

Operator Name TAP ROCK OPERATING LLC	Well Name BLACK MARLIN FED COM	Well Number 214H	US Well Number 3002546977
SHL NWNE Sec 18 25S 36E	County LEA	State NM	Lease Number(s) NMNM127449
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM143300
Allottee/Tribe Name	Well Pad Name BLACK MARLIN FEDERAL COM	Well Pad Number 1	APD ID 10400039973

Section 1 - General

Well Completion Report Id: 46054

Submission Date: 03-08-2021

BLM Office: Carlsbad Field Office

User: BILL RAMSEY

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?:

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: 05-22-2020

Date Total Measured Depth Reached: 06-14-2020

Drill & Abandon or Ready To Produce: READY TO

Well Class: HORIZONTAL

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
QUATERNARY	SANDSTONE		3180	0	0	NONE	
RUSTLER	SANDSTONE		2865	315	315	NONE	
TOP SALT	SALT		2325	855	855	NONE	
BASE OF SALT	SALT		-2148	5298	5328	NONE	
DELAWARE	SANDSTONE		-2271	5416	5451	NONE	
CHERRY CANYON	SANDSTONE		-2990	6122	6170	NONE	
BRUSHY CANYON	SANDSTONE		-4049	7170	7229	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5326	8426	8506	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE, SHALES		-6514	9614	9694	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE, SHALES		-7728	10181	10261	NATURAL GAS, OIL	
WOLFCAMP	SANDSTONE, SHALES		-8578	11150	11758	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE, SHALES		-8356	11456	11536	NATURAL GAS, OIL	

Completion and Completed

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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 (MID)	Interval Bottom (MID)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM127449	NMNM127449	NEW		POW	11-16-2020	11-16-2020	WOLFCA MP	11842	21911	Y	.41	1300	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	ACID FRAC	623824		50 STAGE FRAC WITH 25,352,003 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	11/28/2020	24	2459	2393	5323	973	46/64	0	0	1518

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD27

Vertical Datum: NAVD88

Reference Datum:

	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/Lo/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.137125	-103.299919	3180	N/A	N/A	FEE	FEE				185	FNL	1331	FEL	25S	36E	18	NWNE
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1373388	-103.2967261	-8465	11842	11645	FEE	FEE				100	FNL	320	FEL	25S	36E	18	NENE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1231286	-103.2967849	-8563	16792	11743	FEDERAL	NMNM127449				0	FNL	290	FEL	25S	36E	19	NENE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1373388	-103.2967261	-8465	11842	11645	FEE	FEE				100	FNL	320	FEL	25S	36E	18	NENE

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	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1088808	-103.2967331	-8558	21982	11738	FEDERAL	NMNM127449				100	FSL	326	FEL	25S	36E	19	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.1086806	-103.2967226	-8561	22055	11741	FEDERAL	NMNM127449				27	FSL	323	FEL	25S	36E	19	SESE

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	120	20.0	53	OTHER	A-53 GRADE B	BUTT		
00	SURFACE	17.5	0	1319	13.375	54.5	J-55		BUTT		

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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	INTERMEDIATE	12.25	0	5341	9.625	40	J-55		BUTT		
00	PRODUCT ION	6.75	0	10851	5.5	23	P-110		BUTT		
00	INTERMEDIATE	8.75	0	11165	7.625	29.7	P-110		LT&C		
00	PRODUCT ION	6.75	10851	22040	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
00	CONDUCTOR		CLASS C	36	4.5	0					28.9
00	SURFACE		Class C	700	1.72	0	Class C	500	1.34	357	333.8
00	INTERMEDIATE		Class C	1081	1.74	0	Class C	390	1.33	3330	427.4
00	PRODUCT ION		0	0	0	0					0
00	INTERMEDIATE		Class H	366	2.23	4300	Class H	137	1.35	10000	178.3
00	PRODUCT ION		0	0	0	0	Class C	1373	1.12	7138	273.9

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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	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

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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: BILL RAMSEY

Title: Regulatory Analyst

Signed on: 12/12/2023

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 Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

Black_Marlin_214H_BLM_C_102_As_Drilled_20210308135807.pdf

TAPROCK_PERMIAN_BLACK_MARLIN_FED_COM_214H_5_INCH_CURVE___LATERAL_20210308135930.pdf

Black_Marlin_Fed_Com_214_Schematic_1_20221110150728.pdf