



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

Well Completion Print

01/31/2023

Operator Name TAP ROCK OPERATING LLC	Well Name MULVA FED COM	Well Number 133H	US Well Number 3002547744
SHL SWSE Sec 27 24S 35E	County LEA	State NM	Lease Number(s) 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 W2E2	ID 10400055139

Section 1 - General

Well Completion Report Id:	Submission Date: 03-24-2021	
BLM Office: Carlsbad Field Office	User: BILL RAMSEY	Title: Regulatory Analyst
Federal/Indian: FEDERAL	Lease Number: NMNM138890	Lease Acres: 1200
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

Field/Pool or Exploratory:	Pool Name: Wolfbone	Field Name: WC-025 G-09
Well Type: CONVENTIONAL GAS		
Spud Date: 10-12-2020		
Date Total Measured Depth Reached: 12-23-2020		
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
QUATERNARY	OTHER	None	3287	0	0	NONE	
RUSTLER	ANHYDRITE		2627	660	660	NONE	

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
TOP SALT	SALT		2033	1254	1254	OTHER	Salt
BASE OF SALT	SALT		-1678	4965	4969	OTHER	Salt
DELAWARE	OTHER	Mountain gp	-1914	5201	5205	OTHER	Salt
CHERRY CANYON	SANDSTONE		-2921	6208	6215	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4466	7753	7760	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE		-5682	8969	8974	NATURAL GAS, OIL	
UPPER AVALON SHALE	SANDSTONE		-5712	8999	9007	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6897	10184	10192	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7437	10724	10733	NATURAL GAS, OIL	
WOLFBONE	SANDSTONE		-8526	11813	11846	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A X	-8994	12281	12314	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Y	-9091	12378	12411	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A lower	-9265	12552	12585	NATURAL GAS, OIL	

Completion and Completed

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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	02-15-2021	02-22-2021	WOLFBO NE	12483	20170	Y	.46	988	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	440991		38 stage frac with 19,410,611 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	03/05/2021	24	2018	2216	4810	1098	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	32.1829696	-103.353496	3287	FEDERAL	NMNM138890				629	FSL	2060	FEL	24S	35E	27	SWSE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1809651	-103.353453	-8802	FEDERAL	NMNM138890				100	FNL	2046	FEL	24S	35E	34	NWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1630092	-103.3531653	-8796	FEDERAL	NMNM101608				1320	FNL	1987	FEL	25S	35E	3	SWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1776099	-103.3531946	-8822	FEE	FEE				1320	FSL	2040	FEL	24S	35E	34	SWSE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1809651	-103.353453	-8802	FEDERAL	NMNM138890				100	FNL	2046	FEL	24S	35E	34	NWNE

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EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1596474	-103.3531151	-8819	FEDERAL	NMNM101608				2576	FNL	1940	FEL	25S	35E	3	SWNE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1595037	-103.3530999	-8826	FEDERAL	NMNM101608				2628	FNL	1935	FEL	25S	35E	3	SWNE

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	1026	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	4788	7.625	29.7	P-110		BUTT		
00	INTERMEDIATE	12.25	0	5323	9.625	40	J-55		BUTT		

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00	PRODUCT ION	6.75	0	10933	5.5	23	P-110		OTHER	W-563	
00	INTERME DIATE	8.75	4788	11357	7.625	29.7	P-110		OTHER	W-513	
00	PRODUCT ION	6.75	10933	20283	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	560	1.72	0	Class C	610	1.34	600	317.1
00	INTERME DIATE		None	0	0	0					0
00	INTERME DIATE		Class C	1189	1.74	0	Class C	420	1.33	4300	468
00	PRODUCT ION		Class H	327	1.85	0	Class H	849	1.14	8500	280.1
00	INTERME DIATE		Class H	464	2.22	2400	Class H	98	1.35	10000	207
00	PRODUCT ION		None	0	0	0					0

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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: 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 Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

TAPROCK_PERMIAN_MULVA_FED_COM_133H_SURFACE_FINAL_20210310143631.pdf

TAPROCK_PERMIAN_MULVA_FED_COM_133H_ST1_CURVE_AND_LATERAL_FINAL_20210310143732.pdf

Mulva_Fed_Com_133H_Surveys_Final_20210310143757.pdf

Mulva_Fed_Com_133H_C_102_As_Drilled_Signed_20200105_20210310143757.pdf

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 181292

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 181292
	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

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	Action Number: 181292
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/17/2024