



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

Well Completion Print Report

10/15/2021

Operator Name TAP ROCK OPERATING LLC	Well Name BLACK MARLIN FED COM	Well Number 204H	US Well Number 3002546976
SHL NWNE Sec 18 25S 36E	County LEA	State NM	Lease Number(s) NMNM127449, NMNM127448, NMNM127448
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name BLACK MARLIN FEDERAL COM	Well Pad Number 1	ID 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	WOLFCAMP	11843	21809	Y	.41	1300	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	Aliquot/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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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	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

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: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46976	² Pool Code 33813	³ Pool Name JAL; WOLFCAMP, WEST
⁴ Property Code 327300	⁵ Property Name BLACK MARLIN FED COM	⁶ Well Number 204H
⁷ OGRID No. #372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁹ Elevation 3180'

¹⁰Surface Location

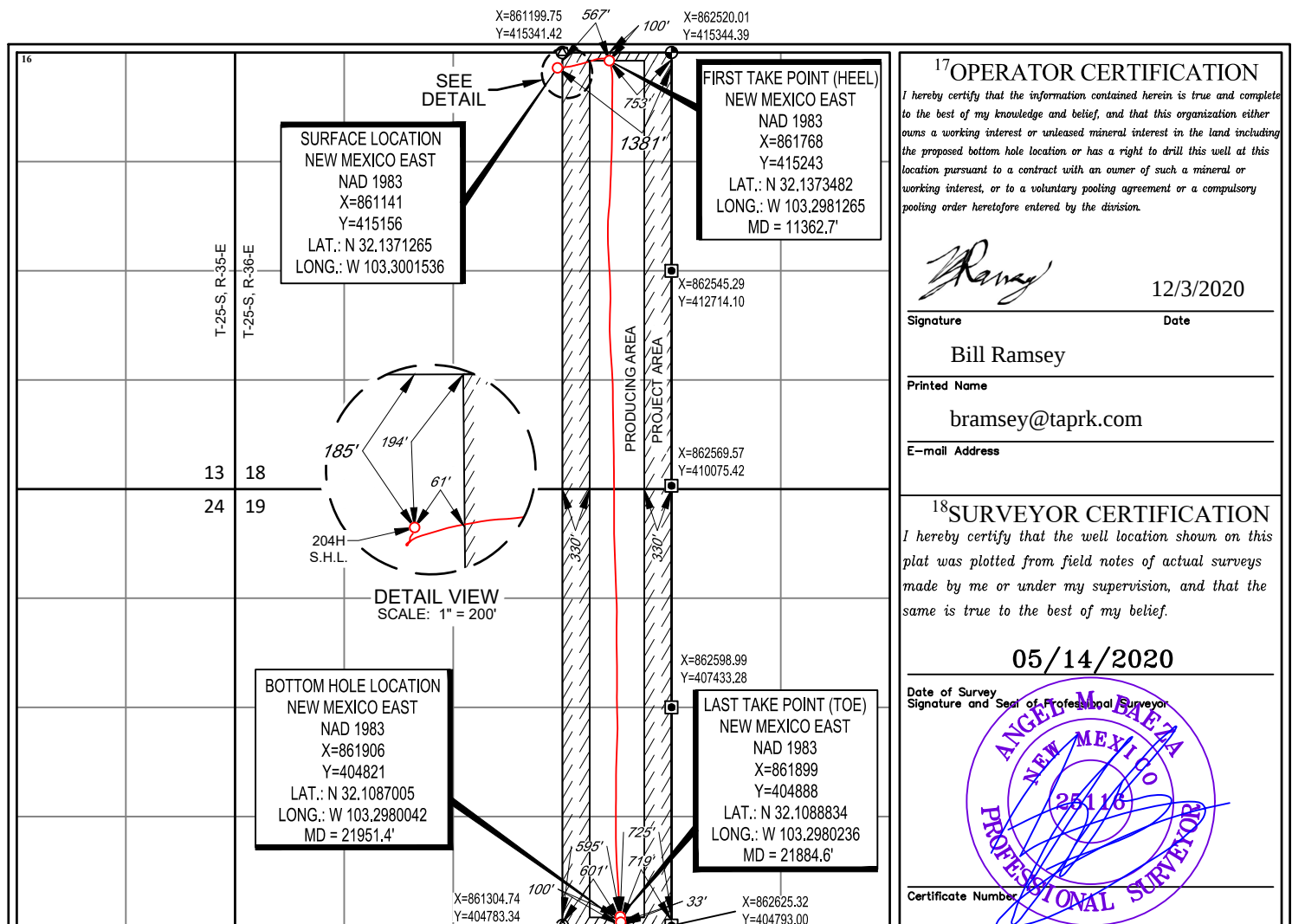
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	18	25-S	36-E	-	185'	NORTH	1381'	EAST	LEA

