District II 811 S. First St., Artesia, NM 88210 District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised August 1, 2011

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

Submit one copy to app	propriate District Office
	AMENDED REPORT

2H

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT Operator Name and Address ² OGRID Number **COG Production LLC** 217955 2208 W. Main Street ³ Reason for Filing Code/ Effective Date Artesia, NM 88210 NW⁴ API Number ⁵ Pool Name ⁶ Pool Code 30 - 015-43015 Hay Hollow; Bone Spring / 30215 -⁷ Property Code 8 Property Name ⁹ Well Number

II. 10 Surface Location

38980

Ul or lot no.	Section 22	Township 26S	Range 28E	Lot Idn	Feet from the 191	North/South Line North	Feet from the 332	East/West line East	County Eddy

Cottonmouth 23 Federal Com

11 Bottom Hole Location

Ul or lot no.	Section 23	Township 26S	Range 28E	Lot Idn	Feet from the 338	North/South Li South	ne Feet from the 961	East/West line West	County Eddy
12 Lse Code F		ing Method Code F		onnection ate 2/16	¹⁵ C-129 Pern	nit Number	¹⁶ C-129 Effective	Date 17 C-1	29 Expiration Date

Δ". 10.0

Transporter	19 Transporter Name	²⁰ O/G/W
OGRID	and Address	
	Tiller Well Service	О
	221 S. College Ave Tyler, TX 75702	5. S.
241472	Southern Union Gas Services, Ltd	G
	301 Commerce Street – Ste 700 Fort Worth, TX 76102	
	NM OIL CONSERVATION ARTESIA DISTRICT	

MAY 2 3 2016

IV. Well Completion Data

ud Date 22 Ready Date 24/15 4/2/16	²³ TD 12910'	²⁴ PBTRECEIVED Perfo	orations ²⁶ DHC, MC 12787'
²⁷ Hole Size ²⁸ C	asing & Tubing Size	²⁹ Depth Set	30 Sacks Cement
17 1/2"	13 3/8"	383'	515
12 1/4"	9 5/8"	2558'	900
8 3/4"	5 1/2"	12910'	2775 sx (TOC @ 1810')
8 3/4"	5 1/2"	12910	27/5 sx (TO

Wall Test Date

V. Well Test	Data				
³¹ Date New Oil 4/8/16	³² Gas Delivery Date 4/22/16	³³ Test Date 5/4/16	³⁴ Test Length 24 Hrs	35 Tbg. Pressure	³⁶ Csg. Pressure 449#
³⁷ Choke Size	³⁸ Oil 431	³⁹ Water 1682	⁴⁰ Gas 1923		41 Test Method Flowing
been complied with	at the rules of the Oil Conse and that the information give of my knowledge and belief	en above is true and	Approved by: Title:	enservation division division Amar Hec-Adu	SION
Regulatory Analy E-mail Address: sdavis@concho.c Date: 5/18/16			Approval Date: 7 / 5 - 26 - / Pendin subseq	g BLM approvals wi uently be reviewed	- 11

Form 3160-5 (August 2007)

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO, 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS.

