

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address TAP ROCK OPERATING, LLC 602 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401		² OGRID Number 372043	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 0 15-46218	⁵ Pool Name PURPLE SAGE, WOLFCAMP		⁶ Pool Code 98220
⁷ Property Code 326031	⁸ Property Name MONEY GRAHAM FED COM		⁹ Well Number 204H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
H	32	26S	29E	4	250	SOUTH	904	EAST	EDDY

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	26S	29E		204	NORTH	934	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 2/22/2020	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
373554	SALT CREEK MIDSTREAM, LLC 20329 STATE HIGHWAY 249 HOUSTON, TX U.S.A 77070	O
373554	SALT CREEK MIDSTREAM, LLC 20329 STATE HIGHWAY 249 HOUSTON, TX U.S.A 77070	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
9/26/19	2/22/2020	16800'	16699'	9568'-16593'	
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17 1/2"		13 3/8"	615'		860
12 1/4"		9 5/8"	2910'		1041
8 3/4"		7 5/8"	9003'		694
6 3/4		5 1/2", 5"	8672', 16785'		981

V. Well Test Data

³¹ Date New Oil 2/24/2020	³² Gas Delivery Date 2/24/2020	³³ Test Date 3/7/2020	³⁴ Test Length 24 hrs.	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1125
³⁷ Choke Size 46	³⁸ Oil 578	³⁹ Water 5440	⁴⁰ Gas 2159		⁴¹ Test Method F
⁴² 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. Signature: 			OIL CONSERVATION DIVISION		
Printed name: Bill Ramsey			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: bramsey@taprk.com			Approval Date: 1/11/2023		
Date: 10/8/2020		Phone: 720-360-4028			

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 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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-46218		² Pool Code 98220	³ Pool Name PURPLE SAGE, WOLFCAMP (GAS)
⁴ Property Code 326031	⁵ Property Name MONEY GRAM FED COM		⁶ Well Number 204H
⁷ OGRID No. 372043	⁸ Operator Name TAP ROCK OPERATING, LLC.		⁹ Elevation 2866'

¹⁰Surface Location

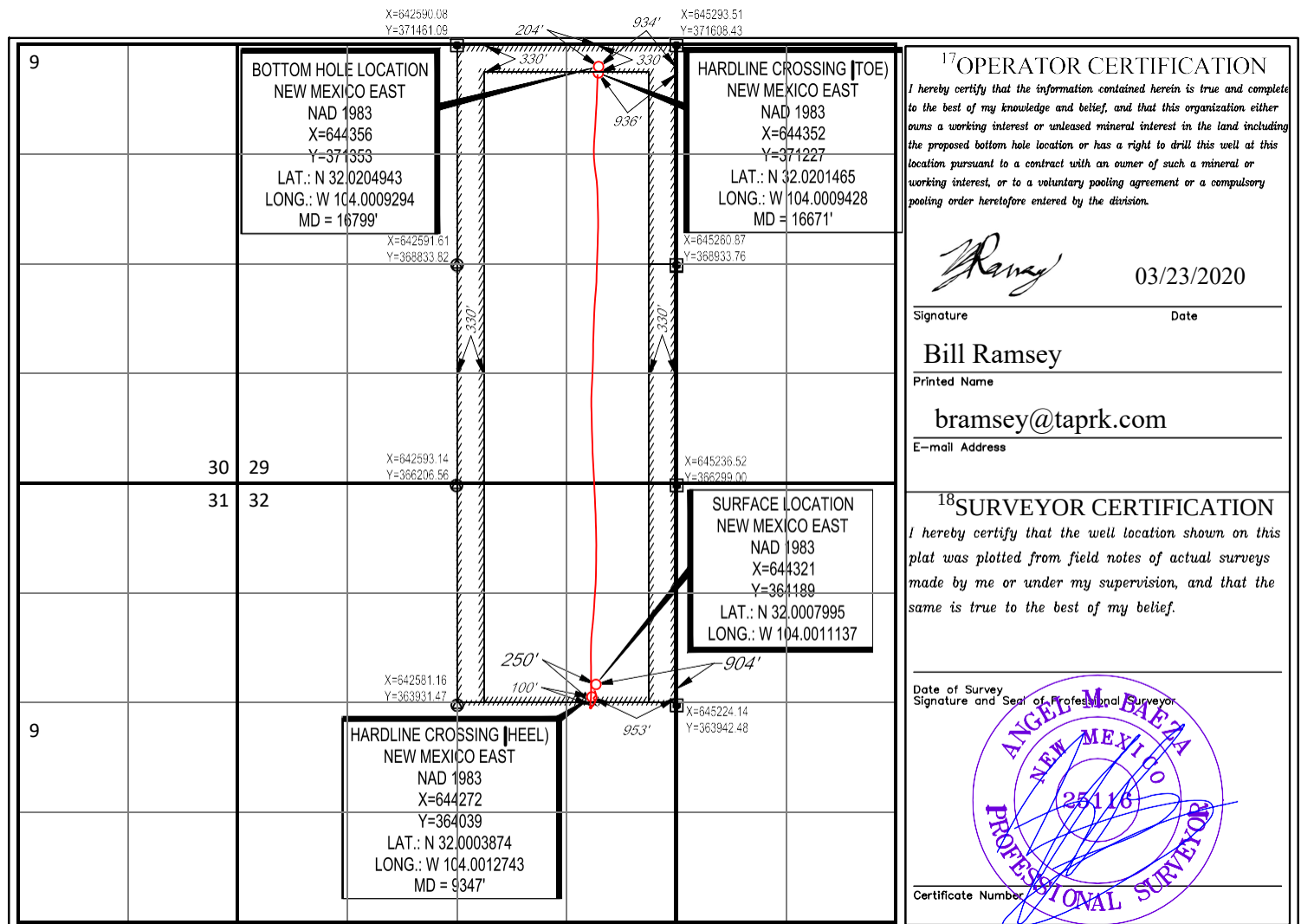
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	32	26-S	29-E	-	250'	SOUTH	904'	EAST	EDDY

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
A	29	26-S	29-E	-	204'	NORTH	934'	EAST	EDDY

¹² Dedicated Acres 445.60	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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.

¹⁷OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Bill Ramsey

03/23/2020

Signature

Date

Bill Ramsey

Printed Name

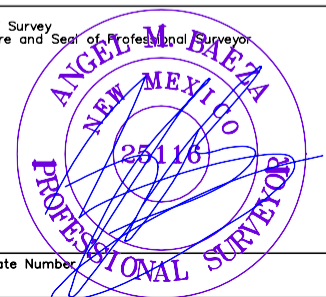
bramsey@taprk.com

E-mail Address

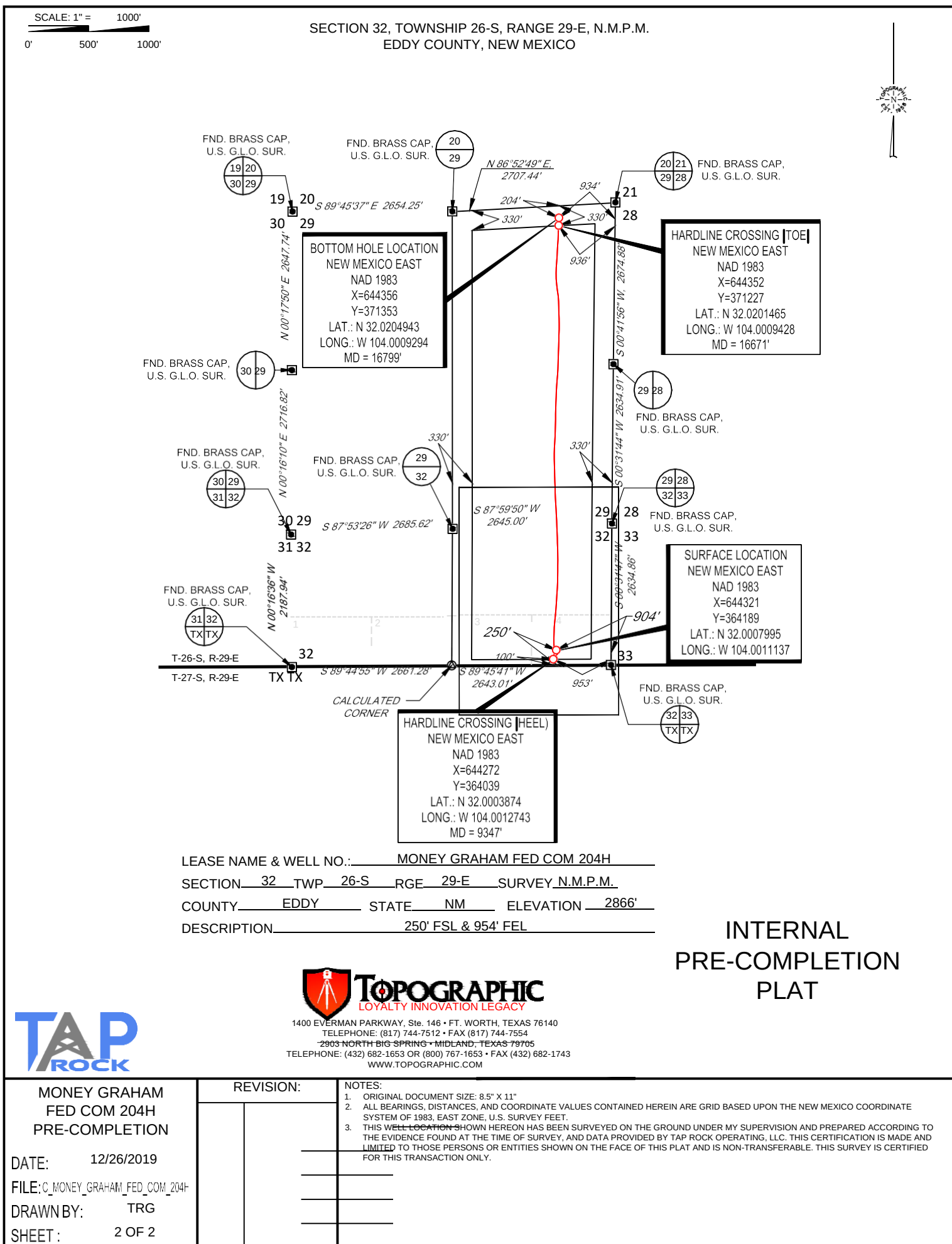
¹⁸SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number





