

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



7/10/2020

**Operator Notice Regarding
C-104 Denial and Request for Information**
30-015-46451

OCD is providing notice to operators that it will deny your C-104 – *Request for Allowable and Authorization to Transport* if it fails to provide complete and accurate information, including:

Test Allowable, New Well and Recompleted Well

*Mark Box, 'AMENDED REPORT' on C-104
Re-submit with approved 3160-4 Well
Completion Report .
Refer to rule: 19.15.7.11 & 19.15.7.36*

- ☐ C-103 (or BLM equivalent) for all casing strings
 - ☐ Spud Notice
 - ☐ Surface Casing
 - ☐ Intermediate Casing (if applicable)
 - ☐ Additional Intermediate Casing (if applicable)
 - ☐ Production Casing or Liner
- ☐ Applicable Order (NSL, NSP, Other _____)
- ☐ Deviation Survey for Vertical Wells
- ☐ Directional Survey
- ☐ C-102 (As-Drilled Plat for Horizontal Well)

New Well and Recompleted Well Only

- ☐ C-103 Completion Sundry (or BLM equivalent)
- ☒ C-105 Completion Report (or BLM equivalent) *Missing Approved 3160-4*
- ☐ All Logs Run on Well

The sale or transport of product without an approved C-104 violates the Oil and Gas Act and the implementing rules, including 19.15.7.15 and 19.15.16.19 NMAC. If OCD determines that your C-104 is incomplete or inaccurate, it will give you notice to resubmit your C-104 within 30 days. Failure to comply with this notice may result in enforcement action.

If you have any questions, please contact the local OCD District Office.

Once Complete, re-submit through e docs asap.

Thank you

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 15-46451	⁵ Pool Name PURPLE SAGE, WOLFCAMP		⁶ Pool Code 98220
⁷ Property Code 326330	⁸ Property Name WTG FED.COM		⁹ Well Number 211H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	27	26S	29E		497	NORTH	395	WEST	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
E	34	26S	29E	9	43	SOUTH	295	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date		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 12/8/19	²² Ready Date 4/26/2020	²³ TD 17435'	²⁴ PBTD 17368'	²⁵ Perforations 10252' - 17269'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17 1/2"		13 3/8"		420'	1170
12 1/4"		9 5/8"		2961'	930
8 3/4"		7 5/8"		9532'	707
6 3/4		5 1/2", 5"		9270', 17414'	830

V. Well Test Data

³¹ Date New Oil 4/27/2020	³² Gas Delivery Date	³³ Test Date 5/2/2020	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 2600
³⁷ Choke Size 36	³⁸ Oil 160	³⁹ Water 1135	⁴⁰ Gas 910		⁴¹ Test Method Flowing
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:		
Title: Regulatory Analyst			Title:		
E-mail Address: bramsey@taprk.com			Approval Date:		
Date: 6/11/2020		Phone: 720-360-4028	Please refer to page 1 attached. Re-submit contents when request is complete.		

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

EMNRD-OCD ARTESIA
REC'D: 05/11/2020
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 30-015-46451		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP	
⁴ Property Code 326330		⁵ Property Name WTG FED COM			⁶ Well Number 211H
⁷ OGRID No. #372043		⁸ Operator Name TAP ROCK OPERATING, LLC.			⁹ Elevation 2884'

¹⁰Surface Location

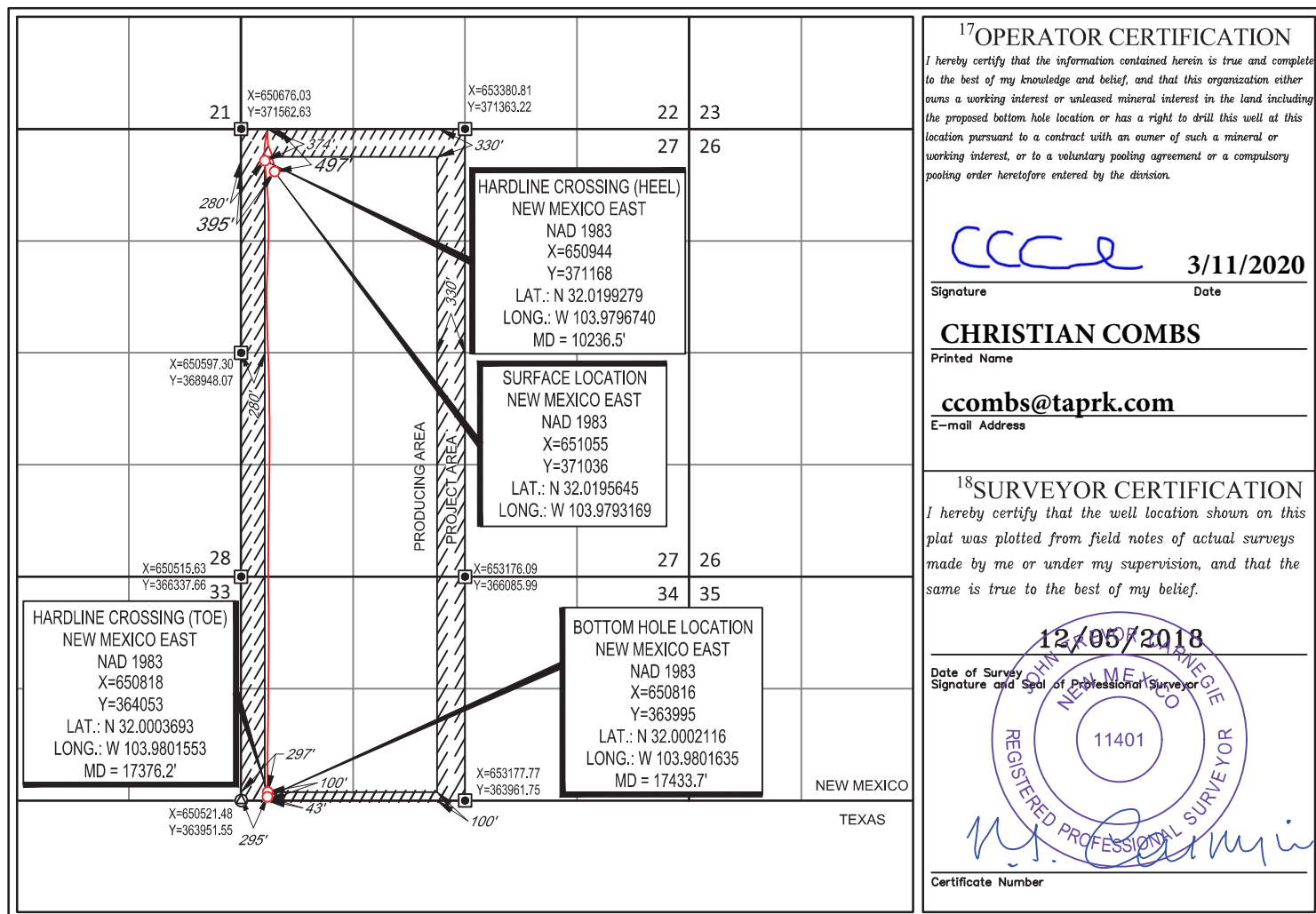
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	27	26-S	29-E	-	497'	NORTH	395'	WEST	EDDY