5. Lease Serial No. NMNM12559

	TO TICES AND REPORTS					141411410112333						
Do not use thi abandoned wei	6. If Indian, Allottee of	or Tribe Name										
SUBMIT IN TRI		7. If Unit or CA/Agre	ement, Name and/or No.									
I. Type of Well ☑ Oil Well ☐ Gas Well ☐ Oth	Well Gas Well Other COTTONMOUTH 23 FEDERAL C											
Name of Operator COG PRODUCTION LLC	Contact: STC E-Mail: sdavis@concho		S		9. API Well No. 30-015-43015							
3a. Address 2208 WEST MAIN ARTESIA, NM 88210		Phone No. (i : 575-748-		area code)		10. Field and Pool, or HAY HOLLOW;	Exploratory BONE SPRING					
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)					11. County or Parish,	and State					
Sec 22 T26S R28E Mer NMP	NENE 191FNL 332FEL					EDDY COUNTY	Y, NM					
12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICATE N	ATU	RE OF NO	TICE, R	EPORT, OR OTHE	R DATA					
TYPE OF SUBMISSION				TYPE OF A	CTION							
☐ Notice of Intent	☐ Acidize	□ Deeper	n		☐ Product	tion (Start/Resume)	☐ Water Shut-Off					
_	☐ Alter Casing	☐ Fractur	ге Тгеа	ıt	□ Reclam	ation	□ Well Integrity					
Subsequent Report	□ Casing Repair	□ New C	Constru	iction	□ Recom	plete	Other					
☐ Final Abandonment Notice	☐ Change Plans	Plug ar	nd Ab	andon	☐ Tempor	rarily Abandon						
	☐ Convert to Injection	Plug B	ack		□ Water I	Disposal						
following completion of the involved testing has been completed. Final At determined that the site is ready for f 1/25/16 to 2/4/16 MIRU. Tes (60). Injection test.	pandonment Notices shall be filed on inal inspection.) t 5 1/2" csg to 8500# for 15 m	ily after all requins. Good to 2806'. Test	uireme test. I	nts, including Perf 12837 o 8170# for	reclamatio -12847' · 30 mins.	n, have been completed, Good	and the operator has					
test. Perf Bone Spring 8339-1 5148806 gal fluid.	12787' (504). Acdz w/40824 <u>c</u>	gal 15% acid	d; Fra	c w/62173 ⁻	18# sand							
4/7/16 Began flowing back ar	nd testing.						NSERVATION A DISTRICT					
4/8/16 First date of production	n.						2 3 2016					
						DEC	`EIVED					
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #3394 For COG PROD					n System						
Name (Printed/Typed) STORMI	DAVIS	Т	itle	PREPARE	R_							
Signature (Electronic S	Submission)	ם	ate	05/17/201	6	اد.	liw z					
	THIS SPACE FOR F	EDERAL	OR S	STATE O	Ere .	equently be revie	weq ===					
		T			pend	equently be revice	_					
_Approved By	. 	L	Title		Sups 	scanned	. <u> </u>					
Conditions of approval, if any, are attache certify that the applicant holds legal or equ which would entitle the applicant to condi	nitable title to those rights in the subj	ect lease	Office									
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent					llfully to m	ake to any department or	agency of the United					