Tap Rock Resources, LLC

**Eddy County, NM (NAD 83 NME)
(Money Graham) Sec-32_T-26-S_R-29-E
Money Graham Fed Com #204H**

OWB

Design: AWB

Standard Survey Report

05 December, 2019





Operator: Taprock Resources LLC
Well Name: Money Graham Fed Com #204H
County: Eddy
State: New Mexico
Rig Name: H&P 245
API Number: 30-015-46218

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: 702' MD – 16724' MD
Projection to Bit: 16800' MD
Dates Performed: 11/02/2019 – 11/07/2019 & 12/01/2019 – 12/05/2020
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





Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Project	Eddy County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	(Money Graham) Sec-32_T-26-S_R-29-E		
Site Position:		Northing:	364,259.00 usft
From:	Map	Easting:	644,466.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 0' 3.571 N
		Longitude:	104° 0' 2.323 W
		Grid Convergence:	0.18 °

Well	Money Graham Fed Com #204H		
Well Position	+N/-S	0.0 usft	Northing: 364,189.00 usft
	+E/-W	0.0 usft	Easting: 644,321.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 0' 2.882 N
		Longitude:	104° 0' 4.009 W
		Ground Level:	2,866.0 usft

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	10/13/19	6.88
			Dip Angle (°)
			59.76
			Field Strength (nT)
			47,526.25441803

Design	AWB		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			0.52

Survey Program	Date	12/05/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
26.0	619.0	Invictus MWD (OWB)	MWD	OWSG MWD - Standard
702.0	16,800.0	Intrepid MWD (OWB)	MWD	OWSG MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
26.0	0.00	0.00	26.0	0.0	0.0	0.0	0.00	0.00	0.00
78.0	0.80	261.76	78.0	-0.1	-0.4	-0.1	1.54	1.54	0.00
170.0	0.60	250.76	170.0	-0.3	-1.4	-0.3	0.26	-0.22	-11.96
284.0	0.20	23.76	284.0	-0.3	-1.9	-0.3	0.66	-0.35	116.67
409.6	0.80	137.76	409.6	-0.8	-1.3	-0.8	0.72	0.48	90.76
504.0	1.00	124.76	504.0	-1.7	-0.1	-1.7	0.30	0.21	-13.77
507.0	0.99	125.29	507.0	-1.8	-0.1	-1.8	0.53	-0.44	17.38
Rustler Anhydrite									
619.0	0.60	159.76	619.0	-2.9	0.9	-2.9	0.53	-0.35	30.79



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
682.1	2.21	142.13	682.0	-4.1	1.8	-4.1	2.62	2.55	-27.97
Top Salt									
702.0	2.73	140.92	701.9	-4.8	2.3	-4.8	2.62	2.60	-6.05
796.0	4.44	159.90	795.7	-10.0	5.0	-9.9	2.19	1.82	20.19
888.0	6.51	166.76	887.3	-18.4	7.4	-18.3	2.36	2.25	7.46
982.0	6.11	167.20	980.7	-28.4	9.7	-28.4	0.43	-0.43	0.47
1,076.0	5.71	165.26	1,074.2	-37.8	12.0	-37.7	0.48	-0.43	-2.06
1,169.0	4.97	167.64	1,166.8	-46.3	14.0	-46.1	0.83	-0.80	2.56
1,254.0	4.75	185.22	1,251.5	-53.4	14.5	-53.2	1.76	-0.26	20.68
1,349.0	5.23	209.39	1,346.2	-61.0	12.0	-60.9	2.25	0.51	25.44
1,442.0	5.41	220.55	1,438.8	-68.1	7.1	-68.0	1.13	0.19	12.00
1,535.0	4.44	224.42	1,531.4	-74.0	1.7	-74.0	1.10	-1.04	4.16
1,628.0	4.13	225.21	1,624.2	-78.9	-3.2	-78.9	0.34	-0.33	0.85
1,722.0	3.12	220.99	1,718.0	-83.2	-7.3	-83.3	1.11	-1.07	-4.49
1,816.0	2.07	206.40	1,811.9	-86.7	-9.7	-86.8	1.31	-1.12	-15.52
1,909.0	1.71	207.98	1,904.9	-89.4	-11.1	-89.5	0.39	-0.39	1.70
2,004.0	1.27	206.13	1,999.8	-91.6	-12.2	-91.7	0.47	-0.46	-1.95
2,098.0	1.14	151.73	2,093.8	-93.4	-12.2	-93.5	1.18	-0.14	-57.87
2,191.0	2.29	153.84	2,186.8	-95.8	-11.0	-95.9	1.24	1.24	2.27
2,285.0	2.81	163.95	2,280.7	-99.7	-9.5	-99.8	0.73	0.55	10.76
2,379.0	3.03	140.66	2,374.5	-103.9	-7.3	-103.9	1.27	0.23	-24.78
2,396.5	3.19	138.18	2,392.0	-104.6	-6.7	-104.7	1.21	0.93	-14.19
Base Salt									
2,473.0	3.96	129.84	2,468.4	-107.9	-3.2	-107.9	1.21	1.00	-10.90
2,567.0	3.47	142.68	2,562.2	-112.2	1.0	-112.2	1.02	-0.52	13.66
2,661.0	2.73	165.35	2,656.0	-116.6	3.3	-116.6	1.51	-0.79	24.12
2,737.0	2.55	157.31	2,732.0	-120.0	4.4	-119.9	0.54	-0.24	-10.57
Delaware Mountain Gp									
2,755.0	2.51	155.25	2,749.9	-120.7	4.7	-120.6	0.54	-0.20	-11.47
2,849.0	2.11	158.85	2,843.9	-124.2	6.2	-124.1	0.45	-0.43	3.83
2,852.1	2.09	158.64	2,847.0	-124.3	6.2	-124.2	0.61	-0.56	-6.56
Bell Canyon - Lamar									
2,892.2	1.87	155.68	2,887.0	-125.5	6.8	-125.5	0.61	-0.56	-7.41
Ramsey Sand									
2,929.0	1.67	152.26	2,923.8	-126.6	7.3	-126.5	0.61	-0.54	-9.28
3,023.0	3.56	197.87	3,017.7	-130.6	7.0	-130.5	2.84	2.01	48.52
3,117.0	5.23	202.79	3,111.5	-137.3	4.5	-137.2	1.82	1.78	5.23
3,210.0	5.27	203.06	3,204.1	-145.1	1.1	-145.1	0.05	0.04	0.29
3,305.0	4.62	207.28	3,298.7	-152.5	-2.3	-152.6	0.78	-0.68	4.44
3,399.0	4.22	217.38	3,392.4	-158.7	-6.2	-158.7	0.93	-0.43	10.74
3,492.0	4.18	215.54	3,485.2	-164.1	-10.2	-164.2	0.15	-0.04	-1.98
3,586.0	3.56	215.01	3,579.0	-169.3	-13.9	-169.4	0.66	-0.66	-0.56
3,680.0	1.93	220.90	3,672.9	-172.9	-16.6	-173.0	1.76	-1.73	6.27
3,774.0	2.20	219.58	3,766.8	-175.5	-18.8	-175.6	0.29	0.29	-1.40



