Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG									
Well	☑ Oil Well	□ Gas Well	□ Dry	□ Other					

	WELL (	COMPL	ETION C	R RE	CO	MPLET	ION R	EPOR	RT.	AND L	OG			ease Serial I IMNM1235				
1a. Type of	f Well 🛛	Oil Well	Gas	Well		ry 🗆	Other						6. If	Indian, All	ottee o	or Trib	e Name	_
b. Type of	f Completion	<b>⊠</b> N	lew Well	☐ Wo	rk Ove	er 🗖	Deepen	□ P	Plug	Back	☐ Diff.	Resvr.	L					
		Oth	er										7. U	nit or CA A	green	nent Na	ame and No	
2. Name of COG C	Operator	LLC	E	-Mail: a		Contact: /@conch		A AVE	RY					ase Name ROT HEL			L COM 60	1H
3. Address	ONE CON			) W ILI	INOI	S AVENI		Phone: 575-		. (include -6940	area coo	e)	9. A	PI Well No		25-46	065-00-S1	
4. Location	of Well (Re	port locat	ion clearly an	d in acc	cordan	ce with F	ederal rec	quireme	nts)	*				Field and Po				
At surfa	Sec 35 ice NENE	250FNL	34E Mer NN 407FEL 32	ЛР .18056	0 N La	at, 103.4	33556 W	/ Lon						ED HILLS ED HILLS			RINGS RING, NOF Cand Survey	₹TH
At top r	orod interval i		Sec	35 T24	IS R3	4E Mer N	NMP		+ 10	13 <i>4</i> 3355	56 W L o	n	01	r Area Se	M., o	Γ24S F	Rand Survey R34E Mer I	, MF
	Sec	2 T25S	R34E Mer N	MP					ι, ι	30.40000	70 VV LO			County or P	arish	13	3. State	
At total		SE 51FS	L 282FEL 3	2.1523 ate T.D.			433125		<b>N</b> oto :	Complete	.d			EA Elevations (	DE V	D DT	NM CL)*	
08/09/2	2019			/30/20		neu			) & <i>I</i>	Complete A <b>⊠</b> /2020	Ready to	Prod.	17. 1	342	20 GL		, GL)	
18. Total D	Depth:	MD TVD	22913 12694		19. 1	Plug Bacl	T.D.:	MD TVI			330 694	20. De	pth Bri	dge Plug Se	et:	MD TVD	22830 12694	
21. Type E	lectric & Oth	er Mecha	nical Logs R	un (Sub	mit co	py of eac	h)					s well core	d?	<b>⊠</b> No	☐ Ye	s (Sub	mit analysis	)
												s DST run' ectional Su	rvey?				mit analysis mit analysis	
23. Casing a	nd Liner Reco	ord (Repo	ort all strings	set in v	vell)													
Hole Size	Size/G	rade	Wt. (#/ft.)	To (Ml	^	Botton (MD)	"	Cemen Depth	nter		f Sks. & f Cemen	Slurry (BE		Cement 7	Гор*	A	mount Pulle	d
17.500	13.	.375 J55	61.0		0	11	13				9	64			C	)		
8.750	7.6	25 P110	29.7		0	120	00	54	28		18	50			0			
6.750	5.5	00 P110	23.0		0	229	13				16	70			C			
									_									
	1						_		$\dashv$			_				-		
24. Tubing	Record			<u> </u>														
Size	Depth Set (M	4D)   B	acker Depth	(MD)	Siz	ze D	epth Set (	MD)	Ps	acker Dep	th (MD)	Size	De	pth Set (M	<u>D) </u>	Packe	er Depth (M	D)
2.875		1786		11776		30 130	pui set (	1112)		acker Bep	in (IIID)	BIEC		pui set (ivi	<u> </u>	rucke	z Bepui (ivi	<u> </u>
25. Produci	ng Intervals						26. Perfor	ration R	eco	rd								
Fo	ormation		Тор		Bot	tom	]	Perforat	ted I	Interval		Size	N	No. Holes		Per	f. Status	
A) BON	E SPRING I	EAST						12780 TO 228			22804	04		1470 OPE		ΞN		
B)	BONE SP	RING	1	2780		22804												
C)													_					
D)	racture, Treat	mant Car	mant Cayaan	Eto														
	•		ment Squeeze	e, Etc.					Λ	nount and	Trung of	Matarial						—
	Depth Interva		804 129,870	GAL 7	1/2%.	20.085.26	6# SAND	. 20.567		nount and 3 GAL FL		Materiai						
	1270	,0 10 <u>22</u>	004 1-2727		,,			,,	,									
	ion - Interval																	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL		il Gra orr. A		Gas Grav	vity	Producti	on Method				
04/26/2020	04/26/2020	24		499.	0	704.0	4077	'.0							GAS	LIFT		
Choke Size	Tbg. Press. Flwg. 3698	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL		as:Oi atio	1	Wel	Status	<u> </u>					
19/48	SI SUSO	845.0		499	- 1	704	407		-			POW						
28a. Produc	ction - Interva	ıl B																
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Water BBL		il Gra orr. A		Gas Grav	vity	Producti	on Method				
-				au:	$\dashv$		ļ											
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL		as:Oi atio	I	Wel	Status						