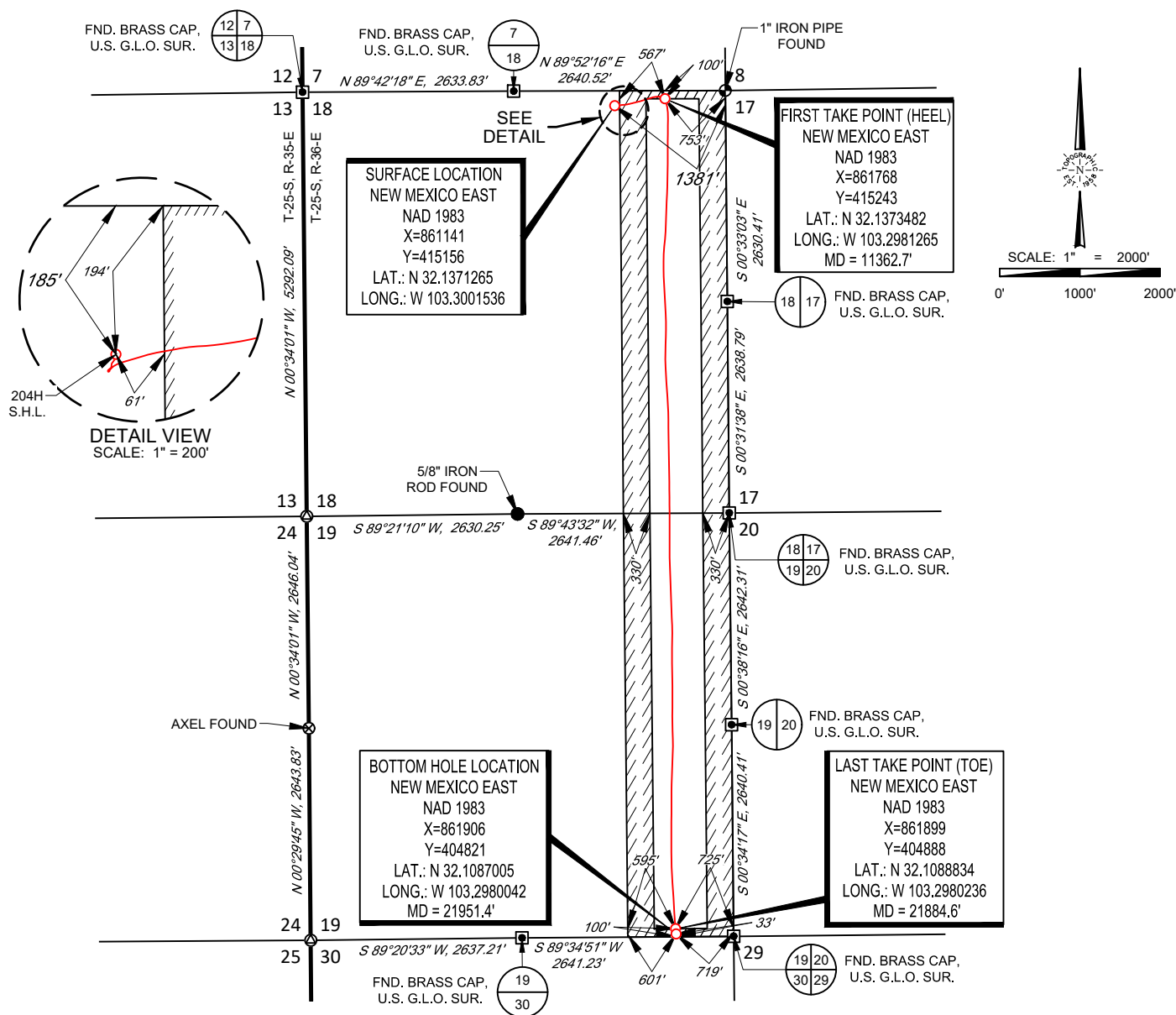
¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	19	25-S	36-E	-	33'	SOUTH	719'	EAST	LEA

¹² Dedicated Acres 320.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



SECTION 18, TOWNSHIP 25-S, RANGE 36-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

LEASE NAME & WELL NO.: BLACK MARLIN FED COM 204H
 SECTION 18 TWP 25-S RGE 36-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3180'
 DESCRIPTION 185' FNL & 1381' FEL



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
 WWW.TOPOGRAPHIC.COM

**INTERNAL
PRE-COMPLETION
PLAT**

BLACK MARLIN FED COM 204H PRE-COMPLETION	REVISION:		NOTES:
	INT	DATE	
DATE: 09/09/2020			1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY TAP ROCK OPERATING, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
FILE: C:\BLACK_MARLIN_FED_COM_204H			
DRAWN BY: GJU			
SHEET: 1 OF 1			