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
9	34	26-S	29-E	-	43'	SOUTH	295'	WEST	EDDY

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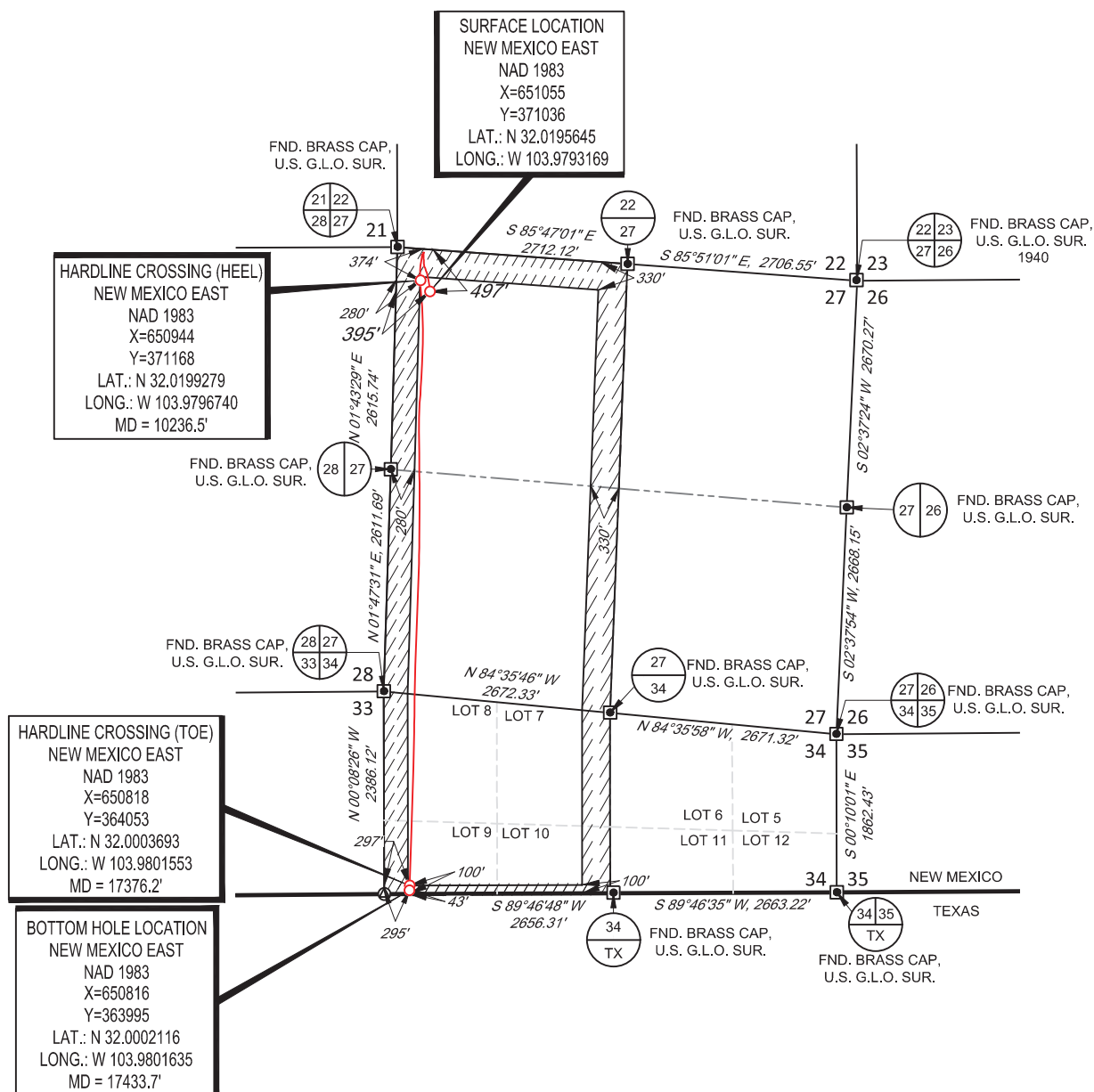
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



SCALE: 1" = 2000'

0' 1000' 2000'

SECTION 27, TOWNSHIP 26-S, RANGE 29-E, N.M.P.M.
EDDY COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: _____ WTG FED COM 211H

SECTION 27 TWP 26-S RGE 29-E SURVEY N.M.P.M.

