



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

Well Completion Print

11/20/2023

Operator Name TAP ROCK OPERATING LLC	Well Name MAN HANDS FED COM	Well Number 218H	US Well Number 3002547809
SHL NENE Sec 34 24S 35E	County LEA	State NM	Lease Number(s) NMNM138890
Well Type CONVENTIONAL GAS WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s) NMNM141169A
Allottee/Tribe Name	Well Pad Name MAN HANDS	Well Pad Number E2E2	APD ID 10400055210

Section 1 - General

Well Completion Report Id: 79650**Submission Date:** 08-12-2021**BLM Office:** Carlsbad Field Office**User:** BILL RAMSEY**Title:** Regulatory Analyst**Federal/Indian:** FEDERAL**Lease Number:** NMNM138890**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** NO**APD Operator:** TAP ROCK OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** Middle Bone Spring**Field Name:** WC-025 G-07**Well Type:** CONVENTIONAL GAS**Spud Date:** 01-16-2021**Date Total Measured Depth Reached:** 03-10-2021**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	OTHER	None	3274	0	0	NONE	
RUSTLER	ANHYDRITE		2689	585	594	OTHER	Salt
TOP SALT	SALT		2095	1179	1188	OTHER	Salt
BASE OF SALT	SALT		-1620	4894	4899	OTHER	Salt
LAMAR	LIMESTONE		-1902	5176	5181	NONE	
BELL CANYON	SANDSTONE		-1934	5208	5213	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2811	6085	6097	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4404	7678	7691	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5643	8917	8931	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5899	9173	9186	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6807	10081	10096	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7454	10728	10743	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-8545	11819	11840	NATURAL GAS, OIL	
WOLFCAMP	SANDSTONE		-8812	12086	12206	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SANDSTONE	A Lower	-8917	12191	12532	NATURAL GAS, OIL	

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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	NMNM138890	NMNM138890	NEW		PGW	07-17-2021	07-17-2021	WOLFBO NE	12695	22786	Y	.6	624	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	557824		48 stage frac with 23,659,747 lbs of 100 mesh 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			FLows FROM WELL		SOLD	

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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	08/02/2021	24	2307	2279	4172	987	38/64	0	0	2700

Well Location

Survey Type: RECTANGULAR

Survey Number: 11401

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MID (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MID (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1805101	-103.3492358	3274	N/A	N/A	FEDERAL	NMNM138890				265	FNL	741	FEL	24S	35E	34	NENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1815128	-103.3481082	-8896	12472	12170	FEDERAL	NMNM138890				100	FSL	393	FEL	24S	35E	27	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1815128	-103.3481082	-8896	12472	12170	FEDERAL	NMNM138890				100	FSL	393	FEL	24S	35E	27	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2099854	-103.3479335	-8881	22848	12155	FEDERAL	NMNM138890				100	FNL	342	FEL	24S	35E	22	NENE

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	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	Aliquot/Lot/Tract
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.210 1752	-103.34 79357	-8878	229 19	121 52	FEDERAL	NMNM 13889 0				31	FNL	342	FEL	24S	35E	22	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)
00	SURFACE	17.5	0	1040	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	4955	7.625	29.7	P-110		BUTT		
00	INTERMEDIATE	12.25	0	5290	9.625	40	J-55		BUTT		
00	PRODUCTION	6.75	0	11331	5.5	23	P-110		OTHER	Blue	

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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	INTERMEDIATE	8.75	4955	11595	7.625	29.7	P-110		OTHER	W-513	
00	PRODUCT ION	6.75	11331	22903	5.5	23	P-110		OTHER	W-521	

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	605	1.72	0	Class C	550	1.34	0	316.6
00	INTERMEDIATE		None	0	0	0					0
00	INTERMEDIATE		Class C	1182	1.74	0	Class C	414	1.33	3300	464.4
00	PRODUCT ION		None	0	0	0					0
00	INTERMEDIATE		Class C	455	2.23	4000	Class C	143	1.35	10550	215.1
00	PRODUCT ION		Class C	313	1.45	2055	Class C	788	1.17	8600	245

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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: TAP ROCK OPERATING LLC

Signed By: BILL RAMSEY

Title: Regulatory Analyst

Signed on: 11/06/2023

Street Address: 523 PARK POINT DRIVE SUITE 200

City: GOLDEN

State: CO

Zip: 80401

Phone: (720)360-4028

Email address: BRAMSEY@TAPRK.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

TAPROCK_PERMIAN_MAN_HANDS_FED_COM_218H_CURVE_AND_LATERAL_FINAL_20210812150022.pdf

Man_Hands_Fed_Com_218H_Surveys_20210812150051.pdf

Man_Hands_Fed_Com_218H_C_102_As_Drilled_20210419_20210812150051.pdf

Wellhead_and_Christmas_Tree__2023_03_06_14.45_20230306144640.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 287270

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 287270
	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 287270

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	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/16/2025