

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

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 523 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 15-47267	⁵ Pool Name Purple Sage; Wolfcamp (Gas)		⁶ Pool Code 98220
⁷ Property Code 319943	⁸ Property Name Cypress 34 Federal		⁹ Well Number 205H

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	34	23-S	29-E	-	298'	NORTH	201'	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
M	34	23-S	29-E	-	18'	SOUTH	978'	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 6/3/2021		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 3/7/2021	²² Ready Date 5/26/2021	²³ TD 15215'	²⁴ PBTD 15147'	²⁵ Perforations 10224' - 15061'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5"		13.375"	387'		525 sks
12.25"		9.625"	3174'		1494 sks
8.75"		7.625"	9538'		727 sks
6.75"		5.5 " / 5"	8970' / 15195'		634 sks

V. Well Test Data

³¹ Date New Oil 6/3/2021	³² Gas Delivery Date 6/3/2021	³³ Test Date 6/18/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 1259
³⁷ Choke Size 50/64	³⁸ Oil 1276	³⁹ Water 3993	⁴⁰ Gas 2965		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: KURT SIMMONS	
Title: Regulatory Analyst		Title: NMOCD, SANTA FE	
E-mail Address: bramsey@taprk.com		Approval Date: 08/31/2021	
Date: 7/12/2021	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 30-015-47267	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)
⁴ Property Code 319943	⁵ Property Name CYPRESS 34 FEDERAL	⁶ Well Number 205H
⁷ OGRID No. #372043	⁸ Operator Name TAP ROCK OPERATING, LLC.	⁹ Elevation 3049'

¹⁰Surface Location

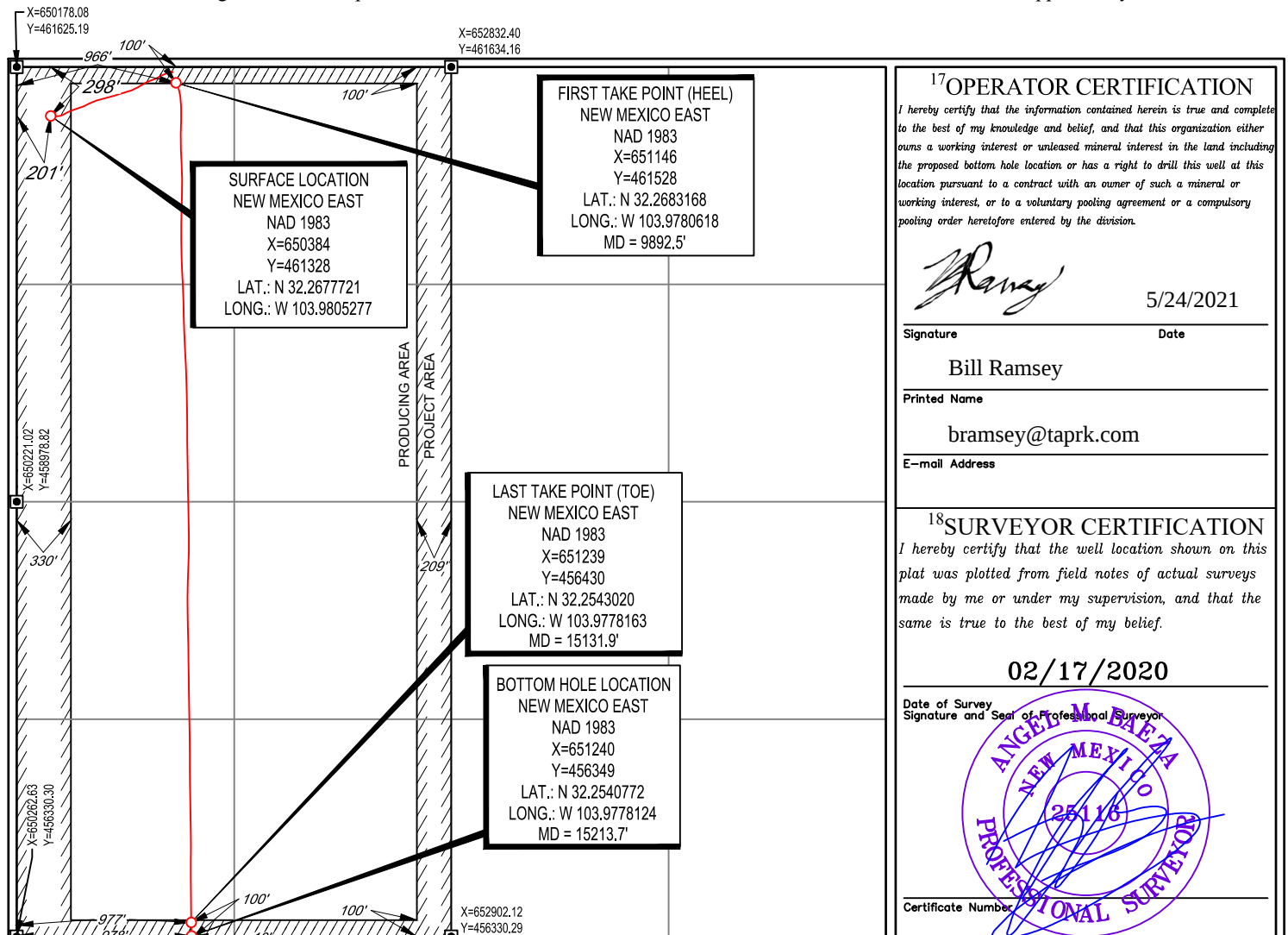
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	23-S	29-E	-	298'	NORTH	201'	WEST	EDDY