COUNTY EDDY STATE NM ELEVATION 2884'

DESCRIPTION 497' FNL & 395' FWL

INTERNAL
PRE-COMPLETION
PLAT



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

WTG FED COM 211H PRE-COMPLETION	REVISION:	
	INT	DATE
DATE: 02/20/2020		
FILE: C_WTG_FED COM_211H		
DRAWN BY: IMU		
SHEET: 1 OF 1		

NOTES:

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.



Tap Rock Resources, LLC

**Eddy County, NM (NAD 83 NME)
(WTG Fed) Sec-27_T26-S_R-29-E
WTG Fed Com #211H**

OWB

Design: AWB

Standard Survey Report

08 January, 2020





Operator: TapRock Resources LLC
Well Name: WTG Fed Com #211H
County: Eddy
State: New Mexico
Rig Name: H&P 388
API Number: 30-015-46451

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: 180' MD – 17,362' MD
Projection to Bit: 17,435' MD
Dates Performed: 12/08/2019 – 1/08/2020
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



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well WTG Fed Com #211H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2910.5usft
Site:	(WTG Fed) Sec-27_T26-S_R-29-E	MD Reference:	KB @ 2910.5usft
Well:	WTG Fed Com #211H	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	(WTG Fed) Sec-27_T26-S_R-29-E		
Site Position:		Northing:	371,035.00 usft
From:	Map	Easting:	651,080.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 1' 10.419 N
		Longitude:	103° 58' 45.255 W
		Grid Convergence:	0.19 °

Well	WTG Fed Com #211H		
Well Position	+N/-S	0.0 usft	Northing: 371,036.00 usft
	+E/-W	0.0 usft	Easting: 651,055.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 1' 10.430 N
		Longitude:	103° 58' 45.545 W
		Ground Level:	2,884.0 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/13/19	6.86	59.78	47,522.48316673

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	181.14	

Survey Program	Date	01/08/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.0	17,435.0	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	
180.0	1.49	177.09	180.0	-2.3	0.1	2.3	0.83	0.83	0.00	
332.0	2.55	154.77	331.9	-7.4	1.7	7.3	0.86	0.70	-14.68	
345.1	2.74	153.46	345.0	-7.9	1.9	7.9	1.52	1.45	-10.01	
Rustler Anhydrite										
365.0	3.03	151.78	364.8	-8.8	2.4	8.8	1.52	1.46	-8.43	
530.0	4.31	157.75	529.5	-18.4	6.8	18.2	0.81	0.78	3.62	
625.0	2.90	171.20	624.3	-24.1	8.5	23.9	1.72	-1.48	14.16	
719.0	0.31	265.42	718.3	-26.4	8.6	26.3	3.13	-2.76	100.23	
814.0	1.23	331.60	813.3	-25.6	7.9	25.4	1.20	0.97	69.66	
909.0	0.62	309.01	908.3	-24.3	7.0	24.2	0.74	-0.64	-23.78	

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well WTG Fed Com #211H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2910.5usft
Site:	(WTG Fed) Sec-27_T26-S_R-29-E	MD Reference:	KB @ 2910.5usft
Well:	WTG Fed Com #211H	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)
1,004.0	0.62	305.15	1,003.2	-23.7	6.2	23.6	0.04	0.00	-4.06
1,074.0	0.57	280.89	1,073.2	-23.4	5.5	23.3	0.36	-0.07	-34.66
1,169.0	0.62	265.86	1,168.2	-23.4	4.6	23.3	0.17	0.05	-15.82
1,263.0	0.97	337.58	1,262.2	-22.7	3.7	22.6	1.04	0.37	76.30
1,285.8	1.11	337.20	1,285.0	-22.3	3.6	22.2	0.59	0.59	-1.65
Top Salt									
1,359.0	1.54	336.44	1,358.2	-20.7	2.9	20.7	0.59	0.59	-1.04
1,453.0	1.19	328.53	1,452.2	-18.8	1.9	18.7	0.42	-0.37	-8.41
1,548.0	1.63	352.87	1,547.2	-16.6	1.2	16.5	0.77	0.46	25.62
1,643.0	2.51	5.00	1,642.1	-13.2	1.2	13.1	1.03	0.93	12.77
1,738.0	2.86	353.49	1,737.0	-8.7	1.1	8.7	0.67	0.37	-12.12
1,833.0	3.56	339.25	1,831.8	-3.6	-0.2	3.6	1.11	0.74	-14.99
1,927.0	2.81	340.39	1,925.7	1.3	-2.0	-1.2	0.80	-0.80	1.21
2,022.0	3.69	332.22	2,020.5	6.2	-4.2	-6.1	1.04	0.93	-8.60
2,117.0	4.75	330.11	2,115.3	12.3	-7.6	-12.1	1.13	1.12	-2.22
2,212.0	3.38	344.79	2,210.0	18.4	-10.3	-18.2	1.80	-1.44	15.45
2,306.0	2.99	12.82	2,303.9	23.5	-10.4	-23.3	1.69	-0.41	29.82
2,401.0	3.16	359.81	2,398.8	28.5	-9.9	-28.3	0.75	0.18	-13.69
2,496.0	2.64	34.62	2,493.7	32.9	-8.7	-32.7	1.90	-0.55	36.64
2,590.0	3.52	29.43	2,587.5	37.2	-6.0	-37.1	0.98	0.94	-5.52
2,637.6	3.57	24.14	2,635.0	39.8	-4.7	-39.7	0.70	0.11	-11.11
Base Salt									
2,685.0	3.65	19.06	2,682.3	42.6	-3.6	-42.5	0.70	0.17	-10.72
2,780.0	3.65	3.95	2,777.1	48.5	-2.4	-48.4	1.01	0.00	-15.91
2,874.0	3.87	359.02	2,870.9	54.6	-2.3	-54.6	0.42	0.23	-5.24
2,878.1	3.94	358.77	2,875.0	54.9	-2.3	-54.9	1.87	1.82	-6.03
Delaware Mountain Gp									
2,908.2	4.49	357.21	2,905.0	57.1	-2.3	-57.1	1.87	1.83	-5.19
Lamar - Bell Canyon									
2,915.0	4.62	356.91	2,911.8	57.7	-2.4	-57.6	1.87	1.83	-4.43
2,948.3	4.80	356.59	2,945.0	60.4	-2.5	-60.3	0.55	0.55	-0.97
Ramsey Sand									
3,034.0	5.27	355.86	3,030.4	67.9	-3.0	-67.8	0.55	0.55	-0.85
3,128.0	5.49	354.98	3,124.0	76.7	-3.7	-76.6	0.25	0.23	-0.94
3,223.0	6.99	353.31	3,218.4	87.0	-4.8	-86.9	1.59	1.58	-1.76
3,318.0	8.66	348.83	3,312.5	99.7	-6.9	-99.6	1.87	1.76	-4.72
3,412.0	8.79	349.27	3,405.4	113.7	-9.6	-113.5	0.16	0.14	0.47
3,507.0	8.48	348.65	3,499.4	127.7	-12.3	-127.5	0.34	-0.33	-0.65
3,602.0	8.44	349.00	3,593.3	141.4	-15.0	-141.1	0.07	-0.04	0.37
3,679.5	8.26	349.07	3,670.0	152.5	-17.1	-152.1	0.23	-0.23	0.09
Cherry Canyon									
3,697.0	8.22	349.09	3,687.3	154.9	-17.6	-154.6	0.23	-0.23	0.10
3,792.0	7.47	346.19	3,781.4	167.6	-20.4	-167.2	0.89	-0.79	-3.05
3,887.0	7.47	346.81	3,875.6	179.6	-23.3	-179.1	0.08	0.00	0.65

