



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

# Well Completion Print Report

08/26/2021

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> MULVA FED COM	<b>Well Number</b> 211H	<b>US Well Number</b> 3002547343
<b>SHL</b> SWSW Sec 27 24S 35E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM138893, NMNM138893
<b>Well Type</b> OIL 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> Mulva Fed Com	<b>Well Pad Number</b> W2	<b>ID</b> 10400049926

## Section 1 - General

**Well Completion Report Id:** 46129**Submission Date:** N/A until DB Work**BLM Office:** Carlsbad Field Office**User:** BILL RAMSEY**Title:** Regulatory Analyst**Federal/Indian:** FEDERAL**Lease Number:** NMNM138893**Lease Acres:** 240**Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:** NO**APD Operator:** TAP ROCK OPERATING  
LLC

## Section 2 - Well Information

**Field/Pool or Exploratory:** Field/Pool**Pool Name:** Wolfbone**Field Name:** WC-025 G-09 S243532M;**Well Type:** OIL WELL**Spud Date:** 10-06-2020**Date Total Measured Depth Reached:** 11-21-2020**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

## Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
QUATERNARY	OTHER	None	3281	0	0	NONE	
RUSTLER	ANHYDRITE		2603	678	683	NONE	

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### Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		2009	1272	1277	OTHER	Salt
BASE OF SALT	SALT		-1702	4983	4988	OTHER	Salt
DELAWARE	OTHER	Mountain gp	-1938	5219	5224	OTHER	Salt
CHERRY CANYON	SANDSTONE		-2945	6226	6231	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4466	7747	7753	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5747	9028	9036	NATURAL GAS, OIL	
UPPER AVALON SHALE	SANDSTONE		-5788	9069	9075	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-7015	10296	10303	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7626	10907	10914	NATURAL GAS, OIL	
WOLFBONE	SANDSTONE		-8665	11946	11954	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A X	-9009	12290	12422	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Y	-9059	12340	12519	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Lower	-9136	12417	12693	NATURAL GAS, OIL	

### Completion and Completed Intervals

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### Completion Data

Status of Interval	Number of Holes	Perforation Size	Interval Perforated?	Interval Bottom (MD)	Interval Top (MD)	Formation	Date First Produced	Date Completed	Completion Status	Describe Well Completion Type	Well Completion Type	Lease Number	Case Number	Interval Number	Completion Code	Wellbore Code
OPEN	988	.46	Y	20428	12733	WOLFBO NE	02-19-2021	02-07-2021	POW		NEW	NMNM138893	NMNM138893	1	S1	00

### Treatment Data

Treatment Remarks	Total Proppant (lbs)	Totle Fluid (bbls)	Treatment Type	Interval Treated?	Interval Number	Completion Code	Wellbore Code
38 stage frac with 19,397,526 lbs of 100 mesh sand.		442240	ACID FRAC	Y	1	S1	00

### Production Data

Describe Disposition	Disposition of Gas	Describe Production	Production Method	Gas Gravity	API Oil Gravity	Interval Number	Completion Code	Wellbore Code
	SOLD		FLows FROM WELL			1	S1	00

### Test Data

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

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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	03/01/2021	24	1919	1849	4511	963	40/64	0	0	1600

### Well Location

Survey Type: RECTANGULAR

Survey Number: 11401

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

	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
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1825013	-103.3618038	3281	FEDERAL	NMNM138893				458	FSL	655	FWL	24S	35E	27	SWSW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1809681	-103.3624117	-9148	FEDERAL	NMNM138893				100	FNL	467	FWL	24S	35E	34	NWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1809681	-103.3624117	-9148	FEDERAL	NMNM138893				100	FNL	467	FWL	24S	35E	34	NWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1776131	-103.3627745	-9203	FEE	FEE				1320	FNL	375	FWL	24S	35E	34	SWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1667275	-103.3627635	-9146	FEE	FEE				0	FNL	330	FWL	25S	35E	3	Lot 4

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PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1703553	-103.3627883	-9147	FEDERAL	NMNM138895				1320	FSL	395	FWL	24S	35E	34	SWSW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1596607	-103.3627901	-9132	FEE	FEE				2571	FNL	347	FWL	25S	35E	3	SWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1594789	-103.3628015	-9130	FEE	FEE				2637	FSL	344	FWL	25S	35E	3	SWNW

### 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	1029	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	4990	7.625	29.7	P-110		BUTT		

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### 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	INTERMEDIATE	12.25	0	5323	9.625	40	J-55		BUTT		
00	PRODUCT ION	6.75	0	11471	5.5	23	P-110		OTHER	Blue	
00	INTERMEDIATE	8.75	4990	11704	7.625	29.7	P-110		OTHER	W 513	
00	PRODUCT ION	6.75	11471	20542	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 (bbls)
00	SURFACE		Class C	775	1.72	0	Class C	350	1.34	600	320.9
00	INTERMEDIATE		None	0	0	0					0
00	INTERMEDIATE		Class C	1189	2.18	0	Class C	420	1.33	4250	561.1
00	PRODUCT ION		None	0	0	0					0
00	INTERMEDIATE		Class C	465	2.23	3750	Class C	139	1.35	10750	218.1
00	PRODUCT ION		Class H	313	2.02	4000	Class H	783	1.24	10800	285.5

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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 Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	NO

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### Operator Certification

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:** 05/24/2021

**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

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Extension:**

**Email address:**

### Attachments

TAPROCK\_PERMIAN\_MULVA\_FED\_COM\_211H\_CURVE\_AND\_LATERAL\_FINAL\_20210310091320.pdf

Mulva\_Fed\_Com\_211H\_Final\_Surveys\_20210310091343.pdf

Mulva\_Fed\_Com\_211H\_C\_102\_As\_Drilled\_20201215\_20210310091343.pdf



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS  
  
Action 45337

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45337
	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.

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CONDITIONS  
  
Action 45337

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45337
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/20/2021