201 D 1	· •	1.0												
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method				
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravi	ity	Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status					
28c. Produ	uction - Interv	al D								_				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF			Gas Gravi	ity	Production Method				
Choke Size				Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status					
29. Dispos	sition of Gas(S	Sold, used	for fuel, vent	ed, etc.)			· ·							
	ary of Porous	Zones (In	clude Aquife	rs):					31. For	mation (Log) Markers				
tests, i	all important z ncluding deptl coveries.							res		, <i>G</i> ,				
	Formation		Top	Bottom		Description	s, Contents, et	tc.		Name	Top Meas. Depth			
32. Additi FIRST SECC	GALT SALT NYON CANYON CANYON CANYON RING 2ND  Onal remarks ( T BONE SPR DND BONE S	ING TOP	953 1479 5228 5508 5555 6516 9294 9294 9294	edure):		RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BONE SPRING 2NI BRUSHY CANYON				P OF SALT SE OF SALT MAR LL CANYON IERRY CANYON INE SPRING 2ND	953 1479 5228 5508 5555 6516 9294 9294			
33. Circle 1. Ele	enclosed attac	chments:				2. Geologic l	•		DST Rej	port 4. Directio	onal Survey			
5. Sur	ndry Notice for	r plugging	g and cement	verification	(	<ol><li>Core Anal</li></ol>	ys1s	7	Other:					
	by certify that  (please print)		Electr Committed	onic Submi Fo	ssion #5143 or COG OP	323 Verified ERATING	by the BLM V LLC, sent to DRAH HAM	Well Inforn the Hobbs	nation Sy 20 (20DN	MH0073SE)	ions):			
- (41110)	v · prom)		=											
Signature (Electronic Submission)								Date <u>05/06/2020</u>						
Title 18 II	S.C. Section	1001 and '	Title 43 II S (	C Section 1	212 make it	t a crime for	any person kno	owingly and	willfully	to make to any department or	agency			

of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

## Revisions to Operator-Submitted EC Data for Well Completion #514323

**Operator Submitted** 

**BLM Revised (AFMSS)** 

Lease:

NMNM123535

NMNM123535

Agreement:

Operator:

COG OPERATING LLC

2208 W MAIN STREET

ARTESIA, NM 88210 Ph: 575-748-6940

AMANDA AVERY

**REGULATORY ANALYST REGULATORY ANALYST** E-Mail: aavery@concho.com E-Mail: aavery@concho.com

Ph: 575-748-6940

Tech Contact:

Admin Contact:

AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com

Ph: 575-748-6940

Well Name: Number:

**BROT HELM FEDERAL COM** 

601H

Location:

NM State: County: LEA

Sec 35 T24S R34E Mer NMP S/T/R:

Surf Loc:

Field/Pool: RED HILLS; BONE SPRING

Logs Run:

Porous Zones:

Producing Intervals - Formations:

**BONE SPRING** 

RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR **BELL CANYON** 

CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE

Markers:

RUSTLER TOP OF SALT BOTTOM OF SALT

BOTTOM OF STREET
LAMAR
BELL CANYON
CHERRY CANYON
BRUSHY CANYON
BONE SPRING LIMESTONE

AMANDA AVERY

Ph: 432.685.4342

Ph: 575-748-6940

AMANDA AVERY

REGULATORY ANALYST E-Mail: aavery@concho.com

Ph: 575-748-6940

**BROT HELM FEDERAL COM** 

601H

NM LEA

Sec 35 T24S R34E Mer NMP NENE Lot A 250FNL 407FEL 32.180560 N Lat, 103.43356ENE 250FNL 407FEL 32.180560 N Lat, 103.433556 W Lon

COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287

**RED HILLS-BONE SPRINGS** 

BONE SPRING EAST BONE SPRING

**RUSTLER** TOP OF SALT BASE OF SALT LAMAR

**BELL CANYON** CHERRY CANYON BRUSHY CANYON **BONE SPRING 2ND** 

RUSTLER TOP OF SALT BASE OF SALT

LAMAR
BELL CANYON
CHERRY CANYON
BONE SPRING 2ND **BRUSHY CANYON**