NM OIL CONSERVATION ARTESIA DISTRICT

MAY 2 3 2016

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

19. Type of Well		WELL	СОМРІ	LETION O	RRE	CON	/IPLETI	ON R	EPORT	AND LOG)	- (<i>12</i>)		ase Serial N MNM1255		
COC PRODUCTION LLC E-Mail: sdavis@concho.com	٠.	_	⊠ 1	New Well		_	-		☐ Plug	g Back	Diff. R	esvr.	6. If I	ndian, Allo	ottee o	
ARTESIA, NM 8210	2. Name o	of Operator	N LLC	E.	-Mail: s				I DAVIS			_	8. Lea	ase Name a	ind W	ell No. I 23 FEDERAL COM 2H
At surface New Fight System No.	3. Address										a code)		9. AP	I Well No.		30-015-43015
At top prod interval reported below See 23 T28S R28E Mer NMP At total depth See 23 T28		Sec 22	2 T26S F	R28E Mer NN	d in acc NP	ordan	ce with Fe	deral red	quirements	i)*			10. Fi HA	ield and Po AY HOLLO	ol, or DW; E	Exploratory BONE SPRING
At total depth Sec 23 T26S R28E Mer NMP At total depth SWBW 338FSI 961FMC 15. Date T.D. Renched 116. Date Completed 17. Depth 52													11. Se or	ec., T., R., Area Sec	M., or 22 T	Block and Survey 26S R28E Mer NMP
18. Total Depth: MD	At tota	Sec l depth SW	: 23 T268	S R28E Mer											ırish	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? 23. No 24. 25. 25. 25. 26. 26. 26. 26. 26. 27. 27. 28. 28. 27. 28. 28. 29. 29. 27. 28. 28. 29.	14. Date S 12/24/	pudded 2015					ied		I⊓D&	A	dy to Pi	rod.	17. E	levations (1 298	DF, K 10 GL	B, RT, GL)*
NONE Was DST run? Directional Survey? All Directional Survey?	18. Total	Depth:)	19. I	lug Back	T.D.:				20. Dept	th Brid	ge Plug Se	t;	
Floir Size Size/Grade Wt. (#/R.) Top (MD) Stage Cementer (MD) Stage Cementer (MD) Type of Cement Type of Ceme	21. Type I NONE	Electric & Oth	er Mecha	nical Logs Ri	ın (Sub	mit co	py of each)		22.	Was I	OST run?	Ē	No I	\neg Ye:	s (Submit analysis)
17.500	3. Casing a	and Liner Reco	ord <i>(Rep</i> e	ort all strings			Datte	C+	Com	No effi	. 0.	[e1. ·	.,_, T		_	
12.250	Hole Size	Size/G	rade	Wt, (#/ft.)								1 -		Cement 1	`op*	Amount Pulled
8.750								_				<u> </u>	-			
24. Tubing Record		1				_		_	2950	1	-	1	 			
Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	0.10	0.0	001 110			Ť	,20		2500		2170				1010	
Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)		 		 				+		<u> </u>		├	-+			
25. Producing Intervals 26. Perforation Record	24. Tubin	g Record								<u></u>		<u> </u>				
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status	Size	Depth Set (N	1D) F	acker Depth ((MD)	Siz	e De	pth Set (MD) F	Packer Depth (MD)	Size	Dep	oth Set (MI))	Packer Depth (MD)
A) BONE SPRING	25. Produc	ing Intervals				·	2	6. Perfo	ration Reco	ord				•		
B	ŀ				_				Perforated							
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 8339 TO 12787 SEE IN REMARKS 28. Production - Interval A Date First Treated Date Tested Production BBL MCF BBL Corr. API Gravity Gavity FLOWS FROM WELL Choke Tbg. Press. Csg. 24 Hr. Rate Five Press. Size Press. Press. Press. Size Press. Press. Press. Size Press. Press. Size Press. Press. Size Press. Press. Size Press. P		BONE SP	RING		8339		12787					0.43	10			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 8339 TO 12787 SEE IN REMARKS 28. Production - Interval A Date First Treatment Date Tested Production 104/08/2016 05/04/2016 24			_							12037 10 120	547	-		00	UND	ER CBP (@ 12806
Depth Interval 8339 TO 12787 SEE IN REMARKS 28. Production - Interval A Date First Treduced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity Flows FROM WELL Choke Tbg. Press. Csg. 124 Hr. Fivg. Press. Size Fivg. Press. Size Hay. Press. Rate Hay. Production Material Amount and Type of Material Amount and Type of Material Amount and Type of Material Amount and Type of Material Amount and Type of Material Amount and Type of Material Amount and Type of Material Amount and Type of Material Amount and Type of Material Amount and Type of Material BBL Gas Water BBL Gas Gravity Flows FROM WELL POW POW Also Device First Production Method FLOWS FROM WELL POW POW Also Device First Production Method FLOWS FROM WELL POW POW Also Device First Production Method FLOWS FROM WELL POW POW Also Device First Production Method FLOWS FROM WELL POW Also Device First Production Method FLOWS FROM WELL POW Also Device First Production Method FLOWS FROM WELL POW Also Device First Production Method FLOWS FROM WELL POW Also Device First Production Method FLOWS FROM WELL First Production Method FLOWS FROM WELL POW Also Device First Production Method FLOWS FROM WELL FIRST Production Method FLOWS FROM WELL FIRST Production Method FLOWS FROM WELL Also Device First Production Method FLOWS FROM WELL FIRST PRODUCTION METHOD FLOWS																
28. Production - Interval A 28. Production - Interval A 28. Production - Interval A 28. Produced 29. Production 2	27. Acid, I			ment Squeeze	, Etc.				Δ.	mount and Tar	ne of M	nterial				
Date First Produced Date Production Date Da	•	•		787 SEE IN	REMAR	KS	•			mount and 131	,¢ 01 ;•;	aicriai				
Date First Produced Date Production Date Da																
Date First Produced Date Production Date Da				+-												
Produced Date Date O5/04/2016 24 Production BBL MCF BBL Corr. API Gravity Gravity FLOWS FROM WELL	28. Produc	tion - Interval	A													
Choke Tbg, Press. Csg. Press. Si 449.0 Cli BBL MCF BBL Gas;Oil Ratio POW													Productio	n Method		
Size Five Press Rate BBL MCF BBL Ratio POW		1				_					ļ			FLOW	/S FR	OM WELL
28a. Production - Interval B Date First Test Hours Test Oil Gas Water Oil Gravity Gas Company Gas Com		Flwg.	Press.		BBL	N	1CF	BBL.	Ratio							
Jose First Test Hours Test Oil Gas Water Oil Gravity Gas and BRIM approved	28a Deade	Į			431		1923	168	2		Р	ow				wals will
treatment Date Treatment Description DRI MCE DRI Corr API Cravity - AUST Corr API Cravity			-									-		ng BLM	app	rovar
Totaled Date Tested Production and India Performance Production and Performance Production and P	roduced	Date	Tested	Production	BBL	N	1CF	BBL	Соп.		Gravity	P	endi	uneutl	h pe	LEALC
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status Subsequence and scanned BBL MCF BBL Ratio			Csg. Press.								Well St	atus	subse and	scanner	3	ر.