S:\SURVEY\TAPROCK\BLACK_MARLIN\FINAL_PRODUCTS\TAPROCK_BLACK_MARLIN_FED_COM_204H.DWG 9/10/2020 10:36:03 AM abaeza



Operator: Tap Rock Resources, LLC.
Well Name: Black Marlin Fed Com #204H
County: Lea
State: New Mexico
Rig Name: H&P 376
Job Number: 30-025-46976

Intrepid Directional Drilling Specialists certifies that the surveys performed on the above referenced well are true and correct MWD surveys, data provided as follows:

Surveyor: Intrepid Directional Drilling Specialists
Survey Depths: 176' MD – 21,888' MD
Projection to Bit: 21,953' MD
Dates Performed: 08/16/2020 – 09/03/2020
Type of Survey: MWD

Sincerely,

A handwritten signature in blue ink, appearing to read "James Burleson".

James Burleson
Vice President of MWD Operations
Intrepid Directional Drilling Specialists





Survey Report

Service Company: Intrepid Directional Drilling Specialists

Location: Sec-18_T-25-S_R-36-E

Well: Black Marlin Fed Com #204H

Rig: H&P 376

API or UWI: 30-025-46976

Job Number: ID2649

State: New Mexico

Operating Company: Tap Rock Resources, LLC.

County: Lea

Magnetic Declination: 5.91

Country: United States

Proposed Azimuth: 179.43

Comment

North Reference: GRID

Latitude: 32.000008

Longitude: -103.000018

Tie-In Data

MD	Inclination	Azimuth	TVD	NS	EW
0.00	0.00	0.00	0.00	0.00	0.00

Survey Data

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
176.00	0.70	165.08	176.00	-1.04	0.28	165.08	1.08	1.04	0.40
237.00	0.79	179.49	236.99	-1.82	0.38	168.31	1.86	1.82	0.34
328.00	1.10	186.53	327.98	-3.31	0.28	175.12	3.33	3.32	0.36
421.00	1.41	216.58	420.96	-5.12	-0.50	185.58	5.14	5.12	0.77
513.00	1.54	216.50	512.93	-7.02	-1.91	195.22	7.28	7.00	0.14
605.00	1.93	216.14	604.88	-9.27	-3.56	201.01	9.93	9.23	0.42
700.00	1.10	214.30	699.85	-11.31	-5.02	203.92	12.38	11.26	0.88
794.00	0.44	169.91	793.84	-12.41	-5.46	203.75	13.56	12.36	0.90
889.00	0.75	186.17	888.84	-13.39	-5.47	202.20	14.46	13.34	0.37
984.00	0.75	185.65	983.83	-14.63	-5.59	200.92	15.66	14.57	0.01
1079.00	0.84	192.59	1078.82	-15.93	-5.81	200.03	16.95	15.87	0.14
1173.00	0.66	220.98	1172.81	-17.01	-6.31	200.36	18.14	16.94	0.43
1268.00	1.10	242.60	1267.80	-17.84	-7.48	202.75	19.34	17.77	0.57
1306.00	1.32	237.06	1305.79	-18.25	-8.17	204.12	19.99	18.16	0.66
1438.00	0.92	209.38	1437.77	-20.00	-9.97	206.49	22.34	19.90	0.50
1533.00	0.84	151.37	1532.76	-21.27	-10.01	205.19	23.51	21.17	0.90

