



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 214H	US Well Number 3002547833
SHL SESE 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 E2E2	ID 10400055188

Section 1 - General

Well Completion Report Id: 46136	Submission Date: N/A until DB Work	
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 Information

Field/Pool or Exploratory: Field/Pool	Pool Name: Wolfbone	Field Name: WC-025 G-09 S243532M
Well Type: CONVENTIONAL GAS WELL		
Spud Date: 10-22-2020		
Date Total Measured Depth Reached: 11-28-2020		
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	3278	0	0	NONE	
RUSTLER	ANHYDRITE		2686	592	602	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		2092	1186	1196	OTHER	Salt
BASE OF SALT	SALT		-1619	4897	4907	OTHER	Salt
DELAWARE	LIMESTONE, OTHER	Mountain gp	-1855	5133	5143	NONE	
BELL CANYON	SANDSTONE		-1931	5209	5219	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2862	6140	6150	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4379	7657	7668	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5639	8917	8928	NATURAL GAS, OIL	
UPPER AVALON SHALES	SANDSTONE		-5673	8951	8962	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6822	10100	10112	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7437	10715	70727	NATURAL GAS, OIL	
WOLFBONE	SANDSTONE		-8541	11819	11833	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A X	-8823	12101	12197	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Y	-8864	12142	12272	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Lower	-8928	12206	12427	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	02-16-2021	02-26-2021	WOLFBO NE	12514	20214	Y	.46	988	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	426516		38 stage frac with 19,381,329, 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	03/06/2021	24	3096	2785	5632	899	46/64	0	0	1538

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
SESE	27	35E	24S	FEL	766	FSL	235				NMNM138890	FEDERAL	3278	-103.3493157	32.1818844	LEA	NEW MEXICO PRINCIPAL	SHL
NENE	34	35E	24S	FEL	920	FNL	100				NMNM138890	FEDERAL	-8947	-103.3498124	32.1809638	LEA	NEW MEXICO PRINCIPAL	KOP Well bore 00
NENE	34	35E	24S	FEL	920	FNL	100				NMNM138890	FEDERAL	-8947	-103.3498124	32.1809638	LEA	NEW MEXICO PRINCIPAL	PPP Well bore 00
SESE	34	35E	24S	FEL	990	FSL	1320				FEE	FEE	-8990	-103.3501222	32.170353	LEA	NEW MEXICO PRINCIPAL	PPP Well bore 00
SENE	3	35E	25S	FEL	996	FNL	1320				NMNM101608	FEDERAL	-8983	-103.3501368	32.1630057	LEA	NEW MEXICO PRINCIPAL	PPP Well bore 00

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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	32.159643	-103.3500767	-8979	FEDERAL	NMNM 101608				2577	FNL	1000	FEL	25S	35E	3	SENE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1594495	-103.3500721	-8977	FEDERAL	NMNM 101608				2647	FNL	998	FEL	25S	35E	3	SENE

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	1047	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	4966	7.625	29.7	P-110		BUTT		
00	INTERMEDIATE	12.25	0	5298	9.625	40	J-55		BUTT		

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00	PRODUCT ION	6.75	0	11322	5.5	23	P-110		OTHER	Blue	
00	INTERMEDIATE	8.75	4966	11668	7.625	29.7	P-110		OTHER	W-513	
00	PRODUCT ION	6.75	11322	20329	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 (bbbls)
00	SURFACE		Class C	460	1.72	0	Class C	445	1.34	533	247.1
00	INTERMEDIATE		None	0	0	0					0
00	INTERMEDIATE		Class C	1185	1.74	0	Class C	446	1.33	3450	472.9
00	PRODUCT ION		None	0	0	0					0
00	INTERMEDIATE		Class C	451	2.23	4100	Class C	150	1.35	10450	215.2
00	PRODUCT ION		Class C	320	1.97	2900	Class C	776	1.24	9500	283.6

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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: 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_214H_CURVE_AND_LATERAL_FINAL_20210310163800.pdf

Mulva_Fed_Com_214H_Surveys_20210310163822.pdf

Mulva_Fed_Com_214_BLM_C_102_As_Drilled_Signed_20201231_20210310163822.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 45344

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45344
	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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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 45344

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45344
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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