



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

# Well Completion Print

06/22/2023

<b>Operator Name</b> CIMAREX ENERGY COMPANY OF COLORADO	<b>Well Name</b> RED HILLS UNIT	<b>Well Number</b> 130H	<b>US Well Number</b> 3002546325
<b>SHL</b> NWNW Sec 32 25S 33E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM0106040A
<b>Well Type</b> CONVENTIONAL GAS WELL	<b>Well Status</b> Drilling Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b>
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> RED HILLS UNIT 32-5 W2W2	<b>Well Pad Number</b> PAD 1	<b>ID</b> 10400030567

## Section 1 - General

**Well Completion Report Id:** 33690**Submission Date:** 02-19-2021**BLM Office:** Carlsbad Field Office**User:** SARAH JORDAN**Title:** Regulatory Analyst**Federal/Indian:** FEDERAL**Lease Number:** NMNM0106040A**Lease Acres:** 240**Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****APD Operator:** CIMAREX ENERGY COMPANY OF COLORADO

## Section 2 - Well

**Field/Pool or Exploratory:****Pool Name:** Wolfcamp**Field Name:** WC-025 G-09**Well Type:** CONVENTIONAL GAS**Spud Date:** 01-29-2020**Date Total Measured Depth Reached:** 05-04-2020**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
RUSTLER	ANHYDRITE, DOLOMITE		3376	869	869	USEABLE WATER	

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### Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	SALT		2088	1288	1288	NONE	
BASE OF SALT	SALT		-1292	4668	4668	NONE	
LAMAR	SHALE		-1495	4871	4871	NONE	
BELL CANYON	SANDSTONE		-1532	4908	4908	NONE	
CHERRY CANYON	SANDSTONE		-2604	5980	5980	NONE	
BRUSHY CANYON	SANDSTONE		-4140	7516	7516	NONE	
BONE SPRING	LIMESTONE, OTHER, SANDSTONE, SHALE	Carbonate	-6032	9408	9408	NATURAL GAS, OIL	
WOLFCAMP	SHALE		-8729	12105	12105	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	NMNM0106040A	NMNM0106040A	NEW		PGW	12-09-2020	12-09-2020	WOLFCAMP	12360	22020	Y	.42	1288	OPEN

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### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	455033	9999999	Actual - 23,022,891 # sand

### 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	45.7		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	12/27/2020	24	1667	3725	6041	2234				3938

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### Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum:

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Acres
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.093248	-103.601273	3396	N/A	N/A	STATE	STATE				390	FNL	490	FWL	25S	33E	32	NW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.093211	-103.600064	-8353	11770	11749	STATE	STATE				403	FNL	864	FWL	25S	33E	32	NW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.072528	-103.600005	-8856	19558	12252	FEDERAL	NMNM0160973				2640	FNL	868	FWL	26S	33E	5	NW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.076161	-103.600008	-8858	18235	12254	FEDERAL	NMNM01060404				1320	FNL	882	FWL	26S	33E	5	SW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.092286	-103.600005	-8797	12360	12193	STATE	STATE				740	FNL	869	FWL	25S	33E	32	NW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.079797	-103.600067	-8854	16912	12250	FEE	FEE				0	FNL	865	FWL	26S	33E	5	NW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.065761	-103.600033	-8856	22020	12252	FEDERAL	NMNM0160973A				169	FSL	873	FWL	26S	33E	5	SW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.065575	-103.600036	-8857	22088	12253	FEDERAL	NMNM0160973				101	FSL	873	FWL	26S	33E	5	SW

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### 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)
00	SURFACE	14.75	0	1010	10.75	40.5	J-55		BUTT		
00	INTERMEDIATE	9.875	0	11574	7.625	29.7	L-80		BUTT		
00	PRODUCTION	6.75	0	11658	5.5	23	P-110		OTHER	BK-HT	
00	INTERMEDIATE	8.75	11571	12429	7.625	29.7	L-80		FJ		
00	PRODUCTION	6.75	11658	22088	5.0	18	HCP-110		BUTT		

#### 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	550	1.66	0	Class C	225	1.34	0	216.3
00	INTERMEDIATE	4800	Class C	900	3.11	0	Class H	280	1.23	0	2145.1

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00	INTERMEDIATE		Class C	1440	1.89	0					2145.1
00	PRODUCTION		Class H	1160	1.22	7000					252
00	PRODUCTION		0	0	0	0					0

### 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 OF COLORADO

**Signed By:** SARAH JORDAN

**Title:** Regulatory Analyst

**Signed on:** 09/07/2022

**Street Address:** 600 N MARRIENFELD STREET

**City:** MIDLAND

**State:** TX

**Zip:** 79701

**Phone:** (432)620-1909

**Email address:** DL\_PBUREGULATORY@COTERRA.COM

### Field

**Representative Name:** Sarah Jordan

**Street Address:** 600 N Marienfeld St., Suite 600

**City:** Midland

**State:** TX

**Zip:** 79701

**Phone:** (432)620-1909

**Extension:**

**Email address:** sarah.jordan@coterra.com

### Attachments

red\_hills\_130h\_rcbl\_20210218174803.pdf

Red\_Hills\_Unit\_130H\_5MD\_20210218174817.pdf

Red\_Hills\_Unit\_130H\_5TVD\_20210218174826.pdf

Final\_Dir\_Survey\_Red\_Hills\_32\_5\_Fed\_Com\_130H\_20210218174841.pdf

C102\_Red\_Hills\_32\_5\_Federal\_Com\_130H\_AsDrilled\_20210218174938.pdf

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C104\_Red\_Hills\_32\_5\_Fed\_Com\_130H\_20210218174948.pdf

C102\_Red\_Hills\_32\_5\_Federal\_Com\_130H\_AsDrilled\_UPDATED\_1280\_20220907134419.pdf



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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/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 231678

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 231678
	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.

Sante Fe Main Office  
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CONDITIONS

Action 231678

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/15/2025