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
1629.00	0.35	92.31	1628.75	-21.90	-9.38	203.18	23.82	21.81	0.76
1724.00	0.26	38.08	1723.75	-21.74	-8.95	202.38	23.52	21.65	0.30
1819.00	0.13	49.94	1818.75	-21.50	-8.74	202.12	23.21	21.42	0.14
1914.00	0.31	70.51	1913.75	-21.35	-8.41	201.51	22.95	21.26	0.20
2009.00	0.13	39.84	2008.75	-21.18	-8.10	200.93	22.68	21.10	0.22
2105.00	0.35	12.85	2104.75	-20.81	-7.97	200.95	22.28	20.73	0.25
2199.00	0.26	3.54	2198.75	-20.32	-7.89	201.22	21.80	20.24	0.11
2294.00	0.44	16.46	2293.75	-19.75	-7.77	201.48	21.23	19.68	0.21
2388.00	0.57	46.78	2387.74	-19.09	-7.33	201.01	20.45	19.01	0.31
2483.00	0.75	44.67	2482.74	-18.32	-6.55	199.67	19.46	18.26	0.19
2578.00	1.67	43.18	2577.71	-16.87	-5.17	197.02	17.64	16.82	0.97
2672.00	2.42	53.72	2671.65	-14.70	-2.63	190.14	14.93	14.67	0.89
2766.00	3.96	64.80	2765.51	-12.14	1.91	171.06	12.29	12.16	1.76
2860.00	5.27	74.64	2859.20	-9.61	9.01	136.86	13.18	9.70	1.62
2955.00	6.33	73.32	2953.71	-6.96	18.23	110.88	19.51	7.14	1.12
3050.00	7.21	72.79	3048.05	-3.69	28.94	97.26	29.18	3.98	0.93
3144.00	7.03	75.34	3141.32	-0.49	40.14	90.70	40.15	0.89	0.39
3239.00	6.55	78.07	3235.66	2.10	51.07	87.64	51.11	-1.60	0.61
3333.00	6.07	80.53	3329.09	4.03	61.22	86.23	61.35	-3.42	0.59
3428.00	5.80	79.91	3423.58	5.70	70.90	85.41	71.13	-4.99	0.29
3523.00	6.11	79.83	3518.07	7.43	80.60	84.73	80.94	-6.63	0.33
3618.00	6.55	82.99	3612.49	8.98	90.95	84.36	91.40	-8.08	0.59
3712.00	6.46	87.21	3705.88	9.90	101.56	84.43	102.04	-8.89	0.52
3806.00	6.29	85.54	3799.30	10.55	111.97	84.62	112.47	-9.44	0.27
3901.00	6.29	83.61	3893.73	11.54	122.33	84.61	122.88	-10.32	0.22
3996.00	7.03	82.29	3988.09	12.90	133.27	84.47	133.89	-11.57	0.80
4090.00	7.03	82.37	4081.38	14.43	144.67	84.30	145.39	-12.99	0.01
4184.00	7.56	79.65	4174.62	16.31	156.45	84.05	157.30	-14.75	0.67
4279.00	8.04	77.01	4268.74	18.92	169.07	83.61	170.13	-17.24	0.63
4373.00	7.65	76.75	4361.86	21.84	181.57	83.14	182.88	-20.03	0.42
4469.00	7.03	76.75	4457.07	24.65	193.51	82.74	195.07	-22.72	0.65
4564.00	7.08	76.49	4551.36	27.35	204.86	82.40	206.68	-25.31	0.06
4659.00	6.99	75.08	4645.64	30.20	216.14	82.05	218.24	-28.05	0.20
4754.00	7.03	76.05	4739.93	33.09	227.36	81.72	229.76	-30.83	0.13
4850.00	6.90	75.52	4835.22	35.95	238.65	81.43	241.34	-33.57	0.15
4945.00	6.77	74.99	4929.55	38.83	249.58	81.16	252.59	-36.34	0.15
5040.00	6.81	76.13	5023.88	41.63	260.46	80.92	263.77	-39.03	0.15

