	Santa Fe	, NM 87505		6. State Oil & Ge	s Lease No.	
(DO NOT USE THIS FORM PERMIT' (FORM C-101) FO	FOR PROPOSALS TO DRILL OR TO DI	TICES AND RE	_,		FOR		r Unit Agreement Name STATE COM	
1. Type of Well.						8. Well Number 043F	I	
Name of Operator COG OPERA	TING LLC					9. OGRID Numbe 2291		
3. Address of Operator One Concho (Center, 600 W. Illinois Ave, Midland	L TX 79701				10. Pool name or	Wildcet	-
Unit Letter D Section 17 Pit or Below-grade Tank App	3113	Ine and feet 28E NMPM whether DR, KB, ST GR	Cour	from the W Ene				
		est fresh water well	Distance from	nearest surface water				
Pit Liner Thickness:	mii — Selow-Grade Tank: Volume	abb;	Construction Maten	4				
12. Check Appropriate Box	to Indicate Nature of Notice, Report or Off NOTICE OF INTENTION TO		·		SUBSEQUENT RE	BODT OF		
PERFORM REMEDIAL WO	XRK ☐ PLUG	AND ABANDON	□	REMEDIAL WORK	C	ALTER CASIN	IG .	2
TEMPORARILY ABANDON PULL OR ALTER CASING Other:	***	GE OF PLANS IPLE COMPL	מם	COMMENCE DRILLING OPNS. CASING/CEMENT JOB Other: Spud			BANDON	X
13. Describe proposed or con diagram of proposed comple	mpleted operations. (Clearly state all pert	nent details, and give p	eriment dates, inclu	ding estimated date of stanting any pro	posed work.) SEE RU	LE 1103. For Multip	ile Completions: Attach wal	Rbore
8/2/2014 Spudded well.	kon or recompletion							
	primation above is fine and complete to the		and belief. (further	cerbfy that any pit or below-grade tank	t has beenfulk be con:	संग्रादास्त्रं or closed s	coording to NMOCD	
SIGNATURE	Electronically Signed	_ TITLE	Production F	Reporting Mgr	D/	NTE.	8/14/2014	
Type or print name	Diane Kuykendati	E-mail address	dkuykendaik	@conchoresources.com	Te	lephone No.	432-683-7443	
For State Use Only:								
APPROVED BY:	Randy Dade	TITLE	District Supe	ervisor		TE	8/15/2014	

<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 District (575) 393-6161 Fax: (575) 393-0720 Trict II

S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Road, Azice, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 Obtrict IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462 NM OIL CONSERVATION

State of New Mexico ARTESIA DISTRICT Energy, Minerals & Natural Resources Department 2015

OIL CONSERVATION DIVISION

1220 South St. Francis Dr. Santa Fe, NM 87505

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

	API Numbe	r		² Pool Code	e e		³ Pool Na	me		
30	-015-4114	41		30215	one Spring	ring				
Property	Code				* Property	Name		6 Well Numb		
40113	2				SRO State	e Com			43H	
OGRID.	No.				* Operator	Name	· · · · · · · · · · · · · · · · · · ·		9 Elevation	
22913	7				COG Operat	ting LLC		ļ	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	
,, <u>,</u>			пВ	ottom Ho	le Location I	f Different From	m Surface			
UL-or let no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County	
M	20	26S	28E		351	South	918	West	Eddy	
[‡] Dedicated Acres	Joint or	r Infill 14 C	onsolidation	Code 15 Or	der No.			<u>-</u>	_ -	
320										
	ì	}								

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.

,961			
16 990 A □ □ SHĽ		•	17 OPERATOR CERTIFICATION I hereby certify that the information consulted herein is true and complete to the best of my knowledge and helief, and that this organization either owns a working interest or unleased mineral interest in the land including
			the proposed bottom hale 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 valuatury pooling agreement or a compulsary pooling order heretofore entered by the division.
			Signature Date Stormi Davis Printed Name
	·	Sec 17-T26S-R28E	sdavis@concho.com E-mail Address
	,	Sec 20-T26S-R28E	18SURVEYOR 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
Producii 8139-1			and correct to the best of my belief. Date of Survey
			Signature and Seal of Professional Surveyor: REFER TO ORIGINAL PLAT
918			Certificate Number