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
M	34	23-S	29-E	-	18'	SOUTH	978'	WEST	EDDY

¹² Dedicated Acres 320	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.

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.

Ramsey

5/24/2021

Signature

Date

Bill Ramsey

Printed Name

bramsey@taprk.com

E-mail Address

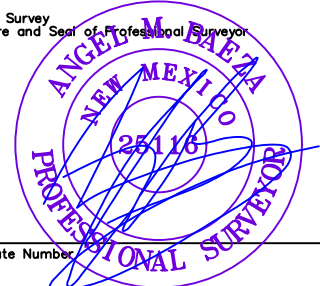
¹⁸SURVEYOR CERTIFICATION

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.

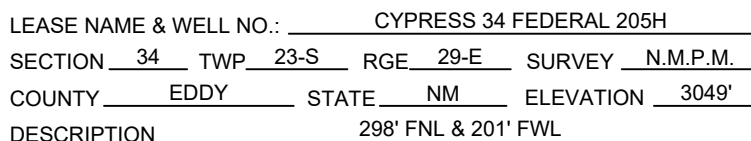
02/17/2020

Date of Survey

Signature and Seal of Professional Surveyor



Certificate Number



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

CYPRESS 34 FEDERAL 211H PRE-COMPLETION	REVISION:	
	INT	DATE
DATE: 04/30/2021		
FILE: C_CYPRESS_34_FEDERAL_205H		
DRAWN BY: EAH		
SHEET : 1 OF 1		

NOTES:

- 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)
(Cypress) Sec-3_T-24-S_R-29-E
Cypress 34 Federal #205H**

OWB

Design: AWB

Standard Survey Report

25 April, 2021





Operator: TapRock Resources LLC
Well Name: Cypress34 Federal#205H
County: Eddy
State: New Mexico
Rig Name: H&P 312
API: 30-015-47267

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: 240' MD – 15,144' MD
Projection to Bit: 15,215' MD
Dates Performed: 03/07/2021 – 04/24/2021
Type of Survey: MWD

Sincerely,

A handwritten signature in black ink, appearing to read "T. Henk".

Travis Henk
MWD Operations Manager
Intrepid Directional Drilling Specialists





Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #205H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3074.0usft (H&P 312)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3074.0usft (H&P 312)
Well:	Cypress 34 Federal #205H	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	(Cypress) Sec-3_T-24-S_R-29-E		
Site Position:		Northing:	456,089.00 usft
From:	Map	Easting:	654,400.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 15' 12.005 N
		Longitude:	103° 58' 3.336 W
		Grid Convergence:	0.20 °

Well	Cypress 34 Federal #205H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 16' 3.982 N
		Longitude:	103° 58' 49.903 W
		Ground Level:	3,048.0 usft

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM	03/05/21	6.80
			Dip Angle (°)
			59.95
			Field Strength (nT)
			47,743.42814152

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 (°)
			179.09

Survey Program	Date	04/25/21		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
240.0	15,215.0	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
194.0	0.36	235.57	194.0	-0.3	-0.5	0.3	0.18	0.18	0.00
Rustler Anhydrite									
240.0	0.44	235.57	240.0	-0.5	-0.8	0.5	0.18	0.18	0.00
328.0	0.70	114.63	328.0	-0.9	-0.6	0.9	1.14	0.30	-137.43
426.0	0.70	157.69	426.0	-1.7	0.2	1.7	0.52	0.00	43.94
520.0	0.84	156.46	520.0	-2.9	0.7	2.9	0.15	0.15	-1.31
615.0	0.44	104.52	615.0	-3.6	1.3	3.7	0.70	-0.42	-54.67
639.0	0.44	106.18	639.0	-3.7	1.5	3.7	0.05	0.00	6.90
Top Salt									