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,868.0	2.29	219.49	3,860.7	-178.3	-21.1	-178.5	0.10	0.10	-0.10
3,869.3	2.27	219.53	3,862.0	-178.4	-21.1	-178.5	1.58	-1.57	3.42
Cherry Canyon									
3,961.0	0.84	228.11	3,953.7	-180.2	-22.8	-180.4	1.58	-1.56	9.35
4,055.0	0.18	257.55	4,047.7	-180.7	-23.5	-180.9	0.73	-0.70	31.32
4,149.0	0.13	224.68	4,141.7	-180.8	-23.7	-181.0	0.11	-0.05	-34.97
4,243.0	0.22	227.14	4,235.7	-181.0	-23.9	-181.2	0.10	0.10	2.62
4,337.0	0.26	242.96	4,329.7	-181.2	-24.2	-181.4	0.08	0.04	16.83
4,431.0	0.75	232.33	4,423.7	-181.7	-24.9	-181.9	0.53	0.52	-11.31
4,525.0	0.70	222.39	4,517.7	-182.5	-25.8	-182.7	0.14	-0.05	-10.57
4,618.0	0.70	210.00	4,610.7	-183.4	-26.4	-183.6	0.16	0.00	-13.32
4,713.0	0.75	199.89	4,705.7	-184.5	-26.9	-184.7	0.14	0.05	-10.64
4,806.0	1.10	219.05	4,798.6	-185.8	-27.7	-186.0	0.50	0.38	20.60
4,844.4	1.24	214.45	4,837.0	-186.4	-28.2	-186.6	0.44	0.37	-12.00
Brushy Canyon									
4,899.0	1.45	209.47	4,891.6	-187.5	-28.8	-187.7	0.44	0.38	-9.11
4,992.0	1.54	209.21	4,984.6	-189.6	-30.0	-189.9	0.10	0.10	-0.28
5,085.0	1.63	194.00	5,077.5	-192.0	-31.0	-192.2	0.46	0.10	-16.35
5,179.0	2.11	199.72	5,171.5	-194.9	-31.9	-195.2	0.55	0.51	6.09
5,273.0	1.10	214.22	5,265.5	-197.3	-33.0	-197.6	1.15	-1.07	15.43
5,367.0	0.84	232.68	5,359.4	-198.4	-34.0	-198.7	0.43	-0.28	19.64
5,460.0	0.92	229.69	5,452.4	-199.3	-35.1	-199.6	0.10	0.09	-3.22
5,553.0	1.10	222.04	5,545.4	-200.5	-36.3	-200.8	0.24	0.19	-8.23
5,647.0	0.79	218.70	5,639.4	-201.7	-37.3	-202.0	0.33	-0.33	-3.55
5,740.0	0.75	238.65	5,732.4	-202.5	-38.2	-202.8	0.29	-0.04	21.45
5,835.0	0.62	210.44	5,827.4	-203.2	-39.0	-203.6	0.38	-0.14	-29.69
5,928.0	1.01	208.33	5,920.4	-204.4	-39.7	-204.7	0.42	0.42	-2.27
6,022.0	1.10	202.27	6,014.4	-206.0	-40.4	-206.3	0.15	0.10	-6.45
6,115.0	1.41	202.18	6,107.3	-207.8	-41.2	-208.2	0.33	0.33	-0.10
6,209.0	1.49	193.30	6,201.3	-210.1	-41.9	-210.5	0.25	0.09	-9.45
6,302.0	1.80	200.68	6,294.3	-212.7	-42.7	-213.0	0.40	0.33	7.94
6,396.0	0.79	165.70	6,388.3	-214.7	-43.0	-215.0	1.32	-1.07	-37.21
6,434.7	0.69	181.04	6,427.0	-215.2	-43.0	-215.5	0.57	-0.26	39.60
Bone Spring Lime									
6,490.0	0.66	207.89	6,482.2	-215.8	-43.1	-216.1	0.57	-0.06	48.59
6,584.0	0.88	256.93	6,576.2	-216.4	-44.1	-216.8	0.71	0.23	52.17
6,678.0	1.32	266.51	6,670.2	-216.6	-45.9	-217.0	0.51	0.47	10.19
6,771.0	0.62	274.78	6,763.2	-216.7	-47.4	-217.1	0.77	-0.75	8.89
6,865.0	0.75	287.26	6,857.2	-216.4	-48.5	-216.9	0.21	0.14	13.28
6,959.0	1.14	277.24	6,951.2	-216.1	-50.0	-216.6	0.45	0.41	-10.66
7,052.0	0.79	337.97	7,044.2	-215.4	-51.2	-215.9	1.10	-0.38	65.30
7,146.0	1.93	331.11	7,138.1	-213.4	-52.2	-213.9	1.22	1.21	-7.30
7,239.0	1.71	359.50	7,231.1	-210.7	-53.0	-211.2	0.99	-0.24	30.53
7,333.0	1.85	25.61	7,325.1	-207.9	-52.3	-208.4	0.87	0.15	27.78



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,360.0	1.63	22.89	7,352.0	-207.2	-52.0	-207.6	0.88	-0.83	-10.08
1st Bone Spring Sand									
7,427.0	1.10	11.46	7,419.0	-205.7	-51.5	-206.1	0.88	-0.79	-17.05
7,520.0	0.70	330.85	7,512.0	-204.3	-51.6	-204.7	0.78	-0.43	-43.67
7,614.0	1.01	299.30	7,606.0	-203.4	-52.6	-203.8	0.59	0.33	-33.56
7,708.0	0.92	314.06	7,700.0	-202.4	-53.9	-202.9	0.28	-0.10	15.70
7,801.0	1.27	318.37	7,793.0	-201.2	-55.1	-201.6	0.39	0.38	4.63
7,894.0	0.66	127.21	7,886.0	-200.7	-55.3	-201.2	2.07	-0.66	181.55
7,940.0	0.59	122.70	7,932.0	-201.0	-54.9	-201.5	0.18	-0.14	-9.80
2nd Bone Spring Sand									
7,988.0	0.53	116.84	7,980.0	-201.2	-54.5	-201.7	0.18	-0.13	-12.21
8,082.0	0.79	31.58	8,074.0	-200.9	-53.8	-201.4	0.97	0.28	-90.70
8,175.0	1.01	42.57	8,167.0	-199.7	-52.9	-200.2	0.30	0.24	11.82
8,269.0	0.40	94.25	8,260.9	-199.1	-52.0	-199.6	0.88	-0.65	54.98
8,362.0	0.13	78.17	8,353.9	-199.1	-51.6	-199.6	0.30	-0.29	-17.29
8,455.0	0.22	13.13	8,446.9	-199.0	-51.4	-199.4	0.22	0.10	-69.94
8,548.0	0.40	13.39	8,539.9	-198.5	-51.3	-198.9	0.19	0.19	0.28
8,641.0	1.01	171.33	8,632.9	-199.0	-51.1	-199.4	1.49	0.66	169.83
8,735.0	1.54	193.30	8,726.9	-201.0	-51.3	-201.5	0.76	0.56	23.37
8,829.0	1.71	192.86	8,820.9	-203.6	-51.9	-204.1	0.18	0.18	-0.47
8,922.0	1.63	200.07	8,913.8	-206.2	-52.7	-206.7	0.24	-0.09	7.75
8,959.0	1.98	207.72	8,950.8	-207.3	-53.1	-207.7	1.15	0.95	20.68
9,070.0	1.85	220.11	9,061.8	-210.3	-55.2	-210.8	0.39	-0.12	11.16
9,164.0	4.66	2.49	9,155.7	-207.7	-56.0	-208.2	6.63	2.99	151.47
9,182.4	7.78	4.77	9,174.0	-205.7	-55.9	-206.2	16.99	16.94	12.34
3rd Bone Spring Sand									
9,257.0	20.44	6.89	9,246.2	-187.6	-53.9	-188.1	16.99	16.98	2.85
9,347.0	28.77	6.97	9,327.9	-150.5	-49.4	-150.9	9.26	9.26	0.09
FTP @ 9347'MD, 100'FSL & 953'FEL									
9,350.0	29.05	6.97	9,330.5	-149.0	-49.2	-149.5	9.26	9.26	0.06
9,444.0	40.00	2.93	9,407.9	-96.0	-44.9	-96.4	11.90	11.65	-4.30
9,476.0	42.34	1.88	9,432.0	-75.0	-44.0	-75.4	7.61	7.30	-3.28
3rd BS W Sand									
9,537.0	46.81	0.12	9,475.4	-32.2	-43.3	-32.6	7.61	7.34	-2.89
9,609.1	52.61	359.70	9,522.0	22.7	-43.3	22.3	8.05	8.04	-0.58
Wolfcamp A									
9,630.0	54.29	359.59	9,534.5	39.6	-43.5	39.2	8.05	8.04	-0.52
9,723.0	61.05	358.98	9,584.2	118.1	-44.4	117.7	7.29	7.27	-0.66
9,817.0	67.69	0.21	9,624.8	202.8	-45.0	202.4	7.16	7.06	1.31
9,836.6	69.28	0.42	9,632.0	221.0	-44.9	220.6	8.19	8.13	1.07
Wolfcamp A Y Sand									
9,910.0	75.25	1.17	9,654.3	290.9	-43.9	290.5	8.19	8.13	1.02
10,004.0	80.53	4.60	9,674.1	382.6	-39.3	382.3	6.65	5.62	3.65
10,097.0	88.48	5.66	9,683.0	474.8	-31.0	474.5	8.62	8.55	1.14