DigiDrill DataLogger

2/7

www.digidrill.com

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
5135.00	6.64	75.96	5118.23	44.31	271.26	80.72	274.85	-41.61	0.18
5230.00	6.42	76.40	5212.61	46.89	281.75	80.55	285.62	-44.09	0.24
5262.00	6.29	74.99	5244.41	47.77	285.18	80.49	289.15	-44.93	0.63
5413.00	5.63	76.49	5394.60	51.64	300.37	80.25	304.78	-48.65	0.45
5509.00	5.93	76.57	5490.11	53.89	309.77	80.13	314.43	-50.81	0.31
5604.00	6.99	73.15	5584.50	56.71	320.08	79.95	325.06	-53.52	1.19
5698.00	7.30	72.88	5677.77	60.12	331.26	79.71	336.67	-56.82	0.33
5793.00	6.64	72.97	5772.07	63.51	342.28	79.49	348.12	-60.10	0.69
5887.00	6.77	73.59	5865.43	66.67	352.79	79.30	359.03	-63.15	0.16
5983.00	7.08	75.96	5960.73	69.70	363.96	79.16	370.57	-66.07	0.44
6078.00	6.59	74.73	6055.05	72.55	374.90	79.05	381.85	-68.82	0.54
6173.00	7.08	75.08	6149.38	75.50	385.81	78.93	393.13	-71.66	0.52
6268.00	8.09	71.56	6243.55	79.12	397.81	78.75	405.60	-75.16	1.17
6362.00	8.09	71.04	6336.61	83.36	410.34	78.52	418.72	-79.27	0.08
6456.00	7.74	70.16	6429.71	87.66	422.55	78.28	431.55	-83.45	0.39
6551.00	7.25	71.30	6523.90	91.75	434.25	78.07	443.83	-87.43	0.54
6645.00	6.73	71.39	6617.20	95.41	445.09	77.90	455.20	-90.98	0.55
6740.00	6.86	70.77	6711.54	99.06	455.72	77.74	466.36	-94.52	0.16
6834.00	6.90	76.66	6804.86	102.21	466.51	77.64	477.58	-97.56	0.75
6929.00	6.42	73.32	6899.22	105.05	477.15	77.58	488.58	-100.30	0.65
7023.00	6.77	79.83	6992.60	107.54	487.64	77.56	499.36	-102.68	0.88
7118.00	6.37	82.99	7086.98	109.17	498.38	77.64	510.20	-104.20	0.57
7211.00	6.68	83.17	7179.37	110.44	508.88	77.76	520.72	-105.37	0.33
7305.00	6.64	83.87	7272.74	111.67	519.71	77.87	531.57	-106.50	0.10
7399.00	6.95	86.15	7366.08	112.63	530.79	78.02	542.60	-107.35	0.44
7494.00	6.99	88.70	7460.38	113.15	542.30	78.21	553.98	-107.75	0.33
7588.00	6.33	90.72	7553.74	113.22	553.20	78.43	564.67	-107.71	0.74
7682.00	5.23	92.57	7647.26	112.96	562.66	78.65	573.89	-107.35	1.19
7773.00	5.45	84.57	7737.87	113.18	571.11	78.79	582.21	-107.49	0.85
7867.00	5.67	77.10	7831.43	114.64	580.08	78.82	591.30	-108.86	0.80
7962.00	3.96	74.03	7926.09	116.59	587.81	78.78	599.26	-110.74	1.82
8056.00	3.82	74.99	8019.87	118.29	593.95	78.74	605.62	-112.38	0.16
8152.00	3.21	74.82	8115.69	119.83	599.63	78.70	611.49	-113.86	0.64
8244.00	2.64	68.66	8207.57	121.27	604.09	78.65	616.15	-115.26	0.71
8339.00	2.81	74.90	8302.46	122.67	608.38	78.60	620.62	-116.62	0.36
8433.00	1.01	90.20	8396.41	123.27	611.43	78.60	623.73	-117.18	1.97
8527.00	1.85	99.51	8490.38	123.02	613.76	78.67	625.96	-116.91	0.92

DigiDrill DataLogger

3/7

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
8620.00	1.93	93.80	8583.33	122.67	616.80	78.75	628.88	-116.52	0.22
8715.00	1.67	78.42	8678.28	122.84	619.75	78.79	631.81	-116.67	0.57
8809.00	1.93	95.21	8772.24	122.97	622.67	78.83	634.70	-116.77	0.62
8903.00	1.14	135.29	8866.20	122.16	624.90	78.94	636.73	-115.94	1.37
8997.00	1.10	129.31	8960.19	120.93	626.26	79.07	637.83	-114.69	0.13
9090.00	0.97	121.75	9053.17	119.95	627.62	79.18	638.98	-113.70	0.20
9185.00	0.92	116.92	9148.16	119.18	628.98	79.27	640.18	-112.91	0.10
9279.00	0.79	125.53	9242.15	118.46	630.19	79.35	641.22	-112.18	0.19
9374.00	0.88	321.44	9337.14	118.65	630.26	79.34	641.33	-112.37	1.74
9469.00	1.41	297.97	9432.12	119.77	628.78	79.22	640.08	-113.51	0.73
9563.00	1.01	298.15	9526.10	120.70	627.02	79.10	638.54	-114.46	0.43
9657.00	0.88	302.72	9620.09	121.48	625.69	79.01	637.37	-115.25	0.16
9752.00	1.05	302.98	9715.08	122.35	624.34	78.91	636.22	-116.13	0.18
9847.00	1.01	298.15	9810.06	123.22	622.87	78.81	634.95	-117.02	0.10
9941.00	0.44	270.20	9904.05	123.61	621.78	78.76	633.95	-117.42	0.70
10036.00	0.57	260.97	9999.05	123.54	620.95	78.75	633.12	-117.35	0.16
10130.00	0.44	252.53	10093.05	123.36	620.15	78.75	632.30	-117.18	0.16
10225.00	0.09	109.09	10188.05	123.22	619.87	78.76	632.00	-117.05	0.54
10319.00	0.79	102.68	10282.04	123.06	620.57	78.78	632.65	-116.88	0.75
10413.00	1.63	120.96	10376.02	122.23	622.35	78.89	634.24	-116.03	0.97
10507.00	0.62	94.68	10470.00	121.50	624.00	78.98	635.72	-115.28	1.18
10601.00	0.44	80.09	10564.00	121.52	624.86	79.00	636.57	-115.29	0.24
10695.00	0.44	49.15	10658.00	121.82	625.49	78.98	637.24	-115.59	0.25
10789.00	1.14	264.92	10751.99	121.97	624.83	78.95	636.63	-115.75	1.62
10883.00	0.75	257.63	10845.98	121.75	623.30	78.95	635.08	-115.55	0.43
10977.00	1.05	215.35	10939.97	120.92	622.20	79.00	633.84	-114.72	0.75
11005.00	1.01	216.23	10967.96	120.51	621.91	79.03	633.48	-114.32	0.15
11101.00	1.19	262.20	11063.95	119.69	620.42	79.08	631.86	-113.52	0.91
11195.00	3.65	171.32	11157.88	116.60	619.91	79.35	630.78	-110.43	4.10
11289.00	10.81	167.54	11251.07	105.02	622.26	80.42	631.06	-98.83	7.63
11383.00	21.45	165.43	11341.24	79.71	628.51	82.77	633.54	-73.45	11.33
11478.00	32.70	164.03	11425.69	38.09	639.97	86.59	641.10	-31.72	11.86
11573.00	39.34	166.40	11502.49	-15.91	654.13	91.39	654.32	22.42	7.14
11668.00	53.67	177.12	11567.81	-83.85	663.19	97.21	668.47	90.45	17.12
11764.00	64.18	181.87	11617.31	-165.92	663.73	104.04	684.15	172.52	11.73
11858.00	72.84	179.93	11651.72	-253.29	662.40	110.93	709.18	259.87	9.41
11955.00	85.41	180.37	11669.98	-348.36	662.14	117.75	748.19	354.93	12.97