Intrepid Survey Report



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Well:	Cypress 34 Federal #205H	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)
709.0	0.44	111.02	709.0	-3.9	2.0	3.9	0.05	0.00	6.92
803.0	0.22	34.91	803.0	-3.8	2.5	3.9	0.47	-0.23	-80.97
898.0	0.22	47.39	898.0	-3.6	2.7	3.6	0.05	0.00	13.14
992.0	0.22	89.05	992.0	-3.4	3.0	3.5	0.17	0.00	44.32
1,052.0	0.53	226.42	1,052.0	-3.6	2.9	3.7	1.18	0.52	228.95
1,146.0	0.31	241.63	1,146.0	-4.0	2.4	4.1	0.26	-0.23	16.18
1,240.0	0.70	225.90	1,240.0	-4.6	1.8	4.6	0.44	0.41	-16.73
1,429.0	1.41	244.53	1,428.9	-6.4	-1.2	6.3	0.41	0.38	9.86
1,524.0	1.36	235.65	1,523.9	-7.5	-3.2	7.5	0.23	-0.05	-9.35
1,618.0	0.92	238.03	1,617.9	-8.5	-4.7	8.5	0.47	-0.47	2.53
1,712.0	0.79	199.53	1,711.9	-9.5	-5.6	9.5	0.61	-0.14	-40.96
1,807.0	0.22	202.52	1,806.9	-10.3	-5.9	10.2	0.60	-0.60	3.15
1,902.0	0.22	158.13	1,901.9	-10.7	-5.9	10.6	0.17	0.00	-46.73
1,997.0	0.53	170.44	1,996.9	-11.3	-5.7	11.2	0.34	0.33	12.96
2,091.0	0.62	108.30	2,090.9	-11.9	-5.2	11.8	0.64	0.10	-66.11
2,185.0	0.66	75.69	2,184.9	-11.9	-4.2	11.8	0.38	0.04	-34.69
2,279.0	1.32	84.83	2,278.8	-11.7	-2.6	11.6	0.72	0.70	9.72
2,374.0	4.00	64.09	2,373.7	-10.1	1.5	10.1	2.95	2.82	-21.83
2,468.0	6.77	72.62	2,467.3	-7.0	9.8	7.2	3.06	2.95	9.07
2,562.0	6.73	74.37	2,560.7	-3.9	20.3	4.2	0.22	-0.04	1.86
2,657.0	5.63	81.67	2,655.1	-1.7	30.3	2.2	1.42	-1.16	7.68
2,751.0	5.14	91.42	2,748.7	-1.1	39.1	1.8	1.10	-0.52	10.37
2,801.5	5.60	89.22	2,799.0	-1.2	43.8	1.9	1.01	0.92	-4.36
Base Salt									
2,846.0	6.02	87.56	2,843.2	-1.0	48.3	1.8	1.01	0.93	-3.72
2,941.0	6.33	78.77	2,937.7	0.2	58.4	0.7	1.05	0.33	-9.25
3,022.9	7.65	66.19	3,019.0	3.3	67.9	-2.2	2.46	1.61	-15.35
Delaware Mountain Gp									
3,033.0	7.83	64.95	3,029.0	3.8	69.1	-2.7	2.46	1.81	-12.32
Lamar									
3,035.0	7.87	64.71	3,031.0	4.0	69.3	-2.9	2.46	1.83	-11.98
3,058.2	8.17	63.88	3,054.0	5.4	72.3	-4.2	1.36	1.27	-3.56
Bell Canyon									
3,068.4	8.29	63.54	3,064.0	6.0	73.6	-4.8	1.36	1.28	-3.37
Ramsey Sand									
3,107.0	8.79	62.33	3,102.2	8.6	78.7	-7.4	1.36	1.28	-3.14
3,212.0	8.48	61.10	3,206.0	16.1	92.6	-14.6	0.34	-0.30	-1.17
3,307.0	8.84	60.49	3,299.9	23.1	105.0	-21.4	0.39	0.38	-0.64
3,401.0	9.27	69.54	3,392.8	29.3	118.4	-27.4	1.58	0.46	9.63
3,496.0	9.58	72.09	3,486.5	34.4	133.1	-32.3	0.55	0.33	2.68
3,591.0	9.14	67.69	3,580.2	39.7	147.6	-37.3	0.88	-0.46	-4.63
3,685.0	7.21	72.18	3,673.3	44.3	160.1	-41.8	2.16	-2.05	4.78
3,779.0	6.86	72.62	3,766.6	47.8	171.1	-45.1	0.38	-0.37	0.47
3,874.0	6.73	69.80	3,860.9	51.4	181.7	-48.5	0.38	-0.14	-2.97



