



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 215H	US Well Number 3002547344
SHL SWSW Sec 27 24S 35E	County LEA	State NM	Lease Number(s) NMNM138893, NMNM138893
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name Mulva Fed Com	Well Pad Number W2	ID 10400049933

Section 1 - General

Well Completion Report Id: 46150	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: 240
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: OIL WELL		
Spud Date: 10-05-2020		
Date Total Measured Depth Reached: 11-11-2020		
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	3281	0	0	NONE	
RUSTLER	ANHYDRITE, SALT		2632	649	656	NONE	

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TOP SALT	SALT		2038	1243	1250	OTHER	Salt
BASE OF SALT	SALT		-1673	4954	4961	OTHER	Salt
DELAWARE	OTHER	Mountain gp	-1909	5190	5197	OTHER	Salt
BELL CANYON	SANDSTONE		-1985	5266	5273	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2943	6224	6232	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4484	7765	7773	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE		-5733	9014	9022	NATURAL GAS, OIL	
UPPER AVALON SHALES	SANDSTONE		-5781	9062	9070	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-7000	10281	10290	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7575	10856	10865	NATURAL GAS, OIL	
WOLFBONE	SANDSTONE		-8671	11952	11966	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A X	-9007	12288	12414	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Y	-9041	12322	12486	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A Lower	-9090	12371	12753	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	NMNM138893	NMNM138893	NEW		POW	02-11-2021	02-19-2021	WOLFBO NE	12663	20360	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	437938		38 stage frac with 19,365,252 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	2520	2045	3199	811	40/64	0	0	1375

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	32.1825011	-103.361723	3281	FEDERAL	NMNM138893				458	FSL	680	FWL	24S	35E	27	SWSW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1809676	-103.3609046	-9085	FEDERAL	NMNM138893				100	FNL	933	FWL	24S	35E	34	NWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1809676	-103.3609046	-9085	FEDERAL	NMNM138893				100	FNL	933	FWL	24S	35E	34	NWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1776123	-103.3605928	-9106	FEE	FEE				1320	FNL	1033	FWL	24S	35E	34	SWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1667278	-103.3607486	-9119	FEE	FEE				0	FNL	1009		25S	35E	3	Lot 4

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PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.170355	-103.360761	-9111	FEDERAL	NMNM138895				1320	FSL	1011	FWL	24S	35E	34	SWSW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1596577	-103.3606633	-9116	FEE	FEE				2572	FNL	1006	FWL	25S	35E	3	SWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1594392	-103.360668	-9124	FEE	FEE				2652	FNL	1006	FWL	25S	35E	3	SWNW

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	1003	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	4992	7.625	29.7	P-110		BUTT		

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00	INTERMEDIATE	12.25	0	5316	9.625	40	J-55		BUTT		
00	PRODUCT ION	6.75	0	11441	5.5	23	P-110		OTHER	Blue	
00	INTERMEDIATE	8.75	4992	11700	7.625	29.7	P-110		OTHER	W 513	
00	PRODUCT ION	6.75	11441	20482	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 (bbls)
00	SURFACE		Class C	775	1.72	0	Class C	350	1.34	600	320.9
00	INTERMEDIATE		None	0	0	0					0
00	INTERMEDIATE		Class C	1192	1.74	0	Class C	421	1.33	4316	469.1
00	PRODUCT ION		None	0	0	0					0
00	INTERMEDIATE		Class C	465	2.23	1551	Class C	136	1.35	8251	217.4
00	PRODUCT ION		Class H	322	2.23	500	Class H	787	1.29	11200	308.7

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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_215H_CURVE_AND_LATERAL_FINAL_20210310103614.pdf

Mulva_Fed_Com_215H_Final_C_102_As_Drilled20210225_20210310103754.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 45351

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45351
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 45351

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 45351
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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