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Well:	WTG Fed Com #211H	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)
3,982.0	7.34	345.40	3,969.8	191.5	-26.2	-191.0	0.24	-0.14	-1.48
4,076.0	7.60	346.02	4,063.0	203.4	-29.2	-202.7	0.29	0.28	0.66
4,171.0	7.91	345.22	4,157.2	215.8	-32.4	-215.1	0.35	0.33	-0.84
4,266.0	7.60	343.82	4,251.3	228.1	-35.8	-227.4	0.38	-0.33	-1.47
4,361.0	7.65	343.20	4,345.5	240.2	-39.4	-239.4	0.10	0.05	-0.65
4,455.0	7.87	342.06	4,438.6	252.3	-43.2	-251.4	0.29	0.23	-1.21
4,549.0	6.90	339.78	4,531.8	263.7	-47.1	-262.8	1.08	-1.03	-2.43
4,643.0	6.15	336.79	4,625.2	273.7	-51.1	-272.6	0.88	-0.80	-3.18
4,738.0	6.15	332.92	4,719.7	282.9	-55.4	-281.7	0.44	0.00	-4.07
4,833.0	6.46	333.89	4,814.1	292.2	-60.0	-291.0	0.35	0.33	1.02
4,928.0	7.21	347.07	4,908.4	302.8	-63.7	-301.5	1.82	0.79	13.87
5,022.0	7.65	351.38	5,001.6	314.8	-66.0	-313.4	0.76	0.47	4.59
5,030.5	7.59	351.16	5,010.0	315.9	-66.2	-314.5	0.79	-0.70	-2.65
Brushy Canyon									
5,117.0	6.99	348.65	5,095.8	326.7	-68.1	-325.3	0.79	-0.69	-2.90
5,212.0	7.30	358.94	5,190.1	338.4	-69.3	-336.9	1.38	0.33	10.83
5,306.0	7.25	2.36	5,283.4	350.3	-69.2	-348.8	0.46	-0.05	3.64
5,401.0	7.12	359.81	5,377.6	362.1	-69.0	-360.7	0.36	-0.14	-2.68
5,496.0	6.33	358.23	5,472.0	373.3	-69.1	-371.8	0.85	-0.83	-1.66
5,590.0	5.58	354.98	5,565.4	383.0	-69.7	-381.5	0.87	-0.80	-3.46
5,685.0	5.19	354.10	5,660.0	391.9	-70.6	-390.4	0.42	-0.41	-0.93
5,780.0	4.97	358.76	5,754.7	400.3	-71.1	-398.8	0.49	-0.23	4.91
5,875.0	5.10	2.10	5,849.3	408.6	-71.0	-407.1	0.34	0.14	3.52
5,970.0	4.66	0.34	5,943.9	416.7	-70.8	-415.2	0.49	-0.46	-1.85
6,065.0	4.31	359.99	6,038.7	424.1	-70.8	-422.6	0.37	-0.37	-0.37
6,160.0	4.04	0.34	6,133.4	431.0	-70.8	-429.5	0.29	-0.28	0.37
6,255.0	3.52	355.24	6,228.2	437.3	-71.0	-435.8	0.65	-0.55	-5.37
6,349.0	3.25	357.53	6,322.0	442.8	-71.4	-441.3	0.32	-0.29	2.44
6,444.0	2.99	352.43	6,416.9	448.0	-71.8	-446.4	0.40	-0.27	-5.37
6,539.0	2.73	348.65	6,511.8	452.6	-72.6	-451.1	0.34	-0.27	-3.98
6,577.3	2.51	1.49	6,550.0	454.4	-72.7	-452.8	1.63	-0.57	33.55
Bone Spring Lime									
6,634.0	2.46	22.93	6,606.7	456.7	-72.2	-455.2	1.63	-0.09	37.79
6,695.4	2.07	32.38	6,668.0	458.9	-71.1	-457.4	0.88	-0.63	15.39
Upper Avalon									
6,729.0	1.89	39.10	6,701.6	459.8	-70.5	-458.3	0.88	-0.54	19.99
6,824.0	1.23	54.31	6,796.6	461.6	-68.6	-460.2	0.81	-0.69	16.01
6,918.0	0.57	54.31	6,890.6	462.5	-67.4	-461.1	0.70	-0.70	0.00
7,013.0	0.92	223.14	6,985.6	462.2	-67.6	-460.8	1.56	0.37	177.72
7,079.5	1.47	230.36	7,052.0	461.3	-68.6	-459.8	0.86	0.83	10.86
Middle Avalon									
7,108.0	1.71	232.02	7,080.5	460.8	-69.2	-459.3	0.86	0.84	5.83
7,202.0	2.07	258.21	7,174.5	459.6	-72.0	-458.1	0.98	0.38	27.86
7,281.6	2.31	270.62	7,254.0	459.3	-75.0	-457.7	0.67	0.30	15.60