LAMAR BELL CANYON 2601 3408 BELL CANYON 3409 4630 BRUSHY CANYON 3409 4631 BONE SPRING LM 6295 7213 BELL CANYON 1ST BONE SPRING M 7214 8159 32. Additional remarks (include plugging procedure): Perfs 15%(Gal) Sand(#) Fluid(Gal) 12570-12787 1470 378857 392574 12245-12462 3024 453910 369348 11594-11811 3024 452913 369348 11594-11811 3024 452913 369340 11268-11487 3024 449595 366140 10947-11160 3024 452726 365862 10617-10834 3024 450732 365862				_					·····	al C	uction - Interv	28b. Prod
Char Pipe Peas Cig. Pipe Cig. Pipe		'roduction Method	Production N							Hours	Test	Date First
Size Production Interval D						1	ļ			<u> </u>		
Date Producted Date Test Production Date			Well Status							Flwg		
Chake The Press Cog. 124 Hr. Cog. 124 Hr. Cog. 124 Hr. Rate Bill. MCF Bill. Ratio Bill.					<u> </u>	1		<u> </u>		al D	iction - Interva	28c. Prod
Size Five		roduction Method	Production N									
30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name LAMAR ELL CANYON 2546 2600 BELL CANYON 3409 4630 BELL CANYON CHERRY CANYON 3409 4630 BONLS SPRING 15 BONE SPRING 7214 8159 32. Additional remarks (include plugging procedure): Perfs 15%(Gal) Sand(#) Fluid(Gal) 12570-12787 1470 378857 392574 12245-1246 3024 452957 372708 11919-12193 3024 45301 368970 11991-12193 3024 45301 368970 11947-11163 10324 45221 368862 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:				Well Status							Flwg.	
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name LAMAR 25-46 2600 BELL CANYON 2601 3408 CHERRY CANYON 3409 4630 BRUSHY CANYON 3409 BONE SPRING IM 6295 7213 BONE SPRING IM 7214 8159 32. Additional remarks (include plugging procedure): Perfs 15%(Gal) Sand(ff) Fluid/Gal) 12570-12767 1470 378857 392574 12245-12462 3024 453010 369348 11594-11811 3024 453010 369348 11594-11811 3024 453010 369348 11594-11811 3024 453010 369348 11594-11811 3024 453010 369348 11594-11811 3024 453020 368970 11268-11487 3024 445959 366140 10947-11169 3104 453072 365566 33. Circle enclosed attachments: Electrical/Mechanical Logs (I full set req'd.) 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions			_			<u> </u>	1	ed, etc.)	for fuel, vente	Sold, usea		
tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries. Formation Top Bottom Descriptions, Contents, etc. Name LAMAR BELL CANYON 2601 3408 CHERRY CANYON 3409 4630 BELL CANYON 4631 6294 BONE SPRING LM 6295 7213 1ST BONE SPRING T214 8159 32. Additional remarks (include plugging procedure): Perfs 15% (Gal) Sand(#) Fidul(Cal) 12570-1278 1470 378857 392574 12245-12462 3024 452957 372708 11919-12136 3024 452957 372708 11919-12136 3024 452957 372708 11939-12136 3024 452957 387208 11939-12136 3024 452957 387208 11939-12136 3024 45295 365862 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 5. Sundry Notice for plugging and attached information is complete and correct as determined from all available records (see attached instructions 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions		ation (Log) Markers	ormation (Lo	31. Fc				rs);	nclude Aquife	Zones (Ir	ary of Porous	30. Sumn
LAMAR 25.46 2600 RUSTLER TOS CHERRY CANYON 3409 4630 BRUSHY CANYON 4631 6294 BONE SPRING LM 6295 7213 BRUSHY CANYON 6295 7213 BRUSHY CANYON BONE SPRING LM 6295 7214 8159 RUSTLER 7214 RUS					ll drill-stem shut-in pressures	ntervals and flowing an	eof: Cored e tool opci	ontents there on used, tim	porosity and co tested, cushio	ones of p	ncluding depti	tests, i
