Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR RUPEAU OF LAND MANAGEMENT

OCD Artesia

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

O9/24/2018	(August 2007)			BUREAU							ין עטע	71 LC	:5	ia .		Expir	es: July	31, 201	0	
Depth Dept		WELL C	OMPL	ETION O	R RE	CON	APLET	TON R	EPOF	RT /	AND LO	OG								
2. Name of Operant Consect AMANDA AVERY Concern AMANDA AVERY	la. Type of	Well 🛭	Oil Well	☐ Gas \	Vell	D D	ry [) Other			•				6. If	Indian, Allo	ottee o	Tribe	Name	
Address 600 VILLINOIS AVENUE 3a. Phone No. (include area code) 9. API Well No. 30.015-44993-00-S1	b. Type of	Completion	_		_			Deepen	□ P	Plug	Back (☐ Diff	f. R	lesvr.	7. Ui	nit or CA A	greem	ent Nar	ne and l	No.
3. Address 600 WILLINGS AVENUE 23. Phone No. (reclude area code) 9. API Well No. (2014) 7. Sec. 24 11. 7. Sec. 24	2. Name of	Operator PERATING	LLC		-Mail: a				A AVE	RY									AL CO	M 13Y
At surface Sec. 25 T255 R26E Mer NMP At top prod interval reported below Sec. 17 T25 R26E Mer NMP At top prod interval reported below Sec. 17 T25 R26E Mer NMP At top prod interval reported below Sec. 17 T25 R26E Mer NMP At top prod interval reported below Sec. 17 T25 R26E Mer NMP At top prod interval reported below Sec. 17 T25 R26E Mer NMP At top prod interval reported below Sec. 17 T25 R26E Mer NMP At top prod interval reported below Sec. 17 T25 R26E Mer NMP At top prod interval reported Sec. 17 T25 R26E Mer NMP At top prod interval reported Sec. 17 T25 R26E Mer NMP		600 W ILL	INOIS A	VENUE				3a	. Phone h: 575-	No.	(include a	агеа со	de))	┵——					
At surface SESW 180FSL 2025FWL 32 0.90402 N. Lat, 10.4.248573 W. Lon	4. Location	of Well (Rej	port locati	on clearly an	d in acc	ordan	ce with F	ederal re	quireme	nts)'	•				10. I	rield and Po	ol, or	Explora	itory	CDDIN
At total depth NEW 22 FPKL 1865FW, 32. 22055 N Lat, 104.248873 W Lon At total depth NEW 22 FPKL 1865FW, 32. 22055 N Lat, 104.248824 W Lon 12. County or Parts 13. State 13. St		ce SESW	180FSL	2025FWL 3 Sec	32.0940 25 T25	S R2	6E Mer	NMP							11. 5	Sec., T., R.,	М., ог	Block	and Sur	vey
14. Date Spundfield 15. Date T.D. Reached 16/22/2018 20/20		Sec	: 24 T25S	elow SES R26E Mer	W 180 NMP	FSL 2	:025FW	L 32.094				573 W	Lo	n	12. (County or Pa			State	EI INIVIE
18. Total Depth: MD	14. Date Sp	oudded	444 22 11	15. Da	ite T.D.	Danol	nod		16. D	Date (Completed						DF, KI	3, RT, 0		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Type Electric & Other Mechanical Logs Run (Submit copy of each) 23. Casing and Liner Record (Report all strings set in well) 24. Tubing Record 25. Poduction 13.375 J55 54.5 0 250 0 2399 1050 0 26. Rys 17.500 13.375 J55 54.5 0 250 0 2399 1050 0 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval ABONE SPRING 7880 17530 26.6 0 26.0 0 23.95 16.20 26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material Test Pendiction BBL McF BBL Gravity G	06/07/2	018		6.	20-19) & <i>f</i> 9/24	/2018		o P						om	poste
Was DST rule Yes (Submit analysis) Yes (Submit a		•	TVD	7747	7766						1 78 774	7/76	5 <u>5</u>	20. D	epth Bri	dge Plug Se			17664 7 74 7	1755
Amount Pulled Size Size/Grade Wt. (#/ft.) Top	21. Type El	lectric & Oth	er Mecha	nical Logs R	un (Sub	mit co	py of eac	ch)				W	as .	DST rut	1?	X No ∣	🖺 Yes	(Subn	it analy	/sis)
Hole Size Size Crement Size Size Size Size St.	23. Casing ar	nd Liner Reco	ord (Repo	ort all strings	set in v	vell)					1			—					· · · · · ·	