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well WTG Fed Com #211H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2910.5usft
Site:	(WTG Fed) Sec-27_T26-S_R-29-E	MD Reference:	KB @ 2910.5usft
Well:	WTG Fed Com #211H	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)
Lower Avalon									
7,297.0	2.37	272.71	7,269.4	459.3	-75.6	-457.7	0.67	0.38	13.52
7,391.0	0.44	283.44	7,363.4	459.5	-77.9	-457.9	2.06	-2.05	11.41
7,486.0	0.18	161.27	7,458.4	459.4	-78.2	-457.8	0.59	-0.27	-128.60
7,572.6	0.74	196.40	7,545.0	458.8	-78.3	-457.1	0.69	0.65	40.56
1st Bone Spring Sand									
7,580.0	0.79	197.04	7,552.4	458.7	-78.4	-457.0	0.69	0.68	8.67
7,675.0	1.10	181.66	7,647.4	457.1	-78.6	-455.5	0.42	0.33	-16.19
7,771.0	1.58	187.37	7,743.3	454.9	-78.8	-453.3	0.52	0.50	5.95
7,860.7	1.42	179.20	7,833.0	452.6	-78.9	-450.9	0.30	-0.18	-9.11
2nd Bone Spring Carb									
7,865.0	1.41	178.76	7,837.3	452.5	-78.9	-450.8	0.30	-0.16	-10.17
7,960.0	0.92	166.10	7,932.3	450.6	-78.7	-448.9	0.58	-0.52	-13.33
8,055.0	1.54	177.44	8,027.3	448.5	-78.5	-446.9	0.70	0.65	11.94
8,122.8	2.14	183.76	8,095.0	446.4	-78.5	-444.7	0.93	0.88	9.33
2nd Bone Spring Sand									
8,149.0	2.37	185.35	8,121.2	445.3	-78.6	-443.7	0.93	0.90	6.05
8,244.0	2.15	200.12	8,216.1	441.7	-79.4	-440.0	0.65	-0.23	15.55
8,339.0	2.33	178.06	8,311.1	438.1	-79.9	-436.4	0.92	0.19	-23.22
8,433.0	2.90	177.71	8,405.0	433.8	-79.8	-432.2	0.61	0.61	-0.37
8,528.0	0.88	179.46	8,499.9	430.7	-79.7	-429.0	2.13	-2.13	1.84
8,623.0	0.53	314.81	8,594.9	430.3	-80.0	-428.6	1.38	-0.37	142.47
8,718.0	0.88	301.89	8,689.9	431.0	-80.9	-429.3	0.40	0.37	-13.60
8,729.1	1.01	296.66	8,701.0	431.1	-81.1	-429.4	1.38	1.14	-47.13
3rd Bone Spring Carb									
8,812.0	2.07	279.83	8,783.9	431.6	-83.2	-429.9	1.38	1.28	-20.30
8,907.0	1.67	304.80	8,878.8	432.7	-86.0	-430.9	0.95	-0.42	26.28
9,002.0	1.05	329.40	8,973.8	434.3	-87.6	-432.4	0.88	-0.65	25.89
9,097.0	0.79	291.17	9,068.8	435.3	-88.7	-433.4	0.68	-0.27	-40.24
9,192.0	0.18	289.50	9,163.8	435.5	-89.4	-433.7	0.64	-0.64	-1.76
9,286.0	0.53	293.02	9,257.8	435.8	-90.0	-433.9	0.37	0.37	3.74
9,381.0	0.57	256.81	9,352.8	435.8	-90.8	-433.9	0.36	0.04	-38.12
9,393.2	0.57	252.52	9,365.0	435.8	-90.9	-433.9	0.35	-0.03	-35.05
3rd Bone Spring Sand									
9,475.0	0.62	225.17	9,446.8	435.4	-91.6	-433.4	0.35	0.07	-33.45
9,615.0	1.05	179.55	9,586.8	433.5	-92.2	-431.6	0.54	0.31	-32.59
9,703.4	5.43	156.31	9,675.0	428.9	-90.5	-427.0	5.07	4.95	-26.29
3rd BS W Sand									
9,710.0	5.76	156.00	9,681.6	428.3	-90.2	-426.4	5.07	5.05	-4.67
9,795.7	19.59	186.31	9,765.0	410.0	-90.0	-408.1	17.38	16.14	35.39
Wolfcamp A X Sand									
9,804.0	21.01	187.11	9,772.8	407.1	-90.4	-405.3	17.38	17.06	9.56
9,899.0	31.69	193.53	9,857.8	365.8	-98.4	-363.8	11.62	11.24	6.76
9,913.4	32.55	192.34	9,870.0	358.4	-100.1	-356.3	7.42	5.97	-8.29
Wolfcamp A Y Sand									