DigiDrill DataLogger

4/7

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
12049.00	87.82	180.99	11675.53	-442.18	661.03	123.78	795.29	448.73	2.65
12143.00	88.53	179.93	11678.52	-536.13	660.28	129.08	850.53	542.67	1.36
12238.00	89.05	179.76	11680.53	-631.10	660.53	133.69	913.56	637.64	0.58
12332.00	89.93	180.72	11681.37	-725.10	660.14	137.68	980.59	731.63	1.39
12425.00	91.69	180.81	11680.05	-818.08	658.90	141.15	1050.43	824.59	1.89
12519.00	92.35	181.08	11676.74	-912.00	657.35	144.22	1124.21	918.50	0.76
12613.00	92.18	181.69	11673.02	-1005.90	655.08	146.93	1200.40	1012.37	0.67
12707.00	93.01	182.48	11668.77	-1099.74	651.66	149.35	1278.32	1106.17	1.22
12801.00	90.68	181.87	11665.74	-1193.62	648.10	151.50	1358.22	1200.01	2.56
12895.00	90.55	182.04	11664.73	-1287.56	644.89	153.40	1440.03	1293.91	0.23
12989.00	87.96	182.39	11665.95	-1381.47	641.26	155.10	1523.05	1387.78	2.78
13084.00	87.30	182.31	11669.88	-1476.31	637.37	156.65	1608.02	1482.58	0.70
13178.00	89.23	182.22	11672.73	-1570.19	633.65	158.02	1693.23	1576.42	2.06
13273.00	91.47	185.65	11672.15	-1664.95	627.13	159.36	1779.14	1671.10	4.31
13366.00	90.73	186.00	11670.36	-1757.45	617.70	160.63	1862.84	1763.51	0.88
13460.00	88.75	182.66	11670.79	-1851.16	610.60	161.74	1949.26	1857.14	4.13
13554.00	88.84	180.29	11672.77	-1945.10	608.18	162.64	2037.97	1951.06	2.52
13648.00	88.62	178.97	11674.85	-2039.07	608.79	163.38	2128.02	2045.03	1.42
13742.00	88.92	178.18	11676.87	-2133.02	611.13	164.01	2218.84	2139.00	0.90
13835.00	92.62	176.77	11675.62	-2225.91	615.22	164.55	2309.36	2231.92	4.26
13929.00	92.79	176.95	11671.18	-2319.66	620.37	165.03	2401.18	2325.72	0.26
14024.00	91.87	176.24	11667.32	-2414.41	626.00	165.46	2494.25	2420.52	1.22
14118.00	92.79	177.12	11663.50	-2508.17	631.44	165.87	2586.44	2514.33	1.35
14212.00	93.05	177.65	11658.71	-2601.95	635.73	166.27	2678.49	2608.15	0.63
14307.00	90.55	178.44	11655.73	-2696.84	638.96	166.67	2771.51	2703.07	2.76
14401.00	91.65	180.55	11653.92	-2790.82	639.79	167.09	2863.21	2797.04	2.53
14495.00	90.46	181.95	11652.19	-2884.77	637.74	167.53	2954.43	2890.98	1.95
14588.00	89.85	181.87	11651.94	-2977.72	634.64	167.97	3044.60	2983.89	0.66
14682.00	88.48	181.69	11653.31	-3071.66	631.72	168.38	3135.95	3077.80	1.47
14776.00	90.11	179.05	11654.47	-3165.64	631.12	168.73	3227.94	3171.77	3.30
14870.00	92.70	177.91	11652.16	-3259.57	633.61	169.00	3320.58	3265.71	3.01
14965.00	91.78	176.42	11648.45	-3354.38	638.30	169.23	3414.57	3360.56	1.84
15059.00	90.95	176.33	11646.21	-3448.16	644.25	169.42	3507.83	3454.40	0.89
15153.00	90.81	175.36	11644.76	-3541.91	651.06	169.58	3601.24	3548.21	1.04
15247.00	90.81	177.30	11643.44	-3635.70	657.07	169.76	3694.60	3642.06	2.06
15342.00	90.02	176.15	11642.75	-3730.54	662.50	169.93	3788.91	3736.94	1.47
15435.00	91.96	178.09	11641.14	-3823.40	667.17	170.10	3881.17	3829.85	2.95