Intrepid Survey Report



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Well:	Cypress 34 Federal #205H	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)
3,932.5	6.32	69.23	3,919.0	53.7	188.0	-50.7	0.70	-0.70	-0.97
Cherry Canyon									
3,969.0	6.07	68.84	3,955.3	55.1	191.7	-52.1	0.70	-0.69	-1.08
4,063.0	5.54	68.92	4,048.8	58.6	200.5	-55.4	0.56	-0.56	0.09
4,158.0	6.81	63.04	4,143.3	62.8	209.8	-59.4	1.49	1.34	-6.19
4,252.0	7.74	61.54	4,236.5	68.3	220.4	-64.8	1.01	0.99	-1.60
4,347.0	7.96	66.99	4,330.6	73.9	232.0	-70.2	0.82	0.23	5.74
4,441.0	7.87	67.96	4,423.7	78.9	244.0	-75.0	0.17	-0.10	1.03
4,536.0	7.65	66.82	4,517.9	83.8	255.8	-79.7	0.28	-0.23	-1.20
4,631.0	6.99	65.94	4,612.1	88.7	266.9	-84.4	0.70	-0.69	-0.93
4,726.0	7.78	71.91	4,706.3	93.0	278.3	-88.6	1.16	0.83	6.28
4,820.0	8.35	74.90	4,799.4	96.8	291.0	-92.1	0.75	0.61	3.18
4,915.0	8.66	75.52	4,893.3	100.4	304.5	-95.5	0.34	0.33	0.65
5,010.0	8.84	75.08	4,987.2	104.0	318.5	-99.0	0.20	0.19	-0.46
5,104.0	8.79	74.90	5,080.1	107.8	332.4	-102.5	0.06	-0.05	-0.19
5,199.0	8.66	74.02	5,174.0	111.6	346.3	-106.1	0.20	-0.14	-0.93
5,293.0	8.66	73.93	5,266.9	115.5	359.9	-109.8	0.01	0.00	-0.10
5,387.0	8.75	75.08	5,359.9	119.3	373.6	-113.4	0.21	0.10	1.22
5,482.0	8.18	74.99	5,453.8	122.9	387.1	-116.8	0.60	-0.60	-0.09
5,577.0	7.65	72.97	5,547.9	126.5	399.7	-120.2	0.63	-0.56	-2.13
5,588.2	7.56	72.91	5,559.0	127.0	401.1	-120.6	0.80	-0.80	-0.51
Brushy Canyon									
5,671.0	6.90	72.44	5,641.2	130.1	411.1	-123.5	0.80	-0.80	-0.57
5,766.0	7.08	72.62	5,735.4	133.5	422.1	-126.8	0.19	0.19	0.19
5,860.0	6.81	72.62	5,828.8	136.9	433.0	-130.0	0.29	-0.29	0.00
5,954.0	6.51	71.12	5,922.1	140.3	443.3	-133.3	0.37	-0.32	-1.60
6,049.0	6.24	72.44	6,016.5	143.6	453.3	-136.4	0.32	-0.28	1.39
6,142.0	6.02	73.23	6,109.0	146.6	462.8	-139.2	0.25	-0.24	0.85
6,237.0	6.02	74.90	6,203.5	149.3	472.4	-141.8	0.18	0.00	1.76
6,331.0	5.76	76.31	6,297.0	151.7	481.7	-144.0	0.32	-0.28	1.50
6,426.0	6.33	67.52	6,391.5	154.8	491.2	-147.0	1.14	0.60	-9.25
6,520.0	6.86	62.42	6,484.8	159.4	501.0	-151.4	0.84	0.56	-5.43
6,615.0	6.24	64.00	6,579.2	164.3	510.6	-156.2	0.68	-0.65	1.66
6,709.0	6.02	65.67	6,672.7	168.6	519.7	-160.3	0.30	-0.23	1.78
6,803.0	6.86	60.40	6,766.1	173.4	529.1	-164.9	1.09	0.89	-5.61
6,836.2	7.26	59.92	6,799.0	175.4	532.6	-166.9	1.22	1.21	-1.44
Bone Spring Lime									
6,897.0	8.00	59.17	6,859.3	179.5	539.6	-170.9	1.22	1.21	-1.24
6,906.8	8.09	59.35	6,869.0	180.2	540.8	-171.6	1.00	0.97	1.83
Upper Avalon									
6,992.0	8.92	60.75	6,953.3	186.5	551.7	-177.7	1.00	0.97	1.64
7,087.0	7.43	58.29	7,047.3	193.3	563.4	-184.3	1.61	-1.57	-2.59
7,181.0	6.99	59.96	7,140.5	199.4	573.5	-190.2	0.52	-0.47	1.78
7,276.0	8.00	64.35	7,234.7	205.1	584.4	-195.8	1.22	1.06	4.62