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,190.0	91.91	5.30	9,682.6	567.3	-22.1	567.1	3.71	3.69	-0.39
10,282.0	91.82	4.69	9,679.7	658.9	-14.1	658.8	0.67	-0.10	-0.66
10,375.0	90.64	3.90	9,677.7	751.6	-7.2	751.5	1.53	-1.27	-0.85
10,468.0	90.68	3.81	9,676.6	844.4	-0.9	844.4	0.11	0.04	-0.10
10,561.0	89.93	3.46	9,676.1	937.2	5.0	937.2	0.89	-0.81	-0.38
10,655.0	89.19	3.81	9,676.8	1,031.0	10.9	1,031.1	0.87	-0.79	0.37
10,748.0	86.90	1.35	9,680.0	1,123.9	15.1	1,124.0	3.61	-2.46	-2.65
10,841.0	86.99	1.17	9,684.9	1,216.7	17.2	1,216.8	0.22	0.10	-0.19
10,935.0	88.53	359.85	9,688.6	1,310.6	18.0	1,310.7	2.16	1.64	-1.40
11,028.0	89.58	0.82	9,690.1	1,403.6	18.5	1,403.7	1.54	1.13	1.04
11,121.0	89.36	0.47	9,691.0	1,496.6	19.6	1,496.7	0.44	-0.24	-0.38
11,213.0	88.26	358.71	9,692.9	1,588.6	18.9	1,588.7	2.26	-1.20	-1.91
11,306.0	89.36	358.36	9,694.9	1,681.5	16.6	1,681.6	1.24	1.18	-0.38
11,400.0	89.76	358.36	9,695.6	1,775.5	13.9	1,775.5	0.43	0.43	0.00
11,493.0	89.27	358.36	9,696.4	1,868.5	11.2	1,868.5	0.53	-0.53	0.00
11,586.0	86.99	357.04	9,699.4	1,961.3	7.5	1,961.3	2.83	-2.45	-1.42
11,680.0	88.62	357.22	9,703.0	2,055.1	2.8	2,055.1	1.74	1.73	0.19
11,773.0	92.44	358.36	9,702.1	2,148.0	-0.8	2,147.9	4.29	4.11	1.23
11,867.0	90.77	356.87	9,699.5	2,241.9	-4.7	2,241.8	2.38	-1.78	-1.59
11,960.0	90.95	357.13	9,698.1	2,334.8	-9.6	2,334.6	0.34	0.19	0.28
12,053.0	91.34	356.95	9,696.2	2,427.6	-14.4	2,427.4	0.46	0.42	-0.19
12,146.0	91.65	356.60	9,693.8	2,520.5	-19.6	2,520.2	0.50	0.33	-0.38
12,239.0	91.16	357.57	9,691.5	2,613.3	-24.3	2,613.0	1.17	-0.53	1.04
12,331.0	89.89	358.80	9,690.7	2,705.2	-27.3	2,704.9	1.92	-1.38	1.34
12,424.0	87.25	358.27	9,693.0	2,798.2	-29.6	2,797.8	2.90	-2.84	-0.57
12,517.0	86.73	358.01	9,697.9	2,891.0	-32.7	2,890.6	0.62	-0.56	-0.28
12,611.0	87.60	358.80	9,702.6	2,984.8	-35.3	2,984.4	1.25	0.93	0.84
12,703.0	87.21	358.54	9,706.7	3,076.7	-37.4	3,076.3	0.51	-0.42	-0.28
12,797.0	88.84	358.45	9,710.0	3,170.6	-39.9	3,170.1	1.74	1.73	-0.10
12,890.0	92.26	0.82	9,709.1	3,263.6	-40.5	3,263.1	4.47	3.68	2.55
12,983.0	92.44	3.37	9,705.2	3,356.5	-37.1	3,356.0	2.75	0.19	2.74
13,076.0	92.75	3.28	9,701.0	3,449.2	-31.7	3,448.8	0.35	0.33	-0.10
13,170.0	88.44	1.96	9,700.1	3,543.1	-27.4	3,542.7	4.80	-4.59	-1.40
13,264.0	89.49	2.14	9,701.8	3,637.0	-24.0	3,636.6	1.13	1.12	0.19
13,358.0	89.36	1.88	9,702.7	3,730.9	-20.7	3,730.6	0.31	-0.14	-0.28
13,451.0	88.35	0.29	9,704.6	3,823.9	-19.0	3,823.6	2.03	-1.09	-1.71
13,545.0	88.84	1.08	9,706.9	3,917.9	-17.8	3,917.5	0.99	0.52	0.84
13,639.0	88.66	2.14	9,708.9	4,011.8	-15.2	4,011.5	1.14	-0.19	1.13
13,733.0	86.77	2.05	9,712.7	4,105.7	-11.8	4,105.4	2.01	-2.01	-0.10
13,826.0	88.22	2.05	9,716.7	4,198.5	-8.4	4,198.3	1.56	1.56	0.00
13,919.0	87.96	2.49	9,719.8	4,291.4	-4.8	4,291.2	0.55	-0.28	0.47
14,012.0	88.48	3.11	9,722.7	4,384.2	-0.2	4,384.1	0.87	0.56	0.67
14,106.0	91.08	5.22	9,723.1	4,478.0	6.6	4,477.8	3.56	2.77	2.24
14,200.0	90.51	5.48	9,721.8	4,571.6	15.4	4,571.5	0.67	-0.61	0.28



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,293.0	87.60	1.61	9,723.3	4,664.3	21.1	4,664.3	5.21	-3.13	-4.16
14,386.0	86.64	1.08	9,728.0	4,757.2	23.3	4,757.2	1.18	-1.03	-0.57
14,480.0	87.60	2.40	9,732.7	4,851.0	26.2	4,851.1	1.73	1.02	1.40
14,574.0	91.08	3.02	9,733.8	4,944.9	30.6	4,945.0	3.76	3.70	0.66
14,667.0	89.89	1.17	9,733.0	5,037.8	34.0	5,037.9	2.37	-1.28	-1.99
14,761.0	92.00	1.70	9,731.5	5,131.8	36.4	5,131.9	2.31	2.24	0.56
14,855.0	92.44	1.70	9,727.8	5,225.7	39.1	5,225.8	0.47	0.47	0.00
14,948.0	91.87	1.08	9,724.3	5,318.6	41.4	5,318.7	0.91	-0.61	-0.67
15,042.0	87.03	358.89	9,725.2	5,412.5	41.4	5,412.7	5.65	-5.15	-2.33
15,135.0	87.38	358.98	9,729.7	5,505.4	39.6	5,505.5	0.39	0.38	0.10
15,229.0	86.77	358.18	9,734.5	5,599.3	37.3	5,599.4	1.07	-0.65	-0.85
15,323.0	88.53	358.18	9,738.4	5,693.1	34.3	5,693.2	1.87	1.87	0.00
15,416.0	88.75	357.66	9,740.6	5,786.0	31.0	5,786.1	0.61	0.24	-0.56
15,509.0	89.32	354.05	9,742.2	5,878.8	24.2	5,878.7	3.93	0.61	-3.88
15,603.0	89.14	351.59	9,743.4	5,972.0	12.5	5,971.9	2.62	-0.19	-2.62
15,696.0	90.07	353.26	9,744.1	6,064.2	0.2	6,063.9	2.06	1.00	1.80
15,790.0	89.76	355.81	9,744.2	6,157.8	-8.7	6,157.4	2.73	-0.33	2.71
15,884.0	92.53	2.05	9,742.3	6,251.7	-10.5	6,251.3	7.26	2.95	6.64
15,978.0	91.43	3.63	9,739.1	6,345.5	-5.8	6,345.2	2.05	-1.17	1.68
16,071.0	89.27	3.90	9,738.5	6,438.3	0.3	6,438.0	2.34	-2.32	0.29
16,164.0	88.53	3.02	9,740.3	6,531.1	5.9	6,530.9	1.24	-0.80	-0.95
16,258.0	89.23	3.81	9,742.1	6,624.9	11.5	6,624.7	1.12	0.74	0.84
16,351.0	88.44	3.19	9,744.0	6,717.7	17.2	6,717.6	1.08	-0.85	-0.67
16,444.0	89.23	3.55	9,745.9	6,810.5	22.6	6,810.5	0.93	0.85	0.39
16,538.0	85.05	1.96	9,750.6	6,904.3	27.2	6,904.2	4.76	-4.45	-1.69
16,553.8	84.92	1.92	9,752.0	6,920.0	27.7	6,920.0	0.84	-0.80	-0.28
Wolfcamp A Fat									
16,631.0	84.31	1.70	9,759.2	6,996.8	30.1	6,996.8	0.84	-0.80	-0.28
16,672.0	83.63	1.70	9,763.5	7,037.6	31.3	7,037.6	1.66	-1.66	0.00
LTP @ 16672'MD, 330'FNL & 937'FEL									
16,724.0	82.77	1.70	9,769.7	7,089.2	32.9	7,089.2	1.66	-1.66	0.00
LAST SVY									
16,800.0	82.77	1.70	9,779.3	7,164.6	35.1	7,164.6	0.00	0.00	0.00
Projection to TD @ 16800'MD, 203.5'FNL & 934.6'FEL									