DigiDrill DataLogger

5/7

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
15529.00	94.42	179.67	11635.91	-3917.22	669.01	170.31	3973.94	3923.69	3.11
15623.00	94.15	179.67	11628.89	-4010.96	669.55	170.52	4066.46	4017.42	0.29
15741.00	94.90	178.97	11619.58	-4128.58	670.94	170.77	4182.75	4135.05	0.87
15837.00	92.79	179.05	11613.14	-4224.35	672.60	170.95	4277.56	4230.83	2.20
15931.00	90.15	179.23	11610.73	-4318.30	674.01	171.13	4370.58	4324.79	2.82
16025.00	90.33	179.14	11610.33	-4412.29	675.34	171.30	4463.67	4418.79	0.21
16118.00	87.25	178.70	11612.30	-4505.24	677.10	171.45	4555.83	4511.75	3.35
16212.00	87.96	178.53	11616.23	-4599.13	679.37	171.60	4649.03	4605.66	0.78
16307.00	89.80	180.02	11618.08	-4694.09	680.57	171.75	4743.17	4700.63	2.49
16401.00	88.79	178.70	11619.24	-4788.08	681.62	171.90	4836.35	4794.62	1.77
16496.00	89.98	179.67	11620.26	-4883.06	682.97	172.04	4930.59	4889.61	1.62
16590.00	89.80	180.11	11620.44	-4977.06	683.15	172.18	5023.73	4983.61	0.51
16685.00	89.54	179.41	11620.99	-5072.06	683.55	172.32	5117.91	5078.61	0.79
16778.00	91.08	179.93	11620.48	-5165.05	684.08	172.46	5210.16	5171.60	1.75
16873.00	91.16	179.85	11618.63	-5260.03	684.26	172.59	5304.35	5266.58	0.12
16968.00	91.08	180.02	11616.77	-5355.01	684.37	172.72	5398.57	5361.56	0.20
17062.00	90.68	180.20	11615.33	-5449.00	684.19	172.84	5491.79	5455.54	0.47
17156.00	91.30	180.64	11613.70	-5542.99	683.50	172.97	5584.97	5549.51	0.81
17250.00	89.27	178.53	11613.24	-5636.97	684.18	173.08	5678.34	5643.50	3.11
17344.00	89.05	177.74	11614.61	-5730.91	687.24	173.16	5771.97	5737.46	0.87
17439.00	89.32	177.74	11615.96	-5825.83	690.99	173.24	5866.66	5832.41	0.28
17532.00	88.57	177.56	11617.68	-5918.73	694.80	173.30	5959.37	5925.35	0.83
17626.00	90.55	178.35	11618.40	-6012.66	698.16	173.38	6053.06	6019.31	2.27
17721.00	90.11	178.44	11617.85	-6107.63	700.82	173.45	6147.70	6114.30	0.47
17815.00	88.79	178.09	11618.75	-6201.58	703.66	173.53	6241.37	6208.27	1.45
17909.00	88.35	177.82	11621.10	-6295.49	707.02	173.59	6335.06	6302.21	0.55
18004.00	89.10	176.68	11623.21	-6390.35	711.57	173.65	6429.85	6397.11	1.44
18098.00	90.42	177.82	11623.61	-6484.24	716.08	173.70	6523.66	6491.04	1.86
18193.00	92.09	180.29	11621.53	-6579.19	717.65	173.77	6618.22	6586.01	3.14
18287.00	92.00	180.99	11618.17	-6673.13	716.60	173.87	6711.49	6679.92	0.75
18381.00	92.22	180.81	11614.71	-6767.05	715.12	173.97	6804.73	6773.83	0.30
18476.00	92.00	180.02	11611.21	-6861.98	714.44	174.06	6899.07	6868.75	0.86
18569.00	91.78	179.85	11608.15	-6954.93	714.54	174.13	6991.54	6961.70	0.30
18663.00	89.80	178.44	11606.85	-7048.91	715.94	174.20	7085.17	7055.68	2.59
18757.00	90.55	178.97	11606.56	-7142.88	718.07	174.26	7178.88	7149.67	0.98
18851.00	89.89	179.32	11606.20	-7236.87	719.47	174.32	7272.54	7243.67	0.79
18945.00	89.71	180.20	11606.53	-7330.87	719.87	174.39	7366.13	7337.66	0.96

