

<b>Operator Name</b> TAP ROCK OPERATING LLC	<b>Well Name</b> BLACK MARLIN FED COM	<b>Well Number</b> 204H	<b>US Well Number</b> 3002546976
<b>SHL</b> NWNE Sec 18 25S 36E	<b>County</b> LEA	<b>State</b> NM	<b>Lease Number(s)</b> NMNM127449, NMNM127448, NMNM127448
<b>Well Type</b> OIL WELL	<b>Well Status</b> Drilling Well	<b>Agreement Name</b>	<b>Agreement Number(s)</b>
<b>Allottee/Tribe Name</b>	<b>Well Pad Name</b> BLACK MARLIN FEDERAL COM	<b>Well Pad Number</b> 1	<b>ID</b> 10400037179

## Section 1 - General

**Well Completion Report Id:** 46052      **Submission Date:** N/A until DB Work

**BLM Office:** Hobbs Field Station      **User:** BILL RAMSEY      **Title:** Regulatory Analyst

**Federal/Indian:** FEDERAL      **Lease Number:** NMNM127449      **Lease Acres:**

**Agreement in place?:** NO      **Federal or Indian Agreement:**

**Agreement Number:**      **Agreement Name:**

**Keep this Well Completion Report confidential?:** YES

**APD Operator:** TAP ROCK OPERATING LLC

## Section 2 - Well Information

**Field/Pool or Exploratory:** Field/Pool      **Pool Name:** JAL; WOLFCAMP, WEST      **Field Name:** Bone Spring

**Well Type:** OIL WELL

**Spud Date:** 08-16-2020

**Date Total Measured Depth Reached:** 11-13-2020

**Well Class:** HORIZONTAL

## Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
QUATERNARY	OTHER	None	3180	0	0	NONE	
RUSTLER	ANHYDRITE		1980	1200	1200	NONE	

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### Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
CAPITAN REEF	LIMESTONE		-919	4099	4099	NONE	
CHERRY CANYON	SANDSTONE		-2930	6110	6132	OTHER	Salt
BRUSHY CANYON	SANDSTONE		-4005	7185	7215	OTHER	Salt
BONE SPRING	LIMESTONE		-5231	8411	8447	OTHER	Salt
UPPER AVALON SHALES	SANDSTONE		-5268	8448	8485	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6452	9632	9668	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-7047	10227	10264	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-8277	11457	11521	NATURAL GAS, OIL	
WOLFCAMP	OTHER, SHALE	A X	-8449	11629	11843	NATURAL GAS, OIL	

### 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	NMNM127448	NMNM127448	NEW		POW	11-13-2020	11-16-2020	WOLFCA MP	118 43	21809	Y	.41	130 0	OPEN

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### Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	590014		50 STAGE FRAC WITH 25,084,567 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	

### 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	11/28/2020	24	2111	3366	4806	1594	55/64	0	0	1504

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### Well Location

**Survey Type:** RECTANGULAR

**Survey Number:**

**Datum:** NAD27

**Vertical Datum:** NAVD88

**Reference Datum:**

	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	Aliquo/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1371265	-103.3001536	3180	FEE	FEE				185	FNL	1381	FEL	25S	36E	18	NWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1373482	-103.2981265	-8142	FEE	FEE				100	FNL	753	FEL	25S	36E	18	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1373482	-103.2981265	-8142	FEE	FEE				100	FNL	753	FEL	25S	36E	18	NENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.123134	-103.2981032	-8441	FEDERAL	NMNM127449				0	FNL	620	FEL	25S	36E	19	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1088834	-103.2980236	-9170	FEDERAL	NMNM127449				100	FSL	725	FEL	25S	36E	19	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1087005	-103.2980042	-8461	FEDERAL	NMNM127449				33	FSL	719	FEL	25S	36E	19	SESE

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### 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	CONDUCTOR	26	0	145	20.0	53	OTHER	A-53 GRADE B	BUTT		
00	SURFACE	17.5	0	1367	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	5312	10.75	45.5	J-55		BUTT		
00	PRODUCTION	6.75	0	10898	5.5	23	P-110		OTHER	Blue	
00	INTERMEDIATE	8.75	0	11050	7.625	29.7	P-110		LT&C		
00	PRODUCTION	6.75	10898	21938	5.0	18	P-110		BUTT		

#### 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	CONDUCTOR		CLASS C	36	4.5	0					28.9
00	SURFACE		Class C	825	1.72	0	Class C	340	1.34	721	333.9
00	INTERMEDIATE		Class C	1290	1.74	0	Class C	562	1.33	3330	532.9
00	PRODUCTION		0	0	0	8969	Class H	1357	1.14	8969	275.5

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### 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	INTERMEDIATE		Class C	407	2.23	1320	Class C	134	1.35	9600	193.9

### 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:** 10/15/2021

**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\_BLACK\_MARLIN\_FED\_COM\_204H\_5\_INCH\_CURVE\_AND\_LATERAL\_FINAL\_20210308113903.pdf

Black\_Marlin\_Fed\_Com\_204\_C\_102\_As\_Drilled\_20200910\_20210308113932.pdf