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Design Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
FTP (Money Graham	0.00	0.01	9,693.0	-150.0	-42.0	364,039.00	644,279.00	32° 0' 1.399 N	104° 0' 4.502 W
- actual wellpath misses target center by 241.4usft at 9587.9usft MD (9508.9 TVD, 6.1 N, -43.3 E)									
- Point									
LTP (Money Graham	0.00	0.01	9,765.1	7,037.0	23.0	371,226.00	644,344.00	32° 1' 12.521 N	104° 0' 3.491 W
- actual wellpath misses target center by 8.4usft at 16671.3usft MD (9763.5 TVD, 7036.9 N, 31.3 E)									
- Point									
PBHL (Money Graham	0.60	0.52	9,765.1	7,167.0	24.0	371,356.00	644,345.00	32° 1' 13.808 N	104° 0' 3.474 W
- actual wellpath misses target center by 18.2usft at 16800.0usft MD (9779.3 TVD, 7164.6 N, 35.1 E)									
- Rectangle (sides W100.0 H1,217.8 D30.0)									

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
507.0	507.0	Rustler Anhydrite			
682.1	682.0	Top Salt			
2,396.5	2,392.0	Base Salt			
2,737.0	2,732.0	Delaware Mountain Gp			
2,852.1	2,847.0	Bell Canyon			
2,852.1	2,847.0	Lamar			
2,892.2	2,887.0	Ramsey Sand			
3,869.3	3,862.0	Cherry Canyon			
4,844.4	4,837.0	Brushy Canyon			
6,434.7	6,427.0	Bone Spring Lime			
7,360.0	7,352.0	1st Bone Spring Sand			
7,940.0	7,932.0	2nd Bone Spring Sand			
9,182.4	9,174.0	3rd Bone Spring Sand			
9,476.0	9,432.0	3rd BS W Sand			
9,609.1	9,522.0	Wolfcamp A			
9,836.6	9,632.0	Wolfcamp A Y Sand			
16,553.8	9,752.0	Wolfcamp A Fat			

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		
		+N/-S (usft)	+E/-W (usft)	Comment
9,347.0	9,327.9	-150.5	-49.4	FTP @ 9347'MD, 100'FSL & 953'FEL
16,672.0	9,763.5	7,037.6	31.3	LTP @ 16672'MD, 330'FNL & 937'FEL
16,724.0	9,769.7	7,089.2	32.9	LAST SVY
16,800.0	9,779.3	7,164.6	35.1	Projection to TD @ 16800'MD, 203.5'FNL & 934.6'FEL

Checked By: _____ Approved By: _____ Date: _____



Operator: Taprock Resources LLC
Well Name: Money Graham Fed Com #204H
County: Eddy
State: New Mexico
Rig Name: H&P 245
API Number: 30-015-46218

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: 702' MD – 16724' MD
Projection to Bit: 16800' MD
Dates Performed: 11/02/2019 – 11/07/2019 & 12/01/2019 – 12/05/2020
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





Tap Rock Resources, LLC

**Eddy County, NM (NAD 83 NME)
(Money Graham) Sec-32_T-26-S_R-29-E
Money Graham Fed Com #204H**

OWB

Design: AWB

Standard Survey Report

05 December, 2019





Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Project	Eddy County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	(Money Graham) Sec-32_T-26-S_R-29-E		
Site Position:		Northing:	364,259.00 usft
From:	Map	Easting:	644,466.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 0' 3.571 N
		Longitude:	104° 0' 2.323 W
		Grid Convergence:	0.18 °

Well	Money Graham Fed Com #204H		
Well Position	+N/-S	0.0 usft	Northing: 364,189.00 usft
	+E/-W	0.0 usft	Easting: 644,321.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 0' 2.882 N
		Longitude:	104° 0' 4.009 W
		Ground Level:	2,866.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/13/19	6.88	59.76	47,526.25441803

Design	AWB			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	0.52

Survey Program	Date	12/05/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
26.0	619.0	Invictus MWD (OWB)	MWD	OWSG MWD - Standard
702.0	16,800.0	Intrepid MWD (OWB)	MWD	OWSG MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
26.0	0.00	0.00	26.0	0.0	0.0	0.0	0.00	0.00	0.00
78.0	0.80	261.76	78.0	-0.1	-0.4	-0.1	1.54	1.54	0.00
170.0	0.60	250.76	170.0	-0.3	-1.4	-0.3	0.26	-0.22	-11.96
284.0	0.20	23.76	284.0	-0.3	-1.9	-0.3	0.66	-0.35	116.67
409.6	0.80	137.76	409.6	-0.8	-1.3	-0.8	0.72	0.48	90.76
504.0	1.00	124.76	504.0	-1.7	-0.1	-1.7	0.30	0.21	-13.77
507.0	0.99	125.29	507.0	-1.8	-0.1	-1.8	0.53	-0.44	17.38
Rustler Anhydrite									
619.0	0.60	159.76	619.0	-2.9	0.9	-2.9	0.53	-0.35	30.79



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
682.1	2.21	142.13	682.0	-4.1	1.8	-4.1	2.62	2.55	-27.97
Top Salt									
702.0	2.73	140.92	701.9	-4.8	2.3	-4.8	2.62	2.60	-6.05
796.0	4.44	159.90	795.7	-10.0	5.0	-9.9	2.19	1.82	20.19
888.0	6.51	166.76	887.3	-18.4	7.4	-18.3	2.36	2.25	7.46
982.0	6.11	167.20	980.7	-28.4	9.7	-28.4	0.43	-0.43	0.47
1,076.0	5.71	165.26	1,074.2	-37.8	12.0	-37.7	0.48	-0.43	-2.06
1,169.0	4.97	167.64	1,166.8	-46.3	14.0	-46.1	0.83	-0.80	2.56
1,254.0	4.75	185.22	1,251.5	-53.4	14.5	-53.2	1.76	-0.26	20.68
1,349.0	5.23	209.39	1,346.2	-61.0	12.0	-60.9	2.25	0.51	25.44
1,442.0	5.41	220.55	1,438.8	-68.1	7.1	-68.0	1.13	0.19	12.00
1,535.0	4.44	224.42	1,531.4	-74.0	1.7	-74.0	1.10	-1.04	4.16
1,628.0	4.13	225.21	1,624.2	-78.9	-3.2	-78.9	0.34	-0.33	0.85
1,722.0	3.12	220.99	1,718.0	-83.2	-7.3	-83.3	1.11	-1.07	-4.49
1,816.0	2.07	206.40	1,811.9	-86.7	-9.7	-86.8	1.31	-1.12	-15.52
1,909.0	1.71	207.98	1,904.9	-89.4	-11.1	-89.5	0.39	-0.39	1.70
2,004.0	1.27	206.13	1,999.8	-91.6	-12.2	-91.7	0.47	-0.46	-1.95
2,098.0	1.14	151.73	2,093.8	-93.4	-12.2	-93.5	1.18	-0.14	-57.87
2,191.0	2.29	153.84	2,186.8	-95.8	-11.0	-95.9	1.24	1.24	2.27
2,285.0	2.81	163.95	2,280.7	-99.7	-9.5	-99.8	0.73	0.55	10.76
2,379.0	3.03	140.66	2,374.5	-103.9	-7.3	-103.9	1.27	0.23	-24.78
2,396.5	3.19	138.18	2,392.0	-104.6	-6.7	-104.7	1.21	0.93	-14.19
Base Salt									
2,473.0	3.96	129.84	2,468.4	-107.9	-3.2	-107.9	1.21	1.00	-10.90
2,567.0	3.47	142.68	2,562.2	-112.2	1.0	-112.2	1.02	-0.52	13.66
2,661.0	2.73	165.35	2,656.0	-116.6	3.3	-116.6	1.51	-0.79	24.12
2,737.0	2.55	157.31	2,732.0	-120.0	4.4	-119.9	0.54	-0.24	-10.57
Delaware Mountain Gp									
2,755.0	2.51	155.25	2,749.9	-120.7	4.7	-120.6	0.54	-0.20	-11.47
2,849.0	2.11	158.85	2,843.9	-124.2	6.2	-124.1	0.45	-0.43	3.83
2,852.1	2.09	158.64	2,847.0	-124.3	6.2	-124.2	0.61	-0.56	-6.56
Bell Canyon - Lamar									
2,892.2	1.87	155.68	2,887.0	-125.5	6.8	-125.5	0.61	-0.56	-7.41
Ramsey Sand									
2,929.0	1.67	152.26	2,923.8	-126.6	7.3	-126.5	0.61	-0.54	-9.28
3,023.0	3.56	197.87	3,017.7	-130.6	7.0	-130.5	2.84	2.01	48.52
3,117.0	5.23	202.79	3,111.5	-137.3	4.5	-137.2	1.82	1.78	5.23
3,210.0	5.27	203.06	3,204.1	-145.1	1.1	-145.1	0.05	0.04	0.29
3,305.0	4.62	207.28	3,298.7	-152.5	-2.3	-152.6	0.78	-0.68	4.44
3,399.0	4.22	217.38	3,392.4	-158.7	-6.2	-158.7	0.93	-0.43	10.74
3,492.0	4.18	215.54	3,485.2	-164.1	-10.2	-164.2	0.15	-0.04	-1.98
3,586.0	3.56	215.01	3,579.0	-169.3	-13.9	-169.4	0.66	-0.66	-0.56
3,680.0	1.93	220.90	3,672.9	-172.9	-16.6	-173.0	1.76	-1.73	6.27
3,774.0	2.20	219.58	3,766.8	-175.5	-18.8	-175.6	0.29	0.29	-1.40