12.250	Hole Size	Size/G	rade	Wt. (#/ft.)		•				nter					-	Cement 7	Гор*	Am	ount Pu	ılled
24. Tubing Record					ļ					_			_	_		<u> </u>	<u>_</u>			
24. Tubing Record										\dashv			_	_		 				
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	8.750	5.5	00 P 1 10	17.0			176	504				J:	JJ:							
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)						_				_	-,			-						
25. Producing Intervals 26. Perforation Record 27. Perforation 27. Perforation 27. Perforation 27. Perforation 27. Perforation 27. Perforated	24. Tubing	Record	<u></u>	L	<u> </u>								-	٠		l		L		
26. Perforation Record Size No. Holes Perf. Status	Size	Depth Set (M	1D) P	acker Depth	(MD)	Siz	ze D	epth Set	(MD)	Pa	cker Dept	th (MD))	Size	De	epth Set (Mi	D)	Packer	Depth	(MD)
Formation Top Bottom Perforated Interval Size No. Holes Perf. Status			7118	7108	7,885		—⊢,	26 D. G	· · · · · · · · · · · · · · · ·	L	,			<u> </u>						
A) BONE SPRING 7880 17530 7880 TO 17530 1620				Tom	-т	Pos		26. Perio					Т	S:-0	- 1 ,	No Holos		Dorf	Status	
B) C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 7880 TO 17530 SEE ATTACHED Amount and Type of Material 7880 TO 17530 SEE ATTACHED JAN 1 0 2019 DISTRICT II-ARTESIA O.C.D. 28. Production - Interval A Date First Production Date Test Production BBL MCF BBL Corr. API Gravity GAS LIFT Choke Tog. Press. Size Five, 675 Press. 475.0 Gas BBL MCF BBL Corr. API Gravity GAS Corr. API Gravity GAS Corr. API Gravity GAS Corr. API Gravity Froduction Method GAS LIFT Amount and Type of Material Oil Gravity Gas Gravity GAS LIFT Corr. API Gas. Oil Well Status ACCEPTED FOR RECORD Production Method GAS LIFT Corr. API Gravity Gas Gravity Froduction Method GAS LIFT Corr. API Gas. Oil Gravity GAS Corr. API Gravity DEC 1 5 2018 Choke Tog. Press. Size Five, Pre			RING	100	7880	DUI			renora			17530	†	3120	-			I CII.	Status	
D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 7880 TO 17530 SEE ATTACHED 3AN 1 0 2019 DISTRICT II-ARTESIA C.C.D. 28. Production - Interval A Date First Produced Date Tested Production BBL Gas MCF BBL Gravity 199/24/2018 09/25/2018 24 Oil Gravity 199/24/2018 09/25/2018 24 Oil Gas Water BBL Gas Oil Ratio 1982 Press. Size Five BBL Gravity 28a. Production - Interval B Date First Produced Tested Production BBL Gas Water BBL Gravity 28a. Production - Interval B Date First Test Hours Tested Production BBL Gas Water BBL Gravity 28a. Production - Interval B Date First Test Hours Tested Production BBL Gas Water BBL Gravity 28a. Production - Interval B Date First Frest Hours Tested Production BBL Gas Water BBL Gravity Gravity Gas Gravity District II-ARTESIA C.C.D. Well Status Production Method DEC 1 5 2018 Choke Tbg. Press. Csg 24 Hr. Oil Gravity G										•			I							
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 7880 TO 17530 SEE ATTACHED DISTRICT II-ARTESIA O.C.D. 28. Production - Interval A Date First Date Test Test Production 09/24/2018 09/25/2018 24 O.C.D. Choke Tbg. Press. Size Flvg. 675 Press. 475.0 Oil BBL MCF BBL MCF BBL Ratio 28. Production - Interval A District II-ARTESIA O.C.D. DISTRICT II-ARTESIA O.C.D. Oil Gas Water BBL Corr. API Gravity Gas Oil Gravity Gas Oil Gravity Gas Oil Gravity Froduction Method Gas Oil Ratio Production Method Production Method Production Method Oil Gas October One of the Corr. API Oil Gas October Octobe	C)	- 											\downarrow						J	JATY.
