## FEB 2 5 2020

Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERPORT OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG													5. Lease Serial No. NMNM54398						
Ia. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other												6. If	6. If Indian, Allottee or Tribe Name						
b. Type of	Completion	<b>⊠</b> N Othe	lew Well er	□ Wo	rk Ov	er [	Dee	pen [ 	<b>)</b> Plug	Back		iff. F	Resvr.	7. U	nit or CA	Agreer	nent l	Name and	No.
2. Name of COG O	Operator PERATING	LLC	E	-Mail: a	aaver	Contac y@con		ANDA A\	/ERY						ase Name				02H
3. Address 2208 W MAIN STREET 3a. Phone No. (include area code) 9. API Well No. Ph: 575-748-6940 30-015-45831													31						
4. Location of Well (Report location clearly and in accordance with Federal requirements)*												10. Field and Pool, or Exploratory							
Sec 12 T24S R28E Mer NMP At surface NENE Lot A 1014FNL 620FEL 32.236874 N Lat, 104.034304 W Lon Sec 12 T24S R28E Mer NMP												PURPLE SAGE; WOLFCAMP  11. Sec., T., R., M., or Block and Survey							
At top prod interval reported below NENE Lot A 1014FNL 620FEL 32.236874 N Lat, 104.034304 W Lon Sec 11 T24S R28E Mer NMP													or Area Sec 12 T24S R28E Mer NN 12. County or Parish 13. State				er NMF		
At total depth NWNW Lot D 678FNL 201FWL 32.237947 N Lat, 104.066275 W Lon												E	DDY	_		NM			
14. Date Spudded 04/20/2019 15. Date T.D. Reached 06/26/2019 16 Date Completed D & A ■ Ready to Prod. 11/23/2019										rod.	17. Elevations (DF, KB, RT, GL)* 2975 GL								
18. Total Depth: MD 20139 19. Plug Back T.D.: MD 20048 20. Depth Bridge Plug Set: MD 20057 TVD 9889 TVD 9889											7								
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  22. Was well cored? Was DST run?  No  Yes (Submit analysis) Yes (Submit analysis)																			
•••		1 /2	<del></del>									Direc	tional Su	rvey?	□ No			bmit analy	
23. Casing ar	d Liner Reco	ord (Repo	ort all strings	Τ		Rotte	[	Stage Cen	anter	No. o	f Ske	8.	Shum	Vol			Т		
Hole Size	ole Size Size/Grade		Wt. (#/ft.)	ft.) Top (MD)		Bottom (MD)		Dept		No. of Sks. & Type of Cement		Slurry Vol. (BBL)		Cement Top*			Amount Pu	ılled	
26.000	1	000 J55	94.0 61.0	<del> </del>		1					650				0		-		
	17.500 13.375 J55											1500			-	(	+		
12.250	8.500 5.500 P110 12.250 9.625 L80		20.0 47.0	<del>                                     </del>		<del>                                     </del>						4350 1600					<u>}</u>		
12.200	<u> </u>	020 200	47.0			<u> </u>	,200					1000	1				1		
•																			
24. Tubing	Record	<del></del>												Ţ					
	Depth Set (N		acker Depth		Si	ze	Depth	Set (MD)	P	acker Dep	oth (M	ID)	Size	De	pth Set (M	ID)	Pac	ker Depth	(MD)
2.875 25. Producii		9421		9411			26. F	Perforation	n Reco	rd									
	ormation		Ton	Top Be			<del></del>		Perforated Interval				Size		No. Holes	1	P	erf. Status	
A) WOLFCAMP			•	10200		20032		10200 TO 20			2003			1600 OPE					
В)									OK										
C)									$\overline{}$			_/_	/ ·						
D)			. 6				1		`	7		4		i		<u> </u>			
_			ment Squeeze	e, Etc.					Λ		1 T	C N	4t						
	Depth Interva	0 TO 20	032 SEE AT	TACHE	D INF	ORMAT	ION	-2:-	AI	nount and	ттурс	01 N	чатепат						
	1020	0 10 20	002										-						
												,							
	on - Interval													,					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Gas MCF	Wa BB	iter L	Oil Gr Соп. А			Gas Gravit	y	Producti	on Method				
01/20/2020	01/20/2020	24		420	.0	1967.0	<u> </u>	4529.0	<u> </u>							GAS LIF			
		24 Hr. Rate	Oil BBL		Gas W MCF BI		iter IL	Gas:Oil Ratio		l Well S		l Status .							
20/64	SI	1500.0	_	420			1967		4529		PC		PGW						
28a. Produc	tion - Interva	l B																	
		Test Production	Oil BBL			Wa BE	iter BL	Oil Gravi Corr. AP				Gas Gravity		Production Method					
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Wa BE	nter BL	Gas:O: Ratio	il		Well S	tatus	L					
	SI			<u></u>															





	uction - Interv	·	In .	Lau	I.a.	Tee	120.2			1			
Date First Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		ias Fravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	V	Vell Status				
28c. Prodi	uction - Interv	al D	<u> </u>			1	<b>.</b>						
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		ias Fravity	Production Method			
Choke Size	Tbg. Press. Csg. 24 Hr. Flwg. Press. Rate			Oil Gas BBL MCF		Water BBL	Gas:Oil Ratio	V	Vell Status				
29. Dispos	sition of Gas(S	Sold, used j	for fuel, vent	ed, etc.)	<b>1</b>		<u>- I                                   </u>						
30. Summ	ary of Porous	Zones (Inc	lude Aquife	rs):					31. For	mation (Log) Markers			
tests, i	all important a ncluding depti coveries.							ures		_			
Formation			Тор	Bottom		Description	ons, Contents,	etc.		Name	Top Meas. Depth		
32. Additi AVAL FIRS' SECC THIRI	OF SALT OF SAL	include pl 7111 ING 74 PRING	28 8227	edure):					TOI BO' LAN BEI CHI BRI	STLER P OF SALT TTOM OF SALT MAR LL CANYON ERRY CANYON USHY CANYON NE SPRING LIMESTONE	477 981 2529 2714 2751 3638 4866 6444		
33 Circle	enclosed attac	hments:											
1. Ele	etrical/Mecha adry Notice fo	nical Logs	•			2. Geologio 6. Core An	-		<ul><li>3. DST Rep</li><li>7 Other:</li></ul>	port 4. Direction	nal Survey		
34. I herel	oy certify that	the forego	-	onic Submi	ission #5031	749 Verifie	rrect as detern d by the BLM LLC, sent to	l Well Info	ormation Sys	records (see attached instructionstem.	ons):		
Name	(please print)	AMANDA	AVERY				Title	e <u>REGUL</u>	ATORY AN	ALYST			
Signat	ure	(Electroni	ic Submissi	on)		Date	Date 02/19/2020						
Title 18 U	S.C. Section	1001 and 7	Fitle 43 U.S.	C. Section 1	212, make i	t a crime fo	r any person k	nowingly :	and willfully	to make to any department or a	gency		
of the Uni	ted States any	false, ficti	tious or frad	ulent statem	ents or repre	esentations	as to any matte	er within it	s jurisdiction	,	S /		