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,868.0	2.29	219.49	3,860.7	-178.3	-21.1	-178.5	0.10	0.10	-0.10
3,869.3	2.27	219.53	3,862.0	-178.4	-21.1	-178.5	1.58	-1.57	3.42
Cherry Canyon									
3,961.0	0.84	228.11	3,953.7	-180.2	-22.8	-180.4	1.58	-1.56	9.35
4,055.0	0.18	257.55	4,047.7	-180.7	-23.5	-180.9	0.73	-0.70	31.32
4,149.0	0.13	224.68	4,141.7	-180.8	-23.7	-181.0	0.11	-0.05	-34.97
4,243.0	0.22	227.14	4,235.7	-181.0	-23.9	-181.2	0.10	0.10	2.62
4,337.0	0.26	242.96	4,329.7	-181.2	-24.2	-181.4	0.08	0.04	16.83
4,431.0	0.75	232.33	4,423.7	-181.7	-24.9	-181.9	0.53	0.52	-11.31
4,525.0	0.70	222.39	4,517.7	-182.5	-25.8	-182.7	0.14	-0.05	-10.57
4,618.0	0.70	210.00	4,610.7	-183.4	-26.4	-183.6	0.16	0.00	-13.32
4,713.0	0.75	199.89	4,705.7	-184.5	-26.9	-184.7	0.14	0.05	-10.64
4,806.0	1.10	219.05	4,798.6	-185.8	-27.7	-186.0	0.50	0.38	20.60
4,844.4	1.24	214.45	4,837.0	-186.4	-28.2	-186.6	0.44	0.37	-12.00
Brushy Canyon									
4,899.0	1.45	209.47	4,891.6	-187.5	-28.8	-187.7	0.44	0.38	-9.11
4,992.0	1.54	209.21	4,984.6	-189.6	-30.0	-189.9	0.10	0.10	-0.28
5,085.0	1.63	194.00	5,077.5	-192.0	-31.0	-192.2	0.46	0.10	-16.35
5,179.0	2.11	199.72	5,171.5	-194.9	-31.9	-195.2	0.55	0.51	6.09
5,273.0	1.10	214.22	5,265.5	-197.3	-33.0	-197.6	1.15	-1.07	15.43
5,367.0	0.84	232.68	5,359.4	-198.4	-34.0	-198.7	0.43	-0.28	19.64
5,460.0	0.92	229.69	5,452.4	-199.3	-35.1	-199.6	0.10	0.09	-3.22
5,553.0	1.10	222.04	5,545.4	-200.5	-36.3	-200.8	0.24	0.19	-8.23
5,647.0	0.79	218.70	5,639.4	-201.7	-37.3	-202.0	0.33	-0.33	-3.55
5,740.0	0.75	238.65	5,732.4	-202.5	-38.2	-202.8	0.29	-0.04	21.45
5,835.0	0.62	210.44	5,827.4	-203.2	-39.0	-203.6	0.38	-0.14	-29.69
5,928.0	1.01	208.33	5,920.4	-204.4	-39.7	-204.7	0.42	0.42	-2.27
6,022.0	1.10	202.27	6,014.4	-206.0	-40.4	-206.3	0.15	0.10	-6.45
6,115.0	1.41	202.18	6,107.3	-207.8	-41.2	-208.2	0.33	0.33	-0.10
6,209.0	1.49	193.30	6,201.3	-210.1	-41.9	-210.5	0.25	0.09	-9.45
6,302.0	1.80	200.68	6,294.3	-212.7	-42.7	-213.0	0.40	0.33	7.94
6,396.0	0.79	165.70	6,388.3	-214.7	-43.0	-215.0	1.32	-1.07	-37.21
6,434.7	0.69	181.04	6,427.0	-215.2	-43.0	-215.5	0.57	-0.26	39.60
Bone Spring Lime									
6,490.0	0.66	207.89	6,482.2	-215.8	-43.1	-216.1	0.57	-0.06	48.59
6,584.0	0.88	256.93	6,576.2	-216.4	-44.1	-216.8	0.71	0.23	52.17
6,678.0	1.32	266.51	6,670.2	-216.6	-45.9	-217.0	0.51	0.47	10.19
6,771.0	0.62	274.78	6,763.2	-216.7	-47.4	-217.1	0.77	-0.75	8.89
6,865.0	0.75	287.26	6,857.2	-216.4	-48.5	-216.9	0.21	0.14	13.28
6,959.0	1.14	277.24	6,951.2	-216.1	-50.0	-216.6	0.45	0.41	-10.66
7,052.0	0.79	337.97	7,044.2	-215.4	-51.2	-215.9	1.10	-0.38	65.30
7,146.0	1.93	331.11	7,138.1	-213.4	-52.2	-213.9	1.22	1.21	-7.30
7,239.0	1.71	359.50	7,231.1	-210.7	-53.0	-211.2	0.99	-0.24	30.53
7,333.0	1.85	25.61	7,325.1	-207.9	-52.3	-208.4	0.87	0.15	27.78