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #205H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3074.0usft (H&P 312)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3074.0usft (H&P 312)
Well:	Cypress 34 Federal #205H	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)
7,280.3	8.07	64.58	7,239.0	205.4	585.0	-196.1	1.76	1.59	5.35
Middle Avalon									
7,371.0	9.54	68.66	7,328.6	210.9	597.7	-201.3	1.76	1.62	4.50
7,465.0	10.02	70.33	7,421.3	216.4	612.7	-206.7	0.59	0.51	1.78
7,560.0	8.44	70.15	7,515.0	221.6	627.0	-211.6	1.66	-1.66	-0.19
7,654.0	5.89	64.09	7,608.3	226.0	637.9	-215.9	2.83	-2.71	-6.45
7,664.8	6.01	63.82	7,619.0	226.5	638.9	-216.4	1.10	1.07	-2.47
Lower Avalon									
7,748.0	6.90	62.07	7,701.7	230.8	647.2	-220.5	1.10	1.07	-2.11
7,831.0	7.86	58.79	7,784.0	236.1	656.4	-225.6	1.26	1.16	-3.95
1st Bone Spring Sand									
7,843.0	8.00	58.38	7,795.9	236.9	657.9	-226.5	1.26	1.17	-3.41
7,937.0	8.88	64.97	7,888.9	243.4	670.0	-232.8	1.39	0.94	7.01
8,032.0	8.70	67.69	7,982.8	249.3	683.3	-238.4	0.48	-0.19	2.86
8,126.0	8.04	65.23	8,075.8	254.7	695.8	-243.6	0.80	-0.70	-2.62
8,144.4	7.80	65.32	8,094.0	255.8	698.1	-244.7	1.30	-1.29	0.49
2nd Bone Spring Carb									
8,221.0	6.81	65.76	8,170.0	259.8	707.0	-248.6	1.30	-1.29	0.57
8,315.0	5.19	66.64	8,263.4	263.8	716.0	-252.4	1.73	-1.72	0.94
8,410.0	5.01	74.37	8,358.1	266.6	723.9	-255.1	0.75	-0.19	8.14
8,503.0	3.60	77.10	8,450.8	268.4	730.7	-256.7	1.53	-1.52	2.94
8,551.3	2.73	85.43	8,499.0	268.8	733.3	-257.1	2.04	-1.81	17.27
2nd Bone Spring Sand									
8,598.0	1.98	100.21	8,545.7	268.7	735.2	-257.0	2.04	-1.59	31.62
8,691.0	1.14	111.29	8,638.7	268.1	737.7	-256.4	0.96	-0.90	11.91
8,786.0	0.79	115.68	8,733.6	267.5	739.1	-255.7	0.38	-0.37	4.62
8,880.0	0.70	151.54	8,827.6	266.7	740.0	-254.9	0.50	-0.10	38.15
8,974.0	0.57	166.66	8,921.6	265.7	740.4	-253.9	0.22	-0.14	16.09
8,981.4	0.57	172.64	8,929.0	265.7	740.4	-253.9	0.81	-0.01	81.18
3rd Bone Spring Carb									
9,068.0	0.92	222.03	9,015.6	264.7	740.0	-252.9	0.81	0.40	57.01
9,163.0	2.15	239.34	9,110.6	263.2	737.9	-251.5	1.37	1.29	18.22
9,257.0	2.68	259.30	9,204.5	261.9	734.2	-250.2	1.05	0.56	21.23
9,352.0	2.68	249.10	9,299.4	260.7	730.0	-249.1	0.50	0.00	-10.74
9,446.0	2.15	233.28	9,393.3	258.9	726.5	-247.3	0.90	-0.56	-16.83
9,491.0	2.02	234.07	9,438.3	257.9	725.2	-246.4	0.30	-0.29	1.76
9,569.0	2.42	236.53	9,516.2	256.2	722.7	-244.7	0.53	0.51	3.15
9,675.0	4.22	151.63	9,622.1	251.5	722.7	-240.0	4.41	1.70	-80.09
9,768.0	16.18	135.46	9,713.5	239.2	733.5	-227.6	13.10	12.86	-17.39
9,773.8	16.76	136.46	9,719.0	238.1	734.6	-226.4	11.25	10.12	17.38
3rd Bone Spring Sand									
9,862.0	26.07	146.18	9,801.1	212.7	754.2	-200.7	11.25	10.55	11.01
9,956.0	32.35	158.40	9,883.2	172.1	775.0	-159.7	9.18	6.68	13.00
10,001.0	36.26	167.45	9,920.3	147.8	782.3	-135.4	14.26	8.69	20.11
10,050.0	40.97	172.81	9,958.6	117.7	787.5	-105.2	11.78	9.61	10.94