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Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2910.5usft
Site:	(WTG Fed) Sec-27_T26-S_R-29-E	MD Reference:	KB @ 2910.5usft
Well:	WTG Fed Com #211H	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)
9,994.0	37.54	186.58	9,936.0	312.8	-107.5	-310.6	7.42	6.19	-7.14
10,044.8	42.25	183.92	9,975.0	280.3	-110.5	-278.1	9.85	9.26	-5.24
Wolfcamp A Lower									
10,088.0	46.29	182.01	10,005.9	250.2	-112.0	-248.0	9.85	9.36	-4.42
10,183.0	52.57	179.20	10,067.7	178.1	-112.7	-175.8	6.98	6.61	-2.96
10,185.5	52.89	179.13	10,069.2	176.1	-112.7	-173.9	12.88	12.70	-2.64
FTP @ 10185.5'MD, 330'FNL & 276.9'FWL									
10,278.0	64.66	177.00	10,117.1	97.2	-109.9	-95.0	12.88	12.73	-2.31
10,373.0	72.26	175.07	10,151.9	9.1	-103.8	-7.1	8.22	8.00	-2.03
10,468.0	75.03	175.33	10,178.7	-81.7	-96.1	83.6	2.93	2.92	0.27
10,562.0	84.84	176.30	10,195.1	-173.9	-89.4	175.6	10.49	10.44	1.03
10,654.0	92.04	177.53	10,197.6	-265.6	-84.4	267.3	7.94	7.83	1.34
10,749.0	91.08	178.67	10,195.0	-360.6	-81.3	362.1	1.57	-1.01	1.20
10,843.0	88.44	179.46	10,195.4	-454.5	-79.8	456.0	2.93	-2.81	0.84
10,938.0	88.57	180.25	10,197.9	-549.5	-79.5	551.0	0.84	0.14	0.83
11,033.0	88.09	181.75	10,200.6	-644.4	-81.2	645.9	1.66	-0.51	1.58
11,128.0	87.52	182.01	10,204.3	-739.3	-84.3	740.9	0.66	-0.60	0.27
11,222.0	87.12	182.63	10,208.7	-833.1	-88.1	834.7	0.78	-0.43	0.66
11,247.8	86.99	182.87	10,210.0	-858.9	-89.3	860.5	1.05	-0.51	0.93
Wolfcamp B									
11,317.0	86.64	183.51	10,213.8	-927.9	-93.2	929.5	1.05	-0.51	0.93
11,411.0	86.07	183.24	10,219.8	-1,021.5	-98.7	1,023.3	0.67	-0.61	-0.29
11,505.0	87.52	182.54	10,225.1	-1,115.2	-103.4	1,117.1	1.71	1.54	-0.74
11,600.0	88.84	184.74	10,228.1	-1,210.0	-109.5	1,211.9	2.70	1.39	2.32
11,694.0	89.05	184.82	10,229.8	-1,303.7	-117.3	1,305.7	0.24	0.22	0.09
11,789.0	88.70	181.48	10,231.7	-1,398.5	-122.5	1,400.6	3.53	-0.37	-3.52
11,883.0	88.13	181.48	10,234.3	-1,492.4	-124.9	1,494.6	0.61	-0.61	0.00
11,978.0	90.11	179.73	10,235.7	-1,587.4	-125.9	1,589.6	2.78	2.08	-1.84
12,073.0	90.24	179.46	10,235.5	-1,682.4	-125.3	1,684.5	0.32	0.14	-0.28
12,168.0	91.30	179.29	10,234.2	-1,777.4	-124.2	1,779.5	1.13	1.12	-0.18
12,263.0	91.30	179.29	10,232.0	-1,872.3	-123.1	1,874.4	0.00	0.00	0.00
12,357.0	90.86	179.29	10,230.3	-1,966.3	-121.9	1,968.3	0.47	-0.47	0.00
12,452.0	90.15	179.29	10,229.4	-2,061.3	-120.7	2,063.3	0.75	-0.75	0.00
12,547.0	92.40	179.64	10,227.3	-2,156.3	-119.8	2,158.2	2.40	2.37	0.37
12,641.0	92.48	179.38	10,223.3	-2,250.2	-119.0	2,252.1	0.29	0.09	-0.28
12,735.0	92.44	179.81	10,219.3	-2,344.1	-118.4	2,346.0	0.46	-0.04	0.46
12,830.0	92.44	180.17	10,215.2	-2,439.0	-118.3	2,440.9	0.38	0.00	0.38
12,924.0	92.40	180.43	10,211.3	-2,532.9	-118.8	2,534.8	0.28	-0.04	0.28
13,019.0	92.18	180.43	10,207.5	-2,627.8	-119.5	2,629.7	0.23	-0.23	0.00
13,114.0	91.78	180.43	10,204.2	-2,722.8	-120.3	2,724.6	0.42	-0.42	0.00
13,208.0	90.81	180.34	10,202.1	-2,816.7	-120.9	2,818.6	1.04	-1.03	-0.10
13,302.0	90.51	180.34	10,201.0	-2,910.7	-121.5	2,912.6	0.32	-0.32	0.00
13,397.0	89.23	180.61	10,201.2	-3,005.7	-122.2	3,007.6	1.38	-1.35	0.28
13,491.0	88.92	181.05	10,202.7	-3,099.7	-123.6	3,101.6	0.57	-0.33	0.47

