



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

01/04/2023

Operator Name CIMAREX ENERGY COMPANY	Well Name VACA DRAW 20-17 FEDERAL	Well Number 58H	US Well Number 3002546120
SHL SESE Sec 20 25S 33E	County LEA	State NM	Lease Number(s) NMNM026394, NMNM26394, NMNM26394
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name VACA DRAW 20-17 FEDERAL	Well Pad Number E2E2 PAD 1	ID 10400034515

Section 1 - General

Well Completion Report Id:	Submission Date: 03-25-2022	
BLM Office: Carlsbad Field Office	User: KANICIA SCHLICHTING	Title: Regulatory Analyst
Federal/Indian: FEDERAL	Lease Number: NMNM026394	Lease Acres:
Agreement in place?: NO	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?:		
APD Operator: CIMAREX ENERGY COMPANY		

Section 2 - Well

Field/Pool or Exploratory:	Pool Name: WC-025 G-06	Field Name: Russell
Well Type: OIL WELL		
Spud Date: 04-12-2021		
Date Total Measured Depth Reached: 07-09-2021		
Drill & Abandon or Ready To Produce: READY TO		
Well Class: HORIZONTAL		

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
BONE SPRING 2ND	SANDSTONE		-7162	10583	10583	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-8301	11722	11722	NATURAL GAS, OIL	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
WOLFCAMP	SANDSTONE		-8768	12212	12212	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM26394	NMNM26394	NEW		POW	12-12-2021	12-12-2021	wolfcamp	12489	22319	Y	.32	1624	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	537562	28631043	

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Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	44.9		Flows from well		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1		24	1970	4664	5736	2367				2373

Well Location

Survey Type: RECTANGULAR	Survey Number:	
Datum: NAD83	Vertical Datum: NAVD88	Reference Datum: GL

Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State
SESE	20	33E	25S	FEL	900	FSL	390				NMNM26394	FEDERAL	3399	-103.588675	32.10989	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO

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	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.109297	-103.58941	-8261	FEDERAL	NMNM 26394				589	FSL	1127	FEL	25S	33E	20	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.110445	-103.589139	-8903	FEDERAL	NMNM 26394				390	FSL	1040	FEL	25S	33E	20	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.13744	-103.589114	-8947	FEDERAL	NMNM 26394				150	FNL	1041	FEL	25S	33E	17	NENE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.167577	-103.58911	-8971	FEDERAL	NMNM 26394				100	FNL	1040	FEL	25S	33E	17	NENE

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
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Casing and Liner

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00	SURFACE	14.75	0	1015	10.75	40.5	J-55		OTHER	BT&C	
00	PRODUCT ION	6.75	0	11669	5.5	23	OTHER	CYP-110	OTHER	BK-HT	
00	INTERME DIATE	9.875	0	12526	7.625	29.7	L-80		OTHER	TMK UP Ultra FJ	
00	INTERME DIATE	9.875	12526	12526	7.625	29.7	L-80		OTHER	TMK UP Ultra FJ	
00	PRODUCT ION	6.75	11669	22356	5.0	18	P-110		OTHER	BT&C	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C	500	1.74	0	Class C	290	1.84	0	250
00	PRODUCT ION		0	0	0	0					0
00	INTERME DIATE		35:65 (Poz:C)	861	3.19	0	POZ/H	170	1.12	0	523.1
00	PRODUCT ION		POZ	1575	3.11	9720					872.4

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Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	NO

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Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: CIMAREX ENERGY COMPANY

Signed By: KANICIA SCHLICHTING

Title: Regulatory Analyst

Signed on: 03/25/2022

Street Address: 600 N MARIENFELD ST SUITE 600

City: MIDLAND

State: TX

Zip: 79701

Phone: (432)571-7894

Email address: KANICIA.SCHLICHTING@COTERRA.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

Final_Surveys___Cimarex_Vaca_Draw_20_17_Federal___20220307122317

30025461200000_GAMMA_Vaca_Draw_20_17_Federal_58H_MD_5_20220307122712.pdf

VACA_DRAW_20_17_FEDERAL_E2E2_PAD_1___AS_DRILLED___12_28_21_20220307124004.pdf

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 174515

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 174515
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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CONDITIONS

Action 174515

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	Future submittal of BLM approved 3160-4 please include all formations tops.	2/20/2025