



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 212H	US Well Number 3002547787
SHL SESW Sec 27 24S 35E	County LEA	State NM	Lease Number(s) NMNM138895, NMNM138890, NMNM138890
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name MULVA	Well Pad Number E2W2	ID 10400055019

Section 1 - General

Well Completion Report Id: 46133**Submission Date:** N/A until DB Work**BLM Office:** Carlsbad Field Office**User:** BILL RAMSEY**Title:** Regulatory Analyst**Federal/Indian:** FEDERAL**Lease Number:** NMNM138895**Lease Acres:** 80**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:** CONVENTIONAL GAS WELL**Spud Date:** 10-10-2020**Date Total Measured Depth Reached:** 11-26-2020**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	3282	0	0	NONE	
RUSTLER	ANHYDRITE		2609	673	702	OTHER	Salt

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Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
TOP SALT	SALT		2015	1267	1296	OTHER	Salt
BASE OF SALT	SALT		-1696	4978	5007	OTHER	Salt
DELAWARE	OTHER	Mountain Gp	-1932	5214	5243	NONE	
BELL CANYON	SANDSTONE		-2008	5290	5319	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2939	6221	6250	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4462	7744	7780	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5757	9039	9044	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6978	10260	10298	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7556	10838	10875	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-8602	11884	11924	NATURAL GAS, OIL	
WOLFBONE	SANDSTONE		-8910	12192	12271	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A X	-8981	12263	12379	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Y	-9013	12295	12437	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Lower	-9077	12359	12570	NATURAL GAS, OIL	

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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	NMNM138890	NMNM138890	NEW		PGW	02-07-2021	02-20-2021	WOLFBO NE	12614	20319	Y	.46	923	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	433124		38 stage frac with 19,456,062 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	03/01/2021	24	2404	1920	5544	798	40/64	0	0	1740

Well Location

Survey Type: RECTANGULAR

Survey Number: 11401

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

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
SESW	27	35E	24S	FWL	2021	FSL	235				FEE	FEE	3282	-103.3573911	32.1818869	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
NENW	34	35E	24S	FWL	1553	FNL	100				FEE	FEE	-9083	-103.3589012	32.180967	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
NENW	34	35E	24S	FWL	1553	FNL	100				FEE	FEE	-9083	-103.3589012	32.180967	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
SESW	34	35E	24S	FWL	1632	FSL	1320				FEDERAL	NMNM138895	-9089	-103.3585987	32.1703546	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
Lot 3	3	35E	25S	FWL	1652	FNL	0				FEE	FEE	-9068	-103.3585069	32.1667281	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1596548	-103.3585762	-9069	FEE	FEE				2573	FNL	1651	FWL	25S	35E	3	SENW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1595008	-103.3585748	-9069	FEE	FEE				2629	FNL	1652	FWL	25S	35E	3	SENW

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	1001	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	5045	7.625	29.7	P-110		BUTT		
00	INTERMEDIATE	12.25	0	5313	9.625	40	J-55		BUTT		

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00	PRODUCT ION	6.75	0	11427	5.5	23	P-110		OTHER	Blue	
00	INTERME DIATE	8.75	5045	11698	7.625	29.7	P-110		OTHER	W-513	
00	PRODUCT ION	6.75	11427	20435	5.5	23	P-110		OTHER	W521	

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 (bbbls)
00	SURFACE		Class C	675	1.73	0	Class C	445	1.34	533	314.2
00	INTERME DIATE		None	0	0	0					0
00	INTERME DIATE		Class C	1192	1.74	0	Class C	420	1.33	4300	468.9
00	PRODUCT ION		None	0	0	0					0
00	INTERME DIATE		Class H	429	2.23	4000	Class H	127	1.36	107000	201.1
00	PRODUCT ION		Class H	312	2.02	3333	Class H	779	1.24	10133	284.3

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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_212H_CURVE___LATERAL_FINAL_20210310084337.pdf

Final_Mulva_Fed_Com_212H_Surveys_20210310084427.pdf

Mulva_Fed_Com_212H_C_102_As_Drilled_Signed_20201231_20210310084450.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 45340

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45340
	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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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

CONDITIONS

Action 45340

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45340
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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