



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

# Well Completion Print

12/19/2023

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL NWNE Sec 18 25S 36E</b>	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

## Section 1 - General

**Well Completion Report Id:** 83527**Submission Date:** 03-24-2022**BLM Office:** Carlsbad Field Office**User:** JEFFREY TRLICA**Title:** Regulatory Analyst**Federal/Indian:** FEDERAL**Lease Number:** NMNM127449**Lease Acres:****Agreement in place?:** NO**Federal or Indian Agreement:****Agreement Number:** NMNM143300**Agreement Name:**

### Additional Information

**Keep this Well Completion Report confidential?:** NO**APD Operator:** TAP ROCK OPERATING LLC

## Section 2 - Well

**Field/Pool or Exploratory:****Pool Name:** WOLFCAMP, WEST**Field Name:** JAL**Well Type:** OIL WELL**Spud Date:** 08-28-2021**Date Total Measured Depth Reached:** 10-20-2021**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL</b> NWNE Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

### Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	OTHER	None	3180	0	0	NONE	
RUSTLER	ANHYDRITE		2013	1167	1181	OTHER	Salt
TOP SALT	SALT		1873	1307	1321	OTHER	Salt
BASE OF SALT	SALT		-1827	5007	5021	OTHER	Salt
LAMAR	LIMESTONE		-1936	5116	5130	NONE	
BELL CANYON	SANDSTONE		-1972	5152	5166	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2931	6111	6125	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4000	7180	7195	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-5255	8435	8450	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5535	8715	8730	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6479	9459	9674	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7095	10275	10290	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-7278	10458	10475	NATURAL GAS, OIL	
WOLFCAMP	SHALE		-8459	11639	11662	NATURAL GAS, OIL	

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL NWNE</b> Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

### Completion and Completed

### 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	NMNM127449	NMNM127449	NEW		POW	01-04-2022	01-27-2022	WOLFCA MP	12059	22123	Y	.55	663	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	FRAC	675770		11/14/2021: Pressure test casing to 5000 psi for 30 minutes, good test. 11/15/2021 to 12/14/2021: Perforate from 12059 ft to 22123 ft, 1 SPF, .55 inch holes with 663 total shots. 51 stage frac with 27,564,952 lbs of 100 mesh sand. 1/1/2022 to 1/3/2022: Drill out plugs Plug Back Measured depth at

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL</b> NWNE Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
							22258 ft MD, 12279 ft TVD. 1/4/2022: Ready to produce

### 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	

### 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	02/12/20 22	24	873	1292	4077	1479	27/64			2025

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL NWNE</b> Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

### Well Location

Survey Type: RECTANGULAR

Survey Number: 25116

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: KB

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	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	32.1371268	-103.3002343	3180	N/A	N/A	FEE	FEE				183	FNL	1409	FEL	25S	36E	18	NWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1373493	-103.2994592	-8466	11651	11646	FEE	FEE				100	FNL	1169	FEL	25S	36E	18	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1231331	-103.2995198	-9033	16998	12213	FEDERAL	NMNM127449				0	FSL	1187	FEL	25S	36E	18	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1373493	-103.2994592	-8466	11651	11646	FEE	FEE				100	FNL	1169	FEL	25S	36E	18	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1088863	-103.2995549	-9090	22196	12270	FEDERAL	NMNM127449				100	FSL	1200	FEL	25S	36E	19	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1087202	-103.2995609	-9100	22257	12280	FEDERAL	NMNM127449				40	FSL	1201	FEL	25S	36E	19	SESE

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL</b> NWNE Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

### 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	1292	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	8.75	0	4981	7.625	29.7	P-110		BUTT		
00	INTERMEDIATE	12.25	0	5280	9.625	40	J-55		BUTT		
00	PRODUCT ION	6.75	0	11171	5.5	23	OTHER	P-110 S	OTHER	W-463	
00	INTERMEDIATE	8.75	4981	11348	7.625	29.7	P-110		OTHER	W-441	
00	PRODUCT ION	6.75	11171	22243	5.5	23	P-110		BUTT	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	700	1.72	0	Class C	240	1.34	1000	271.7
00	INTERMEDIATE		Class H	399	3.35	3482	Class H	138	1.35	9829	271.2
00	INTERMEDIATE		Class C	1158	2.12	0	Class C	415	1.33	4572	535.5
00	PRODUCT ION		None	0	0	0	Class H	1071	1.32	9080	251.8

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL</b> NWNE Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

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	INTERMEDIATE		None	0	0	0	None	0	0	0	0
00	PRODUCTION		None	0	0	0					0

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

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL</b> NWNE Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

### 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:** JEFFREY TRLICA

**Title:** Regulatory Analyst

**Signed on:** 12/12/2023

**Street Address:** 523 PARK POINT DRIVE SUITE 200

**City:** GOLDEN

**State:** CO

**Zip:** 80401

**Phone:** (720)772-5910

**Email address:** JTRLICA@TAPRK.COM

### Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Extension:**

**Email address:**

### Attachments

Black\_Marlin\_Fed\_Com\_216H\_2inMD\_20220318121252.pdf

Black\_Marlin\_Fed\_Com\_216H\_Surveys\_20220318121305.pdf

Black\_Marlin\_Fed\_Com\_216H\_C\_102\_AS\_DRILLED\_20211115\_Signed\_20220318121311.pdf

TAPROCK\_PERMIAN\_BLACK\_MARLIN\_216H\_1\_INCH\_CURVE\_AND\_LATERAL\_FINAL\_20220324111543.pdf

Black\_Marlin\_Fed\_Com\_216H\_WBD\_20230307115335.pdf



<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 216H	<b>US Well Number</b> 3002548783
<b>SHL</b> NWNE Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449
<b>Well Type</b> OIL WELL	<b>Well Status</b> Producing Oil Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b> NMNM143300
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FED COM	<b>Well Pad Number</b> E2	<b>APD ID</b> 10400059414

Attachments

- Black\_Marlin\_Fed\_Com\_216H\_2inMD\_20220318121252.pdf
- Black\_Marlin\_Fed\_Com\_216H\_Surveys\_20220318121305.pdf
- Black\_Marlin\_Fed\_Com\_216H\_C\_102\_AS\_DRILLED\_20211115\_Signed\_20220318121311.pdf
- TAPROCK\_PERMIAN\_BLACK\_MARLIN\_216H\_1\_INCH\_CURVE\_AND\_LATERAL\_FINAL\_20220324111543.pdf
- Black\_Marlin\_Fed\_Com\_216H\_WBD\_20230307115335.pdf

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/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 295972

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 295972
	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.

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 295972

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 295972
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/15/2025