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well WTG Fed Com #211H
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Well:	WTG Fed Com #211H	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)
13,586.0	88.70	181.57	10,204.7	-3,194.7	-125.8	3,196.5	0.59	-0.23	0.55
13,681.0	88.40	181.75	10,207.1	-3,289.6	-128.5	3,291.5	0.37	-0.32	0.19
13,775.0	88.75	181.92	10,209.4	-3,383.5	-131.5	3,385.5	0.41	0.37	0.18
13,870.0	90.11	182.45	10,210.4	-3,478.4	-135.2	3,480.4	1.54	1.43	0.56
13,964.0	91.38	182.45	10,209.1	-3,572.3	-139.2	3,574.4	1.35	1.35	0.00
14,059.0	91.08	182.28	10,207.1	-3,667.2	-143.1	3,669.4	0.36	-0.32	-0.18
14,154.0	90.64	182.10	10,205.7	-3,762.2	-146.7	3,764.3	0.50	-0.46	-0.19
14,248.0	90.02	181.92	10,205.1	-3,856.1	-150.0	3,858.3	0.69	-0.66	-0.19
14,342.0	91.25	181.92	10,204.1	-3,950.0	-153.2	3,952.3	1.31	1.31	0.00
14,437.0	92.40	182.10	10,201.1	-4,044.9	-156.5	4,047.2	1.23	1.21	0.19
14,531.0	92.44	181.92	10,197.1	-4,138.8	-159.8	4,141.2	0.20	0.04	-0.19
14,626.0	92.22	181.92	10,193.2	-4,233.7	-163.0	4,236.1	0.23	-0.23	0.00
14,721.0	92.26	181.92	10,189.5	-4,328.5	-166.2	4,331.0	0.04	0.04	0.00
14,815.0	92.35	182.28	10,185.7	-4,422.4	-169.6	4,424.9	0.39	0.10	0.38
14,910.0	92.35	182.28	10,181.8	-4,517.2	-173.4	4,519.8	0.00	0.00	0.00
15,005.0	91.21	180.96	10,178.9	-4,612.2	-176.1	4,614.7	1.84	-1.20	-1.39
15,100.0	89.76	180.43	10,178.1	-4,707.1	-177.2	4,709.7	1.63	-1.53	-0.56
15,194.0	89.93	180.52	10,178.3	-4,801.1	-178.0	4,803.7	0.20	0.18	0.10
15,289.0	89.49	180.52	10,178.8	-4,896.1	-178.8	4,898.7	0.46	-0.46	0.00
15,384.0	89.54	180.69	10,179.6	-4,991.1	-179.9	4,993.7	0.19	0.05	0.18
15,479.0	88.84	180.87	10,181.0	-5,086.1	-181.1	5,088.7	0.76	-0.74	0.19
15,573.0	89.76	180.69	10,182.1	-5,180.1	-182.4	5,182.7	1.00	0.98	-0.19
15,668.0	91.08	181.05	10,181.4	-5,275.1	-183.9	5,277.7	1.44	1.39	0.38
15,762.0	90.95	181.22	10,179.8	-5,369.0	-185.7	5,371.7	0.23	-0.14	0.18
15,857.0	90.59	181.05	10,178.5	-5,464.0	-187.6	5,466.7	0.42	-0.38	-0.18
15,952.0	90.11	181.31	10,177.9	-5,559.0	-189.6	5,561.7	0.57	-0.51	0.27
16,046.0	89.98	181.57	10,177.8	-5,653.0	-191.9	5,655.7	0.31	-0.14	0.28
16,141.0	89.71	181.92	10,178.1	-5,747.9	-194.8	5,750.7	0.47	-0.28	0.37
16,235.0	89.19	181.92	10,179.0	-5,841.9	-198.0	5,844.6	0.55	-0.55	0.00
16,329.0	88.22	182.19	10,181.1	-5,935.8	-201.3	5,938.6	1.07	-1.03	0.29
16,424.0	90.11	181.66	10,182.5	-6,030.7	-204.5	6,033.6	2.07	1.99	-0.56
16,518.0	91.56	181.84	10,181.1	-6,124.6	-207.4	6,127.6	1.55	1.54	0.19
16,613.0	91.60	181.92	10,178.5	-6,219.6	-210.5	6,222.5	0.09	0.04	0.08
16,708.0	91.47	181.66	10,176.0	-6,314.5	-213.5	6,317.5	0.31	-0.14	-0.27
16,803.0	91.30	181.92	10,173.7	-6,409.4	-216.4	6,412.4	0.33	-0.18	0.27
16,898.0	91.12	181.75	10,171.7	-6,504.3	-219.5	6,507.4	0.26	-0.19	-0.18
16,992.0	90.81	181.92	10,170.1	-6,598.3	-222.5	6,601.4	0.38	-0.33	0.18
17,087.0	90.20	182.10	10,169.2	-6,693.2	-225.8	6,696.4	0.67	-0.64	0.19
17,182.0	89.80	182.10	10,169.2	-6,788.1	-229.3	6,791.4	0.42	-0.42	0.00
17,276.0	88.88	182.28	10,170.3	-6,882.1	-232.9	6,885.3	1.00	-0.98	0.19
17,362.0	88.66	182.36	10,172.2	-6,968.0	-236.4	6,971.3	0.27	-0.26	0.09
LAST SVY									
17,377.3	88.66	182.36	10,172.5	-6,983.3	-237.0	6,986.6	0.00	0.00	0.00

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well WTG Fed Com #211H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2910.5usft
Site:	(WTG Fed) Sec-27_T26-S_R-29-E	MD Reference:	KB @ 2910.5usft
Well:	WTG Fed Com #211H	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)
LTP @ 17377.3'MD, 100'FSL & 296.8'FWL									
17,435.0	88.66	182.36	10,173.9	-7,040.9	-239.4	7,044.3	0.00	0.00	0.00
Projection to TD @ 17435'MD, 42.4'FSL & 294.2'FWL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target - Shape PBHL (WTG Fed Corr - actual wellpath misses target center by 54.3usft at 17435.0usft MD (10173.9 TVD, -7040.9 N, -239.4 E) - Rectangle (sides W100.0 H2,348.1 D30.0)	-0.50	179.87	10,158.0	-7,078.0	-203.0	363,958.00	650,852.00	32° 0' 0.391 N	103° 58' 48.172 W
LTP (WTG Fed Com # - actual wellpath misses target center by 36.9usft at 17375.3usft MD (10172.5 TVD, -6981.3 N, -236.9 E) - Point	0.00	0.00	10,158.0	-6,983.0	-203.0	364,053.00	650,852.00	32° 0' 1.332 N	103° 58' 48.168 W
P.I. (WTG Fed Com # - actual wellpath misses target center by 29.6usft at 15123.1usft MD (10178.2 TVD, -4730.2 N, -177.4 E) - Rectangle (sides W100.0 H4,904.0 D30.0)	-0.50	181.73	10,178.5	-4,730.0	-207.0	366,306.00	650,848.00	32° 0' 23.628 N	103° 58' 48.129 W
FTP (WTG Fed Com # - actual wellpath misses target center by 119.9usft at 10258.6usft MD (10108.4 TVD, 114.6 N, -110.7 E) - Point	0.00	0.00	10,200.0	172.0	-59.0	371,208.00	650,996.00	32° 1' 12.134 N	103° 58' 46.224 W

Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well WTG Fed Com #211H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 2910.5usft
Site:	(WTG Fed) Sec-27_T26-S_R-29-E	MD Reference:	KB @ 2910.5usft
Well:	WTG Fed Com #211H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
345.1	345.0	Rustler Anhydrite			
1,285.8	1,285.0	Top Salt			
2,637.6	2,635.0	Base Salt			
2,878.1	2,875.0	Delaware Mountain Gp			
2,908.2	2,905.0	Lamar			
2,908.2	2,905.0	Bell Canyon			
2,948.3	2,945.0	Ramsey Sand			
3,679.5	3,670.0	Cherry Canyon			
5,030.5	5,010.0	Brushy Canyon			
6,577.3	6,550.0	Bone Spring Lime			
6,695.4	6,668.0	Upper Avalon			
7,079.5	7,052.0	Middle Avalon			
7,281.6	7,254.0	Lower Avalon			
7,572.6	7,545.0	1st Bone Spring Sand			
7,860.7	7,833.0	2nd Bone Spring Carb			
8,122.8	8,095.0	2nd Bone Spring Sand			
8,729.1	8,701.0	3rd Bone Spring Carb			
9,393.2	9,365.0	3rd Bone Spring Sand			
9,703.4	9,675.0	3rd BS W Sand			
9,795.7	9,765.0	Wolfcamp A X Sand			
9,913.4	9,870.0	Wolfcamp A Y Sand			
10,044.8	9,975.0	Wolfcamp A Lower			
11,247.8	10,210.0	Wolfcamp B			

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,185.5	10,069.2	176.1	-112.7	FTP @ 10185.5'MD, 330'FNL & 276.9'FWL
17,362.0	10,172.2	-6,968.0	-236.4	LAST SVY
17,377.3	10,172.5	-6,983.3	-237.0	LTP @ 17377.3'MD, 100'FSL & 296.8'FWL
17,435.0	10,173.9	-7,040.9	-239.4	Projection to TD @ 17435'MD, 42.4'FSL & 294.2'FWL

Checked By: _____ Approved By: _____ Date: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTEMNRD-OCD ARTESIA
REC'D: 05/11/2020FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other				5. Lease Serial No. NMNM38636	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____				6. If Indian, Allottee or Tribe Name	
2. Name of Operator TAP ROCK RESOURCES				8. Lease Name and Well No. WTG FED COM 211H	
Contact: BILL RAMSEY E-Mail: bramsey@taprk.com				7. Unit or CA Agreement Name and No.	
3. Address 602 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401		3a. Phone No. (include area code) Ph: 720-360-4028		9. API Well No. 30-015-46451	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 497FNL 395FWL At top prod interval reported below Sec 27 T26S R29E Mer NWNW 374FNL 280FWL At total depth Sec 34 T26S R29E Mer SWNW 43FSL 295FWL				10. Field and Pool, or Exploratory PURPLE SAGE-WOLFCAMP (GAS)	
14. Date Spudded 12/08/2019				11. Sec., T., R., M., or Block and Survey or Area Sec 27 T26S R29E Mer	
15. Date T.D. Reached 01/07/2020				12. County or Parish EDDY	
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/26/2020				13. State NM	
17. Elevations (DF, KB, RT, GL)* 2884 GL					
18. Total Depth: MD 17435 TVD 10174		19. Plug Back T.D.: MD 17368 TVD 10172		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR				22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)	

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	54.5	0	420		1170		0	
12.250	9.625 J55	40.0	0	2961		930		0	
6.750	5.500 P-110	20.0	0	9270		830		8800	
8.750	7.625 P-110	29.7	0	9532		707		1489	
6.750	5.000 P-110	18.0	9270	17414					

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLF CAMP A	10252	17269	10252 TO 17269	0.420	1404	OPEN
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10252 TO 17269	36 STAGE FRAC WITH 17619680 LBS 100 MESH SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/27/2020	05/02/2020	24	→	160.0	910.0	1135.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36	SI	2600.0	→	160	910	1135	5687	PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #514914 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

AB 6/26/2020

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(*Sold, used for fuel, vented, etc.*)
FLARED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
CHERRY CANYON	3768				
BRUSHY CANYON	5061				
BONESPRING	6642				
UPPER AVALON	6711				
LOWER AVALON	7333				
1ST BONE SPRING SAND	7569				
2ND BONE SPRING SAND	8265				
3RD BONE SPRING SAND	9427				

32. Additional remarks (include plugging procedure):

Wolfcamp A: 9779 ft
Wolfcamp A Y: 9876 ft
Wolfcamp A Lower: 9971 ft
Wolfcamp B: 10204 ft

RIG RELEASE ON 1/10/2020
NO TUBING IN HOLE. SUNDRY WILL BE FILED WHEN/IF TUBING IS INSTALLED.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #514914 Verified by the BLM Well Information System.
For TAP ROCK RESOURCES, sent to the Carlsbad**

Name (*please print*) BILL RAMSEY Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 05/11/2020

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 to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Additional data for transaction #514914 that would not fit on the form

32. Additional remarks, continued

Well was tested on 5/2/2020. After production was seen the well was shut in due to economic hardship. Sundry will be submitted once Tap Rock determines what the future of the well is.

Gas was flared per BLM APD.