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,360.0	1.63	22.89	7,352.0	-207.2	-52.0	-207.6	0.88	-0.83	-10.08
1st Bone Spring Sand									
7,427.0	1.10	11.46	7,419.0	-205.7	-51.5	-206.1	0.88	-0.79	-17.05
7,520.0	0.70	330.85	7,512.0	-204.3	-51.6	-204.7	0.78	-0.43	-43.67
7,614.0	1.01	299.30	7,606.0	-203.4	-52.6	-203.8	0.59	0.33	-33.56
7,708.0	0.92	314.06	7,700.0	-202.4	-53.9	-202.9	0.28	-0.10	15.70
7,801.0	1.27	318.37	7,793.0	-201.2	-55.1	-201.6	0.39	0.38	4.63
7,894.0	0.66	127.21	7,886.0	-200.7	-55.3	-201.2	2.07	-0.66	181.55
7,940.0	0.59	122.70	7,932.0	-201.0	-54.9	-201.5	0.18	-0.14	-9.80
2nd Bone Spring Sand									
7,988.0	0.53	116.84	7,980.0	-201.2	-54.5	-201.7	0.18	-0.13	-12.21
8,082.0	0.79	31.58	8,074.0	-200.9	-53.8	-201.4	0.97	0.28	-90.70
8,175.0	1.01	42.57	8,167.0	-199.7	-52.9	-200.2	0.30	0.24	11.82
8,269.0	0.40	94.25	8,260.9	-199.1	-52.0	-199.6	0.88	-0.65	54.98
8,362.0	0.13	78.17	8,353.9	-199.1	-51.6	-199.6	0.30	-0.29	-17.29
8,455.0	0.22	13.13	8,446.9	-199.0	-51.4	-199.4	0.22	0.10	-69.94
8,548.0	0.40	13.39	8,539.9	-198.5	-51.3	-198.9	0.19	0.19	0.28
8,641.0	1.01	171.33	8,632.9	-199.0	-51.1	-199.4	1.49	0.66	169.83
8,735.0	1.54	193.30	8,726.9	-201.0	-51.3	-201.5	0.76	0.56	23.37
8,829.0	1.71	192.86	8,820.9	-203.6	-51.9	-204.1	0.18	0.18	-0.47
8,922.0	1.63	200.07	8,913.8	-206.2	-52.7	-206.7	0.24	-0.09	7.75
8,959.0	1.98	207.72	8,950.8	-207.3	-53.1	-207.7	1.15	0.95	20.68
9,070.0	1.85	220.11	9,061.8	-210.3	-55.2	-210.8	0.39	-0.12	11.16
9,164.0	4.66	2.49	9,155.7	-207.7	-56.0	-208.2	6.63	2.99	151.47
9,182.4	7.78	4.77	9,174.0	-205.7	-55.9	-206.2	16.99	16.94	12.34
3rd Bone Spring Sand									
9,257.0	20.44	6.89	9,246.2	-187.6	-53.9	-188.1	16.99	16.98	2.85
9,347.0	28.77	6.97	9,327.9	-150.5	-49.4	-150.9	9.26	9.26	0.09
FTP @ 9347'MD, 100'FSL & 953'FEL									
9,350.0	29.05	6.97	9,330.5	-149.0	-49.2	-149.5	9.26	9.26	0.06
9,444.0	40.00	2.93	9,407.9	-96.0	-44.9	-96.4	11.90	11.65	-4.30
9,476.0	42.34	1.88	9,432.0	-75.0	-44.0	-75.4	7.61	7.30	-3.28
3rd BS W Sand									
9,537.0	46.81	0.12	9,475.4	-32.2	-43.3	-32.6	7.61	7.34	-2.89
9,609.1	52.61	359.70	9,522.0	22.7	-43.3	22.3	8.05	8.04	-0.58
Wolfcamp A									
9,630.0	54.29	359.59	9,534.5	39.6	-43.5	39.2	8.05	8.04	-0.52
9,723.0	61.05	358.98	9,584.2	118.1	-44.4	117.7	7.29	7.27	-0.66
9,817.0	67.69	0.21	9,624.8	202.8	-45.0	202.4	7.16	7.06	1.31
9,836.6	69.28	0.42	9,632.0	221.0	-44.9	220.6	8.19	8.13	1.07
Wolfcamp A Y Sand									
9,910.0	75.25	1.17	9,654.3	290.9	-43.9	290.5	8.19	8.13	1.02
10,004.0	80.53	4.60	9,674.1	382.6	-39.3	382.3	6.65	5.62	3.65
10,097.0	88.48	5.66	9,683.0	474.8	-31.0	474.5	8.62	8.55	1.14



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,190.0	91.91	5.30	9,682.6	567.3	-22.1	567.1	3.71	3.69	-0.39
10,282.0	91.82	4.69	9,679.7	658.9	-14.1	658.8	0.67	-0.10	-0.66
10,375.0	90.64	3.90	9,677.7	751.6	-7.2	751.5	1.53	-1.27	-0.85
10,468.0	90.68	3.81	9,676.6	844.4	-0.9	844.4	0.11	0.04	-0.10
10,561.0	89.93	3.46	9,676.1	937.2	5.0	937.2	0.89	-0.81	-0.38
10,655.0	89.19	3.81	9,676.8	1,031.0	10.9	1,031.1	0.87	-0.79	0.37
10,748.0	86.90	1.35	9,680.0	1,123.9	15.1	1,124.0	3.61	-2.46	-2.65
10,841.0	86.99	1.17	9,684.9	1,216.7	17.2	1,216.8	0.22	0.10	-0.19
10,935.0	88.53	359.85	9,688.6	1,310.6	18.0	1,310.7	2.16	1.64	-1.40
11,028.0	89.58	0.82	9,690.1	1,403.6	18.5	1,403.7	1.54	1.13	1.04
11,121.0	89.36	0.47	9,691.0	1,496.6	19.6	1,496.7	0.44	-0.24	-0.38
11,213.0	88.26	358.71	9,692.9	1,588.6	18.9	1,588.7	2.26	-1.20	-1.91
11,306.0	89.36	358.36	9,694.9	1,681.5	16.6	1,681.6	1.24	1.18	-0.38
11,400.0	89.76	358.36	9,695.6	1,775.5	13.9	1,775.5	0.43	0.43	0.00
11,493.0	89.27	358.36	9,696.4	1,868.5	11.2	1,868.5	0.53	-0.53	0.00
11,586.0	86.99	357.04	9,699.4	1,961.3	7.5	1,961.3	2.83	-2.45	-1.42
11,680.0	88.62	357.22	9,703.0	2,055.1	2.8	2,055.1	1.74	1.73	0.19
11,773.0	92.44	358.36	9,702.1	2,148.0	-0.8	2,147.9	4.29	4.11	1.23
11,867.0	90.77	356.87	9,699.5	2,241.9	-4.7	2,241.8	2.38	-1.78	-1.59
11,960.0	90.95	357.13	9,698.1	2,334.8	-9.6	2,334.6	0.34	0.19	0.28
12,053.0	91.34	356.95	9,696.2	2,427.6	-14.4	2,427.4	0.46	0.42	-0.19
12,146.0	91.65	356.60	9,693.8	2,520.5	-19.6	2,520.2	0.50	0.33	-0.38
12,239.0	91.16	357.57	9,691.5	2,613.3	-24.3	2,613.0	1.17	-0.53	1.04
12,331.0	89.89	358.80	9,690.7	2,705.2	-27.3	2,704.9	1.92	-1.38	1.34
12,424.0	87.25	358.27	9,693.0	2,798.2	-29.6	2,797.8	2.90	-2.84	-0.57
12,517.0	86.73	358.01	9,697.9	2,891.0	-32.7	2,890.6	0.62	-0.56	-0.28
12,611.0	87.60	358.80	9,702.6	2,984.8	-35.3	2,984.4	1.25	0.93	0.84
12,703.0	87.21	358.54	9,706.7	3,076.7	-37.4	3,076.3	0.51	-0.42	-0.28
12,797.0	88.84	358.45	9,710.0	3,170.6	-39.9	3,170.1	1.74	1.73	-0.10
12,890.0	92.26	0.82	9,709.1	3,263.6	-40.5	3,263.1	4.47	3.68	2.55
12,983.0	92.44	3.37	9,705.2	3,356.5	-37.1	3,356.0	2.75	0.19	2.74
13,076.0	92.75	3.28	9,701.0	3,449.2	-31.7	3,448.8	0.35	0.33	-0.10
13,170.0	88.44	1.96	9,700.1	3,543.1	-27.4	3,542.7	4.80	-4.59	-1.40
13,264.0	89.49	2.14	9,701.8	3,637.0	-24.0	3,636.6	1.13	1.12	0.19
13,358.0	89.36	1.88	9,702.7	3,730.9	-20.7	3,730.6	0.31	-0.14	-0.28
13,451.0	88.35	0.29	9,704.6	3,823.9	-19.0	3,823.6	2.03	-1.09	-1.71
13,545.0	88.84	1.08	9,706.9	3,917.9	-17.8	3,917.5	0.99	0.52	0.84
13,639.0	88.66	2.14	9,708.9	4,011.8	-15.2	4,011.5	1.14	-0.19	1.13
13,733.0	86.77	2.05	9,712.7	4,105.7	-11.8	4,105.4	2.01	-2.01	-0.10
13,826.0	88.22	2.05	9,716.7	4,198.5	-8.4	4,198.3	1.56	1.56	0.00
13,919.0	87.96	2.49	9,719.8	4,291.4	-4.8	4,291.2	0.55	-0.28	0.47
14,012.0	88.48	3.11	9,722.7	4,384.2	-0.2	4,384.1	0.87	0.56	0.67
14,106.0	91.08	5.22	9,723.1	4,478.0	6.6	4,477.8	3.56	2.77	2.24
14,200.0	90.51	5.48	9,721.8	4,571.6	15.4	4,571.5	0.67	-0.61	0.28