LAMAR 25.46 2600 RUSTLER TOS CHERRY CANYON 3409 4630 BRUSHY CANYON 4631 6294 BONE SPRING LM 6295 7213 BRUSHY CANYON 6295 7213 BRUSHY CANYON BONE SPRING LM 6295 7214 8159 RUSTLER 7214 RUS	Тор	Name	N		s Contents etc	Descripti		Bottom	Ton		Formation	
BELL CANYON 2601 3409 4630 BRUSHY CANYON 4631 6294 BRUSHY CANYON 6295 7213 STRONE SPRING M 6295 7213 STRONE SPRING M 6295 7213 STRONE SPRING M 6295 7214 8159 32. Additional remarks (include plugging procedure): Perfs 15%(Gal) Sand(#) Fluid(Gal) 12570-12787 1470 37885 7392574 12570-12787 1470 37885 7392574 12245-12462 3024 452957 372708 1199-12136 3024 453010 368348 11594-11811 3024 445959 368140 10947-11160 3024 452021 368970 11268-11487 3024 445959 368140 10947-11160 3024 450732 365862 10617-10834 3024 450732 365862 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Directional 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:	Meas. Depth				s, contents, etc.	Descripti		ļ			romation	
33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Solution of the state of t	527 816 2428 2546 2601 3409 4631 6295	AR L CANYON RRY CANYON SHY CANYON	OS BOS AMAR BELL CANY CHERRY CA BRUSHY CA	TC BC L/ BI CI BI				3408 4630 6294 7213 8159	2601 3409 4631 6295 7214 olugging proce) Fluid(Gal) 7 392574 7 372708 0 369348 1 368970 5 366140 5 365862	Sand(#) 378857 452957 453010 452201 449595 452726	CANYON CANYON CANYON RING LM E SPRING 0-15%(Ga) 0-12787 Ga) 0-12462 3024 0-12136 3024 0-12136 3024 0-11811 3024 0-1160 3024	32. Additi Perfs 11557 1156 1194
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:												
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other: 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)	l Survey	ort 4. Directional	Report	3. DST Re	Report	2. Geologi		q'd.)	s (1 full set re			
	-		-	7 Other:	· ·			verification	g and cement	r pluggin	idry Notice fo	5. Sui
Electronic Submission #339474 Verified by the RLM Well Information System		ecords (see attached instructions	ole records (s	om all availabl	ect as determined fr	plete and co	ation is co	hed informa	oing and attacl	the foreg	y certify that	34. I herel
For COG PRODUCTION LLC, sent to the Carlsbad		em.	System.						Electr			
Name (please print) STORMI DAVIS Title PREPARER				ARER	Title <u>PRE</u>				DAVIS	STORM	(please print)	Name
Signature (Electronic Submission) Date 05/17/2016				/2016	Date <u>05/17</u>			on)	nic Submis <u>si</u>	(Electro	ure	Signa
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or age of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.	ncy	make to any department or ager	ly to make to	y and willfull	nny person knowing	it a crime fo	212, make	C. Section 1	Title 43 U.S.C	1001 and	S.C. Section	Title 18 U

Additional data for transaction #339474 that would not fit on the form

32. Additional remarks, continued

10292-10509 3024 451458 363468 9963-10183 3024 449550 369012 9641-9858 3024 447726 366660 9315-9532 3066 447348 363636 8990-9200 3024 451268 362754 8664-8881 3024 452412 362250 8339-8556 3024 427478 359562 Totals 40824 6217318 5148806

Surveys are attached.

Additional Tops: 1st Bone Spring 7214'