Reclamation due: 12/14/20

## Rec'd 8/4/2020 - NMOCD

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 (	COMPL	LETION C	R RE	COM	PLETIO	N RE	PORT	AND L	.OG			ease Serial I IMNM1089			
1a. Type of	f Well 🛛	Oil Well	Gas	Well	☐ Dry	/ <b>O</b>	ther					6. If	Indian, Allo	ottee o	r Tribe N	lame
b. Type of	f Completion		lew Well	_	rk Over	☐ De	epen	Plu	g Back	☐ Diff. F	lesvr.	7 11			4 NT	1 NI-
		Oth	er									/. Ui	nit or CA A	.green	ent Nam	e and No.
Name of Operator										Lease Name and Well No.     HARRIER FEDERAL COM 301H						
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE No. (include area code) API Well No. (include area code) Ph: 575-748-6940 9. API Well No. (include area code) 30-025-45832-00-S1												2-00-S1				
4. Location	of Well (Rej	port locat	ion clearly an	d in acc	cordance	with Fede	ral requ	irements	s)*				Field and Po	ol, or	Explorate	ory
At surfa	ce SESW	375FSL	32E Mer ŇM . 1910FWL 3	32.0660				N Lon					ENNINGS <del>NKNOWN</del> ec., T., R.,	M or	· Block at	nd Survey
At top p	rod interval r	reported b	Sec elow SES	2 T269 W 375	S R32E FSL 19	Mer NMP 10FWL 32	) 2.06604	40 N Lat	t. 103.648	8080 W Lo	n	01	r Area Sec	2 T2	6S R32	E Mer NMP
At top prod interval reported below SESW 375FSL 1910FWL 32.066040 N Lat, 103.648080 W Lon Sec 35 T25S R32E Mer NMP At total depth NENW 51FNL 2300FWL 32.094113 N Lat, 103.646810 W Lon										12. County or Parish LEA NM						
14. Date Sp	_	100 3111			Reache		040010		e Complete	ed				DF. K		
06/28/2	2019			/01/20 <sup>2</sup>				□ D &		Ready to F	rod.	17. Elevations (DF, KB, RT, GL)* 3253 GL				
18. Total D	epth:	MD TVD	19779 9563	9	19. Pl	ug Back T.	.D.:	MD TVD		618 63	20. Dej	oth Brid	dge Plug Se	t:		19646 9563
21. Type E	lectric & Oth	er Mecha	nical Logs R	un (Sub	mit copy	y of each)				22. Was	well core	1?				t analysis) t analysis)
											tional Su	rvey?	No ∣			t analysis)
23. Casing ar	nd Liner Reco	ord (Repo	ort all strings	set in v	vell)											
Hole Size	Size/G	rade	Wt. (#/ft.)	То	^	Bottom	-	Cementer		f Sks. &	Slurry		Cement 7	Γο <b>p</b> *	Amo	unt Pulled
47.500	40	075 155	<u> </u>	(M)		(MD)	D	epth	Type o	of Cement	(BB	L)	•			
17.500 12.250		.375 J55 .625 J55	54.5 40.0		0	855 4619				725 1050			0		1	
8.750		00 P110	17.0		0	19762				4105			0		1	
6.750 5.500 F110		17.0			10702	7102		4103								
24. Tubing											ı					
	Depth Set (M		acker Depth		Size	Deptl	n Set (N	ID) I	Packer De	oth (MD)	Size	De	pth Set (MI	D)	Packer I	Depth (MD)
2.875 25. Producii		9007		8997	<u> </u>	26	Perfora	tion Rec	ord							
			Тор	П	Botto						Size	$\overline{}$	No. Holes		Perf. S	tatue
Formation A) BONE SPRING UPPER			Тор	Тор		1111	Perforated Interval 9852 TO 19			19556			1044	OPE		natus
B) BONE SPRING			9852		19556		3032 10 133									
C)																
D)																
27. Acid, Fr	racture, Treat	ment, Cer	ment Squeeze	e, Etc.												
]	Depth Interva			1/00/			04.000			l Type of M	<b>I</b> aterial					
	985	2 10 19	556 77389 7	1/2%,	19,600,18	BU# SAND;	21,298	,632 GAL	FLUID							
			_													
28. Producti	ion - Interval	A														
Date First	Test	Hours	Test	Oil	Gas		Vater		ravity	Gas		Producti	on Method			
roduced Date Tested 06/14/2020 06/14/2020 24		Production	BBL M		MCF BBL 228		Corr. API		Gravit	Gravity		GAS LIFT				
Choke Tbg. Press. Csg.		24 Hr.	Oil		Gas Wa		Gas:Oil		Well S	Well Status						
14/64	Flwg. SI 1020	Press. 924.0	Rate	BBL 63	MC	445	BL 2280	Ratio	7063		POW					
	tion - Interva					<u> </u>										
Date First	Test	Hours	Test	Oil	Gas		Vater		ravity	Gas		Producti	on Method			
Produced Date Tested 06/14/2020 06/14/2020 24		Production	BBL MCF 63.0 445.0		2F B 445.0	BBL Corr. 2280.0		API	API Gravity				GAS I	_IFT		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	s V	Vater	Gas:0		Well S	tatus					
Size 14/64	Flwg. 1020 SI	Press. 924.0	Rate	BBL 63	MC	2F B	BL 2280	Ratio			POW					

