HOBBS OCU Form 3160-4 (August 2007) DEC \$\frac{1}{4} \tag{2018} **UNITED STATES** DEPARTMENT OF THE INTERIOR

OCD Hobbs

FORM APPROVED OMB No. 1004-0137

BUREAU OF LAND MANAGEMENT	Expires: July 31			
COMPLETION OR RECOMPLETION REPORT AND LOG	5. Lease Serial No. NMNM26394			

	12-											N	MNM26394	+			
la. Type of	-	Oil Well										6. If Indian, Allottee or Tribe Name					
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other											7. Unit or CA Agreement Name and No.						
Name of Operator Contact: FATIMA VASQUEZ CIMAREX ENERGY COMPANY E-Mail: fvasquez@cimarex.com												Lease Name and Well No. VACA DRAW 20-17 FEDERAL 5H					
3. Address 600 N. MARIENFELD SUITE 600 MIDLAND, TX 79701 3a. Phone No. (include area code) Ph. 432-620-1933 9. API Well No. 30-025-44150-00-S													1				
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 20 T25S R33E Mer NMP											10. Field and Pool, or Exploratory WILDCAT BONE SPRING						
At surface SWSW 390FSL 610FWL 32.109737 N Lat, 103.600685 W Lon Sec 20 T25S R33E Mer NMP											11. Sec., T., R., M., or Block and Survey or Area Sec 20 T25S R33E Mer NMP						
At top prod interval reported below SWSW 448FSL 713FWL 32.110062 N Lat, 103.600540 W Lon Sec 17 T25S R33E Mer NMP At total depth NWNW 330FNL 384FWL 32.136951 N Lat, 103.600159 W Lon											12. C	County or Pa		13. State	TAIVII		
14. Date Spudded 15. Date T.D. Reached 16. Date Completed 02/28/2018 □ D & A ■ Ready to Prod.											17. Elevations (DF, KB, RT, GL)* 3423 GL						
08/06/2018											epth Bridge Plug Set: MD						
TVD 9978 TVD TVD											(Submit analys	ie)					
3423 G	L					ppy or cach	,			Was	DST run?		No [] Yes	(Submit analys (Submit analys	is)	
23. Casing an	d Liner Reco	ord (Repo	rt all strings			Bottom	Store	e Cemente	No of	Clea Pr	Chum	Vol	1	- 1			
Hole Size	Size/Gi	rade	Wt. (#/ft.)			(MD)	1 -	Depth		No. of Sks. & Type of Cement		Slurry Vol. (BBL)		Cement Top*		led	
8.750 17.500		375 J-55	48.0		13557 0 1052					075			0				
8.500		0 P-110	20.0	-	0	1959			875 3615			3		3964			
12.250	9.6	25 J-55	40.0		38	488					1745			0			
							+-		-		+		<u> </u>				
24. Tubing	Record			<u>. </u>		L			1				<u> </u>			—	
	Depth Set (M		cker Depth		Si	ze De	oth Set	(MD)	Packer Dept	h (MD)	Size	De	pth Set (MI))	Packer Depth (1	MD)	
3.500 25. Producir		9478		9458		12	6. Perfo	ration Rec	ord		<u> </u>	I	-			—	
	ormation		Тор		Bo	ttom		Perforated			Size	ı	No. Holes		Perf. Status		
A) BONE	SPRING UF	PER							9726 TO	19525			1025	PRO	DUCING		
B)	BONE SPI	RING	·	9023								_					
D)	 											+-		·	-		
	acture, Treat	ment, Cer	nent Squeeze	e, Etc.						L							
1	Depth Interva								mount and	Type of l	Material						
	972	6 TO 19	25 415,175	BBLS	FLUID	& 20,516,9	96# SA	ND							 		
			_														
28. Producti	ion - Interval	A Hours	Test	Oil		Gas	Water	loite	Gravity	Gas		Product	ion Method				
Produced 08/06/2018	Date 09/07/2018	Tested 24	Production	BBL 1412	ŀ	MCF 2574.0	BBL 440	Corr.	. API	Gravi	ty	locue		S FRO	OM WELL		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	Gas:		Well	Status						
49	SI 879			141		2574	440		1823	`	POW	VCC	FPTE) [I	OR RECO	1BD	
	tion - Interva		7-	10::			I	1				100) [T	ON NEOC		
Date First Produced 08/06/2018	Test Date 09/07/2018	Hours Tested 24	Test Production	Oil BBL 1412	ł	Gas MCF 2574.0	Water BBL 440	Согт	Gravity . API 49.0	Gas Gravi	ty	Produc			3,2018 3MVPHB		
Choke Size	Tbg. Press. Flwg. 879	Csg. Press.	24 Hr. Rate	Oil BBL		Gas MCF	Water BBL	Gas:		Well	Status		11.	10	11. 4		
49	SI	32.0		141		2574	44	07	1823	`	POW	- RV	Mean	M	MANAGEME	<u> </u>	
(See Instructi ELECTRON							WELL	INFORM	IATION SY	STEM		טט	CARLSB	AD FI	ELD OFFICE		

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

Pulamation Duli 2/6/20/9

28h Prod	luction - Inter	val C											······		
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity		Gas	1	Production Method				
Produced	Date	Tested	Production	BBL	MCF	BBL	Соп. АРІ	ľ	Gravity						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Statu	Status					
	SI														
	uction - Inter														
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity		Production Method				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Statu	il Status					
29. Dispo	sition of Gas	(Sold, used	for fuel, vent	ed, etc.)								•			
	nary of Porou	s Zones (In	clude Aquife	rs):					3	1. Forn	nation (Log) Mar	rkers			
tests,	all important including dep ecoveries.	zones of poth interval	orosity and c tested, cushic	ontents ther on used, tim	eof: Core e tool ope	d intervals and on, flowing and	all drill-stem shut-in press	ures							
	Formation		Тор	Bottom		Description	ons, Contents,	etc		Name					
			<u>.</u>	Bottom				Cic.		Me					
BONE SF	PRING		9023	SHALE; OIL & GAS						RUSTLER 59					
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32. Addit	tional remark	s (include p	lugging proc	edure):											
															
	e enclosed att		o (1 f .H 4	odd)		2 Control	Danam		2 0	СТ D	o et	4 Dim at	nal Cumia:		
	ectrical/Mech indry Notice :	·				 Geologie Core An 	•			3. DST Report 4. Directional Survey 7 Other:					
<i>3.</i> 3t	nim y Notice	ioi piuggiii	g and cement	vermeation		o. Cole All	aiysis		, 01	iici .					
34. I here	by certify that	nt the forego	oing and attac	hed inform	ation is co	omplete and co	rrect as deterr	mined from	n all av	ailable	records (see atta	ched instruction	ons):		
	,,		-	ronic Subn	ission #4	36974 Verifie	d by the BLM	4 Well In	formati	ion Sys			,		
		•	`ommitted to			K ENERGY C sing by DUNC					DW0010SE)				
Name	e(please prin				n proces	and by Done		le REGUI		•	•				
1 vann	c(preuse prin	IAIIIIA	THOGOLL	-				14200	<u> </u>		12101				
Siana	ature	(Electron	nic Submiss	ion)			Dat	te 09/25/2	2018						
Signa		(=:00:01	Cabinios	.~/			Dat						. •		
Title 18 V	U.S.C. Sectionited States ar	n 1001 and ny false, fic	Title 43 U.S. titious or frac	C. Section lulent staten	1212, mal nents or re	ce it a crime for	r any person k as to any matt	knowingly ter within	and wi	llfully t diction.	o make to any d	epartment or a	gency		