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
14,293.0	87.60	1.61	9,723.3	4,664.3	21.1	4,664.3	5.21	-3.13	-4.16
14,386.0	86.64	1.08	9,728.0	4,757.2	23.3	4,757.2	1.18	-1.03	-0.57
14,480.0	87.60	2.40	9,732.7	4,851.0	26.2	4,851.1	1.73	1.02	1.40
14,574.0	91.08	3.02	9,733.8	4,944.9	30.6	4,945.0	3.76	3.70	0.66
14,667.0	89.89	1.17	9,733.0	5,037.8	34.0	5,037.9	2.37	-1.28	-1.99
14,761.0	92.00	1.70	9,731.5	5,131.8	36.4	5,131.9	2.31	2.24	0.56
14,855.0	92.44	1.70	9,727.8	5,225.7	39.1	5,225.8	0.47	0.47	0.00
14,948.0	91.87	1.08	9,724.3	5,318.6	41.4	5,318.7	0.91	-0.61	-0.67
15,042.0	87.03	358.89	9,725.2	5,412.5	41.4	5,412.7	5.65	-5.15	-2.33
15,135.0	87.38	358.98	9,729.7	5,505.4	39.6	5,505.5	0.39	0.38	0.10
15,229.0	86.77	358.18	9,734.5	5,599.3	37.3	5,599.4	1.07	-0.65	-0.85
15,323.0	88.53	358.18	9,738.4	5,693.1	34.3	5,693.2	1.87	1.87	0.00
15,416.0	88.75	357.66	9,740.6	5,786.0	31.0	5,786.1	0.61	0.24	-0.56
15,509.0	89.32	354.05	9,742.2	5,878.8	24.2	5,878.7	3.93	0.61	-3.88
15,603.0	89.14	351.59	9,743.4	5,972.0	12.5	5,971.9	2.62	-0.19	-2.62
15,696.0	90.07	353.26	9,744.1	6,064.2	0.2	6,063.9	2.06	1.00	1.80
15,790.0	89.76	355.81	9,744.2	6,157.8	-8.7	6,157.4	2.73	-0.33	2.71
15,884.0	92.53	2.05	9,742.3	6,251.7	-10.5	6,251.3	7.26	2.95	6.64
15,978.0	91.43	3.63	9,739.1	6,345.5	-5.8	6,345.2	2.05	-1.17	1.68
16,071.0	89.27	3.90	9,738.5	6,438.3	0.3	6,438.0	2.34	-2.32	0.29
16,164.0	88.53	3.02	9,740.3	6,531.1	5.9	6,530.9	1.24	-0.80	-0.95
16,258.0	89.23	3.81	9,742.1	6,624.9	11.5	6,624.7	1.12	0.74	0.84
16,351.0	88.44	3.19	9,744.0	6,717.7	17.2	6,717.6	1.08	-0.85	-0.67
16,444.0	89.23	3.55	9,745.9	6,810.5	22.6	6,810.5	0.93	0.85	0.39
16,538.0	85.05	1.96	9,750.6	6,904.3	27.2	6,904.2	4.76	-4.45	-1.69
16,553.8	84.92	1.92	9,752.0	6,920.0	27.7	6,920.0	0.84	-0.80	-0.28
Wolfcamp A Fat									
16,631.0	84.31	1.70	9,759.2	6,996.8	30.1	6,996.8	0.84	-0.80	-0.28
16,672.0	83.63	1.70	9,763.5	7,037.6	31.3	7,037.6	1.66	-1.66	0.00
LTP @ 16672'MD, 330'FNL & 937'FEL									
16,724.0	82.77	1.70	9,769.7	7,089.2	32.9	7,089.2	1.66	-1.66	0.00
LAST SVY									
16,800.0	82.77	1.70	9,779.3	7,164.6	35.1	7,164.6	0.00	0.00	0.00
Projection to TD @ 16800'MD, 203.5'FNL & 934.6'FEL									



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Money Graham Fed Com #204H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2892.0usft (H&P 245)
Site:	(Money Graham) Sec-32_T-26-S_R-29-E	MD Reference:	KB @ 2892.0usft (H&P 245)
Well:	Money Graham Fed Com #204H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Design Targets

Target Name

- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
FTP (Money Graham	0.00	0.01	9,693.0	-150.0	-42.0	364,039.00	644,279.00	32° 0' 1.399 N	104° 0' 4.502 W
- actual wellpath misses target center by 241.4usft at 9587.9usft MD (9508.9 TVD, 6.1 N, -43.3 E)									
- Point									
LTP (Money Graham	0.00	0.01	9,765.1	7,037.0	23.0	371,226.00	644,344.00	32° 1' 12.521 N	104° 0' 3.491 W
- actual wellpath misses target center by 8.4usft at 16671.3usft MD (9763.5 TVD, 7036.9 N, 31.3 E)									
- Point									
PBHL (Money Graham	0.60	0.52	9,765.1	7,167.0	24.0	371,356.00	644,345.00	32° 1' 13.808 N	104° 0' 3.474 W
- actual wellpath misses target center by 18.2usft at 16800.0usft MD (9779.3 TVD, 7164.6 N, 35.1 E)									
- Rectangle (sides W100.0 H1,217.8 D30.0)									

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
507.0	507.0	Rustler Anhydrite			
682.1	682.0	Top Salt			
2,396.5	2,392.0	Base Salt			
2,737.0	2,732.0	Delaware Mountain Gp			
2,852.1	2,847.0	Bell Canyon			
2,852.1	2,847.0	Lamar			
2,892.2	2,887.0	Ramsey Sand			
3,869.3	3,862.0	Cherry Canyon			
4,844.4	4,837.0	Brushy Canyon			
6,434.7	6,427.0	Bone Spring Lime			
7,360.0	7,352.0	1st Bone Spring Sand			
7,940.0	7,932.0	2nd Bone Spring Sand			
9,182.4	9,174.0	3rd Bone Spring Sand			
9,476.0	9,432.0	3rd BS W Sand			
9,609.1	9,522.0	Wolfcamp A			
9,836.6	9,632.0	Wolfcamp A Y Sand			
16,553.8	9,752.0	Wolfcamp A Fat			

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		
		+N/-S (usft)	+E/-W (usft)	Comment
9,347.0	9,327.9	-150.5	-49.4	FTP @ 9347'MD, 100'FSL & 953'FEL
16,672.0	9,763.5	7,037.6	31.3	LTP @ 16672'MD, 330'FNL & 937'FEL
16,724.0	9,769.7	7,089.2	32.9	LAST SVY
16,800.0	9,779.3	7,164.6	35.1	Projection to TD @ 16800'MD, 203.5'FNL & 934.6'FEL

Checked By: _____ Approved By: _____ Date: _____

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
1. WELL API NO. 30-015-46218										
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN										
3. State Oil & Gas Lease No.										
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name MONEY GRAHAM FED COM		
								6. Well Number: 204H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator TAP ROCK OPERATING, LLC								9. OGRID 372043		
10. Address of Operator 523 PARK POINT DRIVE, SUITE 200, GOLDEN, CO								11. Pool name or Wildcat [98220] PURPLE SAGE; WOLFCAMP		
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	H	32	26-S	29-E	-	250'	SOUTH	904'	EAST	EDDY
BH:	A	29	26-S	29-E	-	204'	NORTH	934'	EAST	EDDY
13. Date Spudded 9/26/19	14. Date T.D. Reached 12/3/19		15. Date Rig Released 12/5/19		16. Date Completed (Ready to Produce) 2/22/20			17. Elevations (DF and RKB, RT, GR, etc.) 2866 GR		
18. Total Measured Depth of Well 16800'			19. Plug Back Measured Depth 16699'		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run GAMMA		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9568 ft to 16593 ft, WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375"		54.5		615'		17.5"		860 SKS		0
9.625"		40		2910'		12.25"		1041 SKS		0
7.625"		29.7		9003'		8.75"		694 SKS		0
5.5"/5"		20		8672'/16785'		6.75"		981 SKS		0
24. LINER RECORD					25. TUBING RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number)					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
Perforate from 9568 ft to 16593 ft., 3 SPF, .42 inch holes with 1365 total shots					9568 ft to 16593 ft		35 stage frac w/ 18,032,495 lbs mesh sand			
28. PRODUCTION										
Date First Production 2/24/2020		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING				
Date of Test 3/7/2020	Hours Tested 24	Choke Size 46/64	Prod'n For Test Period	Oil - Bbl 578	Gas - MCF 2159	Water - Bbl. 5440	Gas - Oil Ratio 268			
Flow Tubing Press. 0	Casing Pressure 1125	Calculated 24-Hour Rate	Oil - Bbl. 578	Gas - MCF 2159	Water - Bbl. 5440	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments DIRECTIONAL SURVEY, C-102 AS DRILLED										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.							33. Rig Release Date:			
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude			Longitude			NAD83				
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature			Printed Name Jeff Trlica			Title Regulatory Analyst		Date 2/24/2022		
E-mail Address jtrlica@tapr										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

[illegible]

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	360		QUATERNARY				
360	744		RUSTLER				
744	2467		TOP OF SALT				
2467	2706		BASE OF SALT				
2706	2737		DELAWARE				
2737	3630		BELL CANYON				
3630	5239		CHERRY CANYON				
5239	6456		BRUSHY CANYON				
6456	6930		BONE SPRING LIME				
6930	7356		AVALON				
7356	7907		1ST BONE SPRING SAND				
7907	9210		2ND BONE SPRING SAND				
9210	9558		3RD BONE SPRING SAND				
9558	9690		WOLFCAMP A				
9690			WOLFCAMP LOWER				

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 84079

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 84079
	Action Type: [C-104] Completion Packet (C-104C)

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.

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

CONDITIONS

Action 84079

CONDITIONS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 84079
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/11/2023