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #205H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3074.0usft (H&P 312)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3074.0usft (H&P 312)
Well:	Cypress 34 Federal #205H	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)
10,098.6	45.65	175.72	9,994.0	84.6	790.8	-72.0	10.47	9.63	5.99
3rd BS W Sand									
10,143.0	49.98	178.00	10,023.8	51.7	792.6	-39.2	10.47	9.75	5.13
10,184.4	55.08	179.71	10,049.0	18.9	793.2	-6.3	12.74	12.31	4.13
Wolfcamp A X Sand									
10,237.0	61.58	181.60	10,076.6	-25.8	792.7	38.4	12.74	12.37	3.59
10,331.0	66.59	181.25	10,117.7	-110.3	790.6	122.9	5.34	5.33	-0.37
10,417.2	70.78	178.42	10,149.0	-190.6	790.8	203.2	5.74	4.86	-3.28
Wolfcamp A Y Sand									
10,425.0	71.16	178.17	10,151.5	-198.0	791.0	210.5	5.74	4.89	-3.19
10,519.0	74.95	176.33	10,178.9	-287.8	795.4	300.4	4.45	4.03	-1.96
10,613.0	85.76	179.67	10,194.7	-380.2	798.6	392.9	12.02	11.50	3.55
10,707.0	89.19	181.51	10,198.8	-474.1	797.6	486.7	4.14	3.65	1.96
10,801.0	88.75	181.25	10,200.5	-568.1	795.3	580.6	0.54	-0.47	-0.28
10,896.0	88.26	180.37	10,203.0	-663.0	794.0	675.6	1.06	-0.52	-0.93
10,990.0	89.19	180.11	10,205.1	-757.0	793.6	769.5	1.03	0.99	-0.28
11,084.0	91.30	177.91	10,204.7	-851.0	795.2	863.5	3.24	2.24	-2.34
11,179.0	91.16	177.47	10,202.6	-945.9	799.0	958.4	0.49	-0.15	-0.46
11,273.0	90.24	176.94	10,201.5	-1,039.8	803.6	1,052.4	1.13	-0.98	-0.56
11,367.0	91.03	179.14	10,200.4	-1,133.7	806.8	1,146.4	2.49	0.84	2.34
11,462.0	89.36	178.44	10,200.1	-1,228.7	808.8	1,241.4	1.91	-1.76	-0.74
11,556.0	89.23	177.82	10,201.3	-1,322.6	811.9	1,335.3	0.67	-0.14	-0.66
11,651.0	88.92	177.03	10,202.8	-1,417.5	816.2	1,430.3	0.89	-0.33	-0.83
11,745.0	90.37	176.68	10,203.4	-1,511.4	821.3	1,524.2	1.59	1.54	-0.37
11,839.0	89.27	178.88	10,203.7	-1,605.3	825.0	1,618.2	2.62	-1.17	2.34
11,934.0	86.42	178.79	10,207.2	-1,700.2	826.9	1,713.1	3.00	-3.00	-0.09
12,028.0	87.21	179.05	10,212.5	-1,794.0	828.7	1,806.9	0.88	0.84	0.28
12,122.0	90.86	180.11	10,214.0	-1,888.0	829.4	1,900.9	4.04	3.88	1.13
12,217.0	88.84	178.96	10,214.3	-1,983.0	830.1	1,995.9	2.45	-2.13	-1.21
12,311.0	91.69	179.23	10,213.9	-2,076.9	831.6	2,089.9	3.05	3.03	0.29
12,405.0	90.90	179.32	10,211.7	-2,170.9	832.8	2,183.9	0.85	-0.84	0.10
12,500.0	90.11	178.88	10,210.9	-2,265.9	834.3	2,278.9	0.95	-0.83	-0.46
12,594.0	91.87	178.79	10,209.3	-2,359.9	836.2	2,372.8	1.87	1.87	-0.10
12,688.0	90.86	178.88	10,207.0	-2,453.8	838.1	2,466.8	1.08	-1.07	0.10
12,783.0	92.40	178.88	10,204.3	-2,548.8	840.0	2,561.8	1.62	1.62	0.00
12,877.0	90.24	181.69	10,202.2	-2,642.7	839.5	2,655.7	3.77	-2.30	2.99
12,972.0	87.08	182.04	10,204.4	-2,737.6	836.4	2,750.6	3.35	-3.33	0.37
13,067.0	85.10	181.60	10,210.9	-2,832.4	833.4	2,845.2	2.13	-2.08	-0.46
13,161.0	87.43	180.46	10,217.0	-2,926.1	831.7	2,939.0	2.76	2.48	-1.21
13,256.0	88.22	179.23	10,220.6	-3,021.1	832.0	3,033.9	1.54	0.83	-1.29
13,350.0	91.96	178.17	10,220.5	-3,115.0	834.1	3,127.9	4.14	3.98	-1.13
13,445.0	92.04	179.14	10,217.1	-3,209.9	836.3	3,222.8	1.02	0.08	1.02
13,539.0	89.19	179.58	10,216.1	-3,303.9	837.4	3,316.8	3.07	-3.03	0.47