Depth Interval Test		racture Treat	ment Cer	ment Squeeze	- Ftc		l						I.				BE	CEIVE	D	1 1 0
Test Production - Interval A Date First Produced Date Tested O9/25/2018 24 Corr. API Choke Tbg. Press. Size First A475.0 Test BBL Oil Gas Water BBL Office First A475.0 Test BBL Oil Gas Water BBL Office First A475.0 Test BBL Oil Gas Water BBL Office First A475.0 Test BBL Oil Gas Water BBL Office First A475.0 Test BBL Office First A475.0 Test BBL Oil Gas Water BBL Office First Production Interval B Date First Test Test Production Interval B Date First Test Test Production BBL Oil Gas Water BBL Office First Production BBL Office First Production BBL Office First Production BBL Office BBL Office First Production BBL Office BBL Office First BBL Office First Production Method Date Tested Production BBL Office BBL Office BBL Office First BBL Office BBL Office First BBL Office BBL Office BBL BBL Office BBL BBL BBL Office BBL BBL BBL BBL BBL BBL BBL BBL BBL BB				ment Squeeze	e, Etc.					An	nount and	Туре о	of N	/aterial				_		
28. Production - Interval A Date First Test Date Trested Date Tested Date Date Tested Date Date Tested Date Date Date Date Date Date Date Date		788	30 TO 17	530 SEE AT	TACHE	D		*									JAN	10	2019	
28. Production - Interval A Date First Test Date Trested Date Tested Date Date Tested Date Date Tested Date Date Date Date Date Date Date Date																 				
Date First Date Produced Date Tested Date Tested Date Tested Date Production Date Production Date Date Tested Date Date Tested Date Date Date Date Date Date Date Date											·····					DISTRI	CTI	-ARTI	ESIA ().C.D.
Produced O9/24/2018 Date O9/25/2018 24 Production Choke Size Flwg. 675 SI Test Date Date First Produced Date First Produced Date Date First Produced Date First Produced Date First Date First Size Flwg. Size Flwg. Size Flwg. Size Flwg. Size Size Flwg.				<u> </u>	r				T a			- 1-			T				_	
Size 34/64 Flwg. 675 Press. 475.0 Rate 656 2073 2661 Ratio 2073	Produced	Date	Tested		BBL	- [1	MCF	BBL	C					ty	Product	tion Method	GAS I	.IFT		
34/64 SI 475.0 656 2073 2661 FAUCEPED FOR RECORD 28a. Production - Interval B Date First Date Date Tested Production Date Tested Production BBL MCF BBL Corr. API Gravity DEC 1 5 2013 Choke Size Five. Press. SI Press. SI Production McF BBL Ratio BBL MCF BBL Ratio	Choke										1	w	ell S	Status						
Date First Test Date Tested Production Date Tested Production Date Date Tested Production Date Date Tested Production Date Date Tested Production Date Date Date Date Date Date Date Date		-		Rate	l					Catto			J	A&C	EPT	ED FO	RR	ECC)RD	
Produced Date Tested Production BBL MCF BBL Corr. API Gravity DEC 1 5 2018 Choke Size Flwg. Press. Rate BBL MCF BBL Gas: SI BL MCF BBL Gas: Rate BBL MCF BBL Gas: Rate BBL MCF BBL Ratio Ratio	28a. Produc	tion - Interva	ıl B										I							
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Ratio Well Status Willer All OF 1 AND MANAGEMENT	Date First Produced													ry			2019	3		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Choke Size	Flwg.									1	W	ells	L	Diz	rech W	lez	w	2	-
	(See Instructi	<u> </u>	ces for ad	ditional data	on reve	rse sid	de)						+	RU	CARLS	<u>JE LAND M</u> SBAD FIEL	D OF		XI	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #446563 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

