



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 217H	US Well Number 3002547788
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 10400055034

Section 1 - General

Well Completion Report Id: 46131	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: 10-13-2020		
Date Total Measured Depth Reached: 11-14-2020		
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		2770	512	518	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		2176	1106	1112	OTHER	Salt
BASE OF SALT	SALT		-1535	4817	4823	OTHER	Salt
DELAWARE	OTHER	Mountain gp	-1771	5053	5059	OTHER	Salt
CHERRY CANYON	SANDSTONE		-2805	6087	6093	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4450	7732	7741	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5978	9260	9276	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6936	10218	10236	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7487	10769	10788	NATURAL GAS, OIL	
WOLFBONE	SANDSTONE		-8580	11862	11883	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A X	-8910	12192	12270	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Y	-8943	12225	12319	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	923	.46	Y	20263	12560	WOLFBO NE	02-20-2021	02-11-2021	PGW		NEW	NMNM138890	NMNM138890	1	S1	00

Treatment Data

Treatment Remarks	Total Proppant (lbs)	Toile Fluid (bbls)	Treatment Type	Interval Treated?	Interval Number	Completion Code	Wellbore Code
38 stage frac with 19,449,318 lbs of 100 mesh sand		433323	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

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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	2602	2154	7626	827	40/64	0	0	1600

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	2046	FSL	210				FEE	FEE	3282	-103.3573103	32.1818182	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
NENW	34	35E	24S	FWL	2445	FNL	100				FEE	FEE	-9064	-103.3560189	32.180966	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
NENW	34	35E	24S	FWL	2445	FNL	100				FEE	FEE	-9064	-103.3560189	32.180966	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
SESW	34	35E	24S	FWL	2295	FSL	1320				NMNM138895	FEDERAL	-9087	-103.3563693	32.1703542	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
Lot 3	3	35E	25S	FWL	2291	FNL	0				FEE	FEE	-9056	-103.3563986	32.1667284	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	32.1596518	-103.356496	-9041	FEE	FEE				2575	FNL	2295	FWL	25S	35E	3	SENW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1594188	-103.356493	-9041	FEE	FEE				2659	FNL	2296	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	1028	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	4731	7.625	29.7	P-110		BUTT		
00	INTERMEDIATE	12.25	0	5035	9.625	40	J-55		BUTT		

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00	PRODUCT ION	6.75	0	11558	5.5	23	P-110		OTHER	Blue	
00	INTERME DIATE	8.75	4731	11683	7.625	29.7	P-110		OTHER	W-513	
00	PRODUCT ION	6.75	11477	20380	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	INTERME DIATE		None	0	0	0					0
00	INTERME DIATE		Class C	1238	1.74	0	Class C	429	1.33	4300	485.3
00	PRODUCT ION		None	0	0	0					0
00	INTERME DIATE		Class H	466	2.23	1034	Class H	134	1.35	7734	217.3
00	PRODUCT ION		Class H	324	1.85	2049	Class H	845	1.14	10800	278.3

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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_217H_CURVE_AND_LATERAL_FINAL_20210310110540.pdf

30_025_47788_Mulva_Fed_Com_217H_MWD_Surveys_Field_Final_20210310110610.pdf

Mulva_Fed_Com_217H_C_102_As_Drilled_Signed_20210305_20210310110611.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 45356

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45356
	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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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 45356

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45356
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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