DigiDrill DataLogger

6/7

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MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
19039.00	89.45	179.85	11607.22	-7424.86	719.82	174.46	7459.67	7431.66	0.46
19133.00	91.74	181.25	11606.24	-7518.85	718.92	174.54	7553.14	7525.63	2.86
19228.00	90.07	179.58	11604.74	-7613.82	718.23	174.61	7647.63	7620.59	2.49
19323.00	87.82	178.97	11606.49	-7708.79	719.44	174.67	7742.29	7715.57	2.45
19418.00	86.59	178.09	11611.12	-7803.65	721.87	174.71	7836.96	7810.44	1.59
19512.00	86.64	178.44	11616.67	-7897.44	724.71	174.76	7930.62	7904.26	0.38
19606.00	89.71	180.72	11619.67	-7991.37	725.40	174.81	8024.23	7998.19	4.07
19700.00	89.32	181.78	11620.46	-8085.34	723.35	174.89	8117.64	8092.14	1.20
19795.00	89.76	182.39	11621.23	-8180.28	719.89	174.97	8211.89	8187.04	0.79
19889.00	89.36	182.13	11621.95	-8274.20	716.18	175.05	8305.14	8280.92	0.51
19983.00	90.20	182.13	11622.31	-8368.14	712.69	175.13	8398.43	8374.81	0.89
20078.00	86.95	181.52	11624.67	-8463.04	709.67	175.21	8492.75	8469.69	3.48
20173.00	87.38	180.37	11629.37	-8557.91	708.10	175.27	8587.16	8564.53	1.29
20267.00	89.98	179.85	11631.54	-8651.88	707.92	175.32	8680.79	8658.49	2.82
20361.00	92.18	180.37	11629.76	-8745.86	707.74	175.37	8774.45	8752.47	2.40
20455.00	92.31	180.55	11626.08	-8839.78	706.99	175.43	8868.01	8846.38	0.24
20550.00	92.92	180.02	11621.75	-8934.68	706.52	175.48	8962.57	8941.27	0.85
20644.00	91.96	180.37	11617.75	-9028.59	706.20	175.53	9056.17	9035.17	1.09
20739.00	91.25	180.11	11615.08	-9123.56	705.80	175.58	9150.82	9130.13	0.80
20833.00	89.80	179.67	11614.22	-9217.55	705.98	175.62	9244.54	9224.12	1.61
20927.00	88.35	179.93	11615.74	-9311.53	706.31	175.66	9338.28	9318.10	1.57
21021.00	87.56	178.70	11619.10	-9405.46	707.43	175.70	9432.03	9412.04	1.55
21116.00	86.90	177.91	11623.69	-9500.31	710.24	175.72	9526.82	9506.91	1.08
21211.00	86.86	177.38	11628.86	-9595.09	714.13	175.74	9621.63	9601.72	0.56
21306.00	87.91	176.51	11633.19	-9689.85	719.19	175.76	9716.51	9696.53	1.43
21402.00	86.95	175.54	11637.50	-9785.52	725.84	175.76	9812.41	9792.26	1.42
21496.00	90.55	176.77	11639.55	-9879.27	732.14	175.76	9906.36	9886.07	4.05
21592.00	88.88	176.59	11640.02	-9975.11	737.70	175.77	10002.35	9981.95	1.75
21687.00	89.76	176.42	11641.15	-10069.92	743.49	175.78	10097.33	10076.82	0.94
21782.00	91.08	176.33	11640.45	-10164.73	749.50	175.78	10192.32	10171.68	1.39
21877.00	89.49	174.40	11639.98	-10259.41	757.17	175.78	10287.31	10266.43	2.63
21888.00	89.54	174.31	11640.08	-10270.35	758.25	175.78	10298.31	10277.39	0.94

Projected Survey

MD	Inclination	Azimuth	TVD	NS	EW	CA	CD	VS	DLS
21953.00	89.54	174.31	11640.60	-10335.03	764.70	175.77	10363.28	10342.13	0.00

District I
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District II
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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 56329

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 56329
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☐	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.

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CONDITIONS

Action 56329

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 56329
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/1/2024