28b. Produ	iction - Interv	al C													
Date First Test Hours			Test	Oil	Gas	Water	Oil Gravity			Production Method					
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravit	ty						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status						
28c. Produ	iction - Interva	al D	1					ı							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravit	ty	Production Method					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well S	Status						
29. Dispos SOLD	sition of Gas(S	old, used	for fuel, vent	ed, etc.)	<u> </u>			ı							
	ary of Porous	Zones (Inc	clude Aquife	rs):					31. For	mation (Log) Markers					
tests, ii	all important z ncluding deptl coveries.							es		-					
	Formation		Тор	Bottom		Descriptions	c.		Name	Top Meas. Depth					
RUSTLER TOP OF S BASE OF S BASE OF S BELL CAN CHERRY ( BRUSHY ( BONE SPF	ALT SALT IYON CANYON CANYON		644 1037 4372 4602 4648 5625 7275 8824						TO BA LAI BE CH BR	RUSTLER TOP OF SALT 1037 BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND 8824					
	onal remarks (		ugging proce	edure):											
	enclosed attac ctrical/Mechai		(1 full eat ==	a'd )	,	2. Geologic R	enort	2	DCT Da	nort 4 Directio	mal Survey				
	dry Notice for	U	`	1 /		<ol> <li>Geologic R</li> <li>Core Analy</li> </ol>	-	3. DST Report 4. Directional Survey 7 Other:							
		the forego	ing and attac	hed informa onic Submi	tion is comp	olete and corre	ect as determine	ned from all Well Inform the Hobbs	available	e records (see attached instructistem.  0JAS0156SE)	ons):				
Name(please print) AMANDA AVERY								Title REGULATORY ANALYST							
Signati	Signature (Electronic Submission)								Date <u>07/23/2020</u>						
Title 18 II	S.C. Section	1001 and 7	Fitle 43 II S	C Section 1	212 make it	a crime for a	ny nerson kno	wingly and	willfully	to make to any department or a	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 #522745

**Operator Submitted** 

**BLM Revised (AFMSS)** 

NMNM108973

NMNM108973

Agreement:

Lease:

Operator:

Admin Contact:

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:

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

Ph: 575-748-6940

Well Name: HARRIER FEDERAL COM

301H Number:

Location:

State:

NM County: LEA

S/T/R:

Sec 2 T26S R32E Mer NMP

Surf Loc:

Field/Pool: JENNINGS UPPER BS SHALE

Logs Run:

Producing Intervals - Formations:

**BONE SPRING** 

Porous Zones:

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

HARRIER FEDERAL COM

301H

NM

LEA Sec 2 T26S R32E Mer NMP SESW Lot N 375FSL 1910FWL 32.066040 N Lat, 103.6486980W3756FSL 1910FWL 32.066040 N Lat, 103.648079 W Lon

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

**JENNINGS** 

BONE SPRING UPPER 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

BAGE OF CALL
LAMAR
BELL CANYON
CHERRY CANYON
BRUSHY CANYON
BONE SPRING 2ND