



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

Well Completion Print Report

08/26/2021

Operator Name TAP ROCK OPERATING LLC	Well Name MULVA FED COM	Well Number 111H	US Well Number 3002547341
SHL SWSW Sec 27 24S 35E	County LEA	State NM	Lease Number(s) NMNM138893, NMNM138893
Well Type OIL WELL	Well Status Approved Application for Permit to Drill	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Manhands Fed Com	Well Pad Number W2	ID 10400049936

Section 1 - General

Well Completion Report Id: 76851	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:
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: Middle Bone Spring	Field Name: WC-025 G-07 S243517D;
Well Type: OIL WELL		
Spud Date: 01-06-2021		
Date Total Measured Depth Reached: 02-09-2021		
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	3279	0	0	NONE	
RUSTLER	ANHYDRITE		2447	832	841	OTHER	Salt

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Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
SALADO	SALT		-1729	5008	5017	OTHER	Salt
BASE OF SALT	SALT		-1869	5148	5157	OTHER	Salt
LAMAR	LIMESTONE		-2051	5330	5339	NONE	
BELL CANYON	SANDSTONE		-2079	5358	5361	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2959	6238	6244	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4476	7755	7763	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE		-5766	9045	9052	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-6011	9290	9298	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-7005	10284	10394	NATURAL GAS, OIL	

Completion and Completed Intervals

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	NMNM138893	NMNM138893	NEW		POW	05-15-2021	06-24-2021	BONE SPRING 1ST	10384	18100	Y	.55	481	OPEN

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Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	432332		37 stage frac with 19,434,195 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	

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	07/01/20 21	24	1021	1737	4158	1701	64/64	0	0	1047

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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	32.1812779	-103.361465	3279	FEDERAL	NMNM138893				13	FSL	760	FWL	24S	35E	27	SWSW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1814148	-103.3614327	-6453	FEDERAL	NMNM138893				63	FSL	770	FWL	24S	35E	27	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1809679	-103.3618179	-7012	FEDERAL	NMNM138893				100	FNL	651	FWL	24S	35E	34	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1776127	-103.3617568	-7152	FEE	FEE				1320	FNL	650	FWL	24S	35E	34	NWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1667277	-103.3617692	-7178	FEE	FEE				0	FNL	645	FWL	25S	35E	3	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1703552	-103.3617471	-7164	FEDERAL	NMNM138895				1320	FSL	652	FWL	24S	35E	34	SWSW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1596594	-103.3618368	-7161	FEE	FEE				2572	FSL	642	FWL	25S	35E	3	SWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1594528	-103.3618405	-7160	FEE	FEE				2647	FSL	641	FWL	25S	35E	3	SWNW

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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	17.5	0	993	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	5284	9.625	40	J-55		BUTT		
00	PRODUCTION	8.75	0	18215	5.5	23	T-95		OTHER	Blue	

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	730	1.72	0	Class C	715	1.34	600	394.3
00	INTERMEDIATE		Class C	1161	1.74	0	Class C	448	1.33	4300	465.9
00	PRODUCTION		Class H	882	3.01	0	Class H	1459	1.65	9500	901.6

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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: 07/07/2021

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

MULVA_FED_COM_111H_5INCH_CURVE_AND_LATERAL_FINAL_20210616090241.pdf

Mulva_Fed_Com_111H_C_102_As_Drilled_20210419_20210616090313.pdf

Mulva_Fed_Com_111H_Surveys___Final_20210616090415.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 57342

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 57342
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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District IV
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CONDITIONS

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	Action Number: 57342
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	10/21/2021