*** BLM REVISED *** BLM REVISED *** BLM REVISED *** BLM REVISED ***

28h Prod	uction - Interva	1.0											
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Ga		Production Method			
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gr	avity				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	ell Status	1			
28c. Prod	uction - Interva	il D		<u> </u>		 							
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Ga Gr	as ravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	ell Status	latus .			
29. Dispo	sition of Gas(S	old, used	for fuel, vent	ed, etc.)			•						
	nary of Porous	Zones (Inc	lude Aquife	ers):					31. For	mation (Log) Markers			
tests,	all important 2 including deptl coveries.	ones of po interval t	prosity and c ested, cushic	ontents there	eof: Cored in e tool open,	ntervals and flowing and	all drill-stem shut-in press	ures					
	Formation		Тор	Bottom		Descriptio	ns, Contents,	etc.		Name	Top Meas. Depth		
BRUSHY BONE SP BONE SP	SALT	(include p	311 1726 1922 1966 2817 3904 6428 6950	edure):					BO LA BE CH BR BO	P SALT OTTOM SALT MAR LL CANYON IERRY CANYON SUSHY CANYON ONE SPRING 1ST ONE SPRING 2ND	311 1726 1922 1966 2817 3904 6428 6950		
									_				
•••	e enclosed attac ectrical/Mecha		: () full set m	ea'd.)		2. Geologic	Report		3. DST Re	eport 4. Direction	nal Survev		
	indry Notice fo	_	•	•		6. Core An	•		7 Other:	, D 2000			
			Elect Committed	ronic Subm Fo	nission #446 r COG OP	563 Verifie ERATING	d by the BLM LLC, sent to AH NEGRE	1 Well Info the Carls! ΓE on 12/1	ormation Sy bad 1/2018 (19D		ons):		
Name (please print) AMANDA AVERY									NILEU KEI	NESCHIMINE			
Signa	iture	(Electror	ic Submiss	ion)			Dat	e <u>12/05/20</u>	018				
			·							<u></u>			

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

State of New Mexico DISTRICT I 1625 N. FRENCE DR., HOBBS, NM 88240 Phone: (575) 393-6161 Fax: (576) 393-0720 Energy, Minerals & Natural Resources Department DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Far: (575) 748-9720 OIL CONSERVATION DIVISION DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 67410 Phone: (505) 334-6178 Fax: (505) 334-6170

1220 SOUTH ST. FRANCIS DR. Santa Fe. New Mexico 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA PR. NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

☐ AMENDED REPORT

	WELL LOCATION AND A	ACREAGE DEDICATION PLAT	
API Number 30-015-44993	Pool Code 97494	Cottonwood Draw; Bone	Spring
Property Code	-	erty Name	Well Number
316775		R FEDERAL COM	13Y
ogrid No.	• · · · · · · · · · · · · · · · · · · ·	tor Name	Elevation
229137		RATING, LLC	3242.1'

Surface Location UL or lot No. Section Township Lot Idn Feet from the North/South line Feet from the East/West line Range County Ν 25 25-S 26-E 180 SOUTH 2025 WEST **EDDY**

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	25-S	26-E		221	NORTH	1865	WEST	EDDY
Dedicated Acre	Joint o	r Infill	Consolidation	Code Or	der No.	,			

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

SEE PAGE 2 PAGE 1 OF 2 W.O. # 18-1534 DRAWN BY: AM

Property Code Property Name Well Number ROADRUNNER FEDERAL COM 13Y Elevation OGRID No. Operator Name COG OPERATING, LLC 3242.1' Y=408368.9 N X=568230.3 E 1865 Y=408378.0 N NAD 83 NME X=566915.7 E PROPOSED BOTTOM HOLE LOCATION Y=408153.5 N LOWER PERF - 17,530 X=567468.7 F 355' FNL & 1859' FWL LAT.=32.122065 N LONG.=104.248924° W LEASE X-ING LAT.=32.115397 LONG.=104.248924 BOREPATH SHOWN HEREON IS BASED ON DIRECTIONAL SURVEY REPORT PROVIDED BY COG OPERATING, LLC FOR THE ROADRUNNER FEDERAL COM #137 SUPPLIED TO HARCOW SURVEYING, LLC ON NOVEMBER 9, 2018 1200 0 1200 BERBER SCALE: 1"=1200' OPERATOR CERTIFICATION PRODUCING I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organisation either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. SECTION 24 SECTION 25 12/4/18 Signature Date <u>Amanda Avery</u> LEASE X-ING Printed Name LAT.=32.104480° LONG.=104.248995 aavery@concho.com SURVEYOR 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 and correct to the best of my belief. MAY 16, 2018/JUNE 21, Date of Survey/Date of Geographic Survey Signature & Seal of Professional Surveyor HARCROM MEXICO NAD 83 NME SURFACE LOCATION Y=397959.6 N UPPER PERF - 7,880' X=567616.3 E 605' FSL & 1935' FWL LAT.=32.094042* N LONG.=104.248473" W KICK OFF POINT - 7,125' 2025' tarrow 12/4/18 W 17777 180 Certificate No. CHAD HARCROW Y=397778.3 N Y=397781.2 N X=566908.7 E W.O. # 18-1534 PAGE 2 OF 2 DRAWN BY: AM X=568228.9 E