Intrepid Survey Report



Company:	Tap Rock Resources, LLC	Local Co-ordinate Reference:	Well Cypress 34 Federal #205H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	KB @ 3074.0usft (H&P 312)
Site:	(Cypress) Sec-3_T-24-S_R-29-E	MD Reference:	KB @ 3074.0usft (H&P 312)
Well:	Cypress 34 Federal #205H	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)
13,634.0	89.45	178.88	10,217.3	-3,398.9	838.7	3,411.8	0.79	0.27	-0.74
13,728.0	92.35	179.23	10,215.8	-3,492.9	840.2	3,505.8	3.11	3.09	0.37
13,822.0	92.84	179.05	10,211.5	-3,586.8	841.6	3,599.7	0.56	0.52	-0.19
13,917.0	87.69	179.23	10,211.1	-3,681.7	843.1	3,694.6	5.42	-5.42	0.19
14,011.0	87.69	178.70	10,214.9	-3,775.6	844.8	3,788.6	0.56	0.00	-0.56
14,105.0	90.81	180.37	10,216.1	-3,869.6	845.5	3,882.5	3.76	3.32	1.78
14,199.0	89.98	179.84	10,215.5	-3,963.6	845.3	3,976.5	1.05	-0.88	-0.56
14,294.0	88.22	178.96	10,216.9	-4,058.6	846.3	4,071.5	2.07	-1.85	-0.93
14,388.0	88.75	178.79	10,219.4	-4,152.5	848.2	4,165.5	0.59	0.56	-0.18
14,483.0	87.96	178.96	10,222.2	-4,247.5	850.0	4,260.4	0.85	-0.83	0.18
14,577.0	87.82	178.79	10,225.6	-4,341.4	851.9	4,354.4	0.23	-0.15	-0.18
14,671.0	91.74	180.81	10,226.0	-4,435.3	852.2	4,448.3	4.69	4.17	2.15
14,766.0	89.80	180.19	10,224.7	-4,530.3	851.4	4,543.3	2.14	-2.04	-0.65
14,860.0	89.54	179.49	10,225.2	-4,624.3	851.7	4,637.3	0.79	-0.28	-0.74
14,954.0	88.92	179.58	10,226.5	-4,718.3	852.4	4,731.3	0.67	-0.66	0.10
15,049.0	88.88	179.49	10,228.3	-4,813.3	853.2	4,826.2	0.10	-0.04	-0.09
15,144.0	90.15	178.96	10,229.1	-4,908.3	854.5	4,921.2	1.45	1.34	-0.56
15,215.0	90.15	178.96	10,228.9	-4,979.3	855.8	4,992.2	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP (Cypress 34 Federal #205H) - hit/miss target - Shape	0.00	0.00	10,175.0	201.0	786.0	461,529.00	651,170.00	32° 16' 5.945 N	103° 58' 40.741 W
- actual wellpath misses target center by 212.1usft at 10133.9usft MD (10017.9 TVD, 58.7 N, 792.3 E)									
- Point									
PBHL (Cypress 34 Federal #205H) - hit/miss target - Shape	0.00	179.09	10,175.0	-4,968.0	868.0	456,360.00	651,252.00	32° 15' 14.791 N	103° 58' 39.985 W
- actual wellpath misses target center by 55.4usft at 15204.1usft MD (10229.0 TVD, -4968.4 N, 855.6 E)									
- Point									
LTP (Cypress 34 Federal #205H) - hit/miss target - Shape	0.00	0.00	10,175.0	-4,898.0	867.0	456,430.00	651,251.00	32° 15' 15.484 N	103° 58' 39.994 W
- actual wellpath misses target center by 55.6usft at 15133.4usft MD (10229.2 TVD, -4897.7 N, 854.3 E)									
- Point									
T1 (Cypress 34 Federal #205H) - hit/miss target - Shape	0.00	359.09	10,195.0	12.5	789.0	461,340.53	651,172.99	32° 16' 4.080 N	103° 58' 40.713 W
- actual wellpath misses target center by 122.7usft at 10254.3usft MD (10084.7 TVD, -41.1 N, 792.2 E)									
- Rectangle (sides W100.0 H1,524.0 D20.0)									
T2 (Cypress 34 Federal #205H) - hit/miss target - Shape	0.00	359.09	10,195.0	12.5	789.0	461,340.53	651,172.99	32° 16' 4.080 N	103° 58' 40.713 W
- actual wellpath misses target center by 122.7usft at 10254.3usft MD (10084.7 TVD, -41.1 N, 792.2 E)									
- Rectangle (sides W100.0 H566.0 D20.0)									
T3 (Cypress 34 Federal #205H) - hit/miss target - Shape	0.00	359.09	10,210.0	12.5	789.0	461,340.53	651,172.99	32° 16' 4.080 N	103° 58' 40.713 W
- actual wellpath misses target center by 136.0usft at 10260.9usft MD (10087.7 TVD, -47.0 N, 792.1 E)									
- Rectangle (sides W100.0 H472.0 D20.0)									
T4 (Cypress 34 Federal #205H) - hit/miss target - Shape	0.00	359.09	10,210.0	12.5	789.0	461,340.53	651,172.99	32° 16' 4.080 N	103° 58' 40.713 W
- actual wellpath misses target center by 136.0usft at 10260.9usft MD (10087.7 TVD, -47.0 N, 792.1 E)									
- Rectangle (sides W100.0 H2,419.0 D20.0)									



Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	

Checked By: _____ Approved By: _____ Date: _____

Well Name: CYPRESS 34 FEDERAL	Well Location: T23S / R29E / SEC 34 / NWNW / 32.2677722 / -103.9805278	County or Parish/State: EDDY / NM
Well Number: 205H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM086024, NMNM86024	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547267	Well Status: Drilling Well	Operator: TAP ROCK OPERATING LLC

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 05/31/2021	Time Sundry Submitted: 10:17
Date Operation Actually Began: 05/12/2021	

Actual Procedure: Well spud on 3/7/2021 at 9:15 3/7/2021 TD Reached at 15215 ft MD, 10229 ft TVD. Plug Back Measured depth at 15147 ft MD, 10229 ft TVD. Rig Release on 4/27/2021 at 0:00. 5/12/2021: Pressure test casing to 4950 psi for 30 minutes, good test. 5/13/2021 to 5/21/2021: Perforate from 10224 ft to 15061 ft, 2 SPF, .41 inch holes with 510 total shots. 17 stage frac with 9,392,264 lbs of 100 mesh sand. 5/24/2021 to 5/25/2021: Drill out plugs 5/26/2021: Ready to produce Formation Tops (True Vertical Depth): Formation TVD Rustler 2,996 Top of Salt 3,590 Base of Salt 2,760 Deleware 2,996 Lamar 2,996 Bell 3,028 Ramsey 3,071 Cherry 3,990 Brushy 5,170 Bone Spring 6,829 Upper Avalon 6,933 Middle Avalon 7,239 Lower Avalon 7,617 1st Bone Spring Sand 7,803 2nd Bone Spring Sand 8,412 3rd Bone Spring Sand 9,744 Bone Spring W 9,920 Wolf Camp A X 10,067 Wolf Camp A Y 10,157 Wolfcamp A Lower 10,191 Request for OCD extension of time to file BLM approved Form 3160-4.

Well Name: CYPRESS 34 FEDERAL	Well Location: T23S / R29E / SEC 34 / NWNW / 32.2677722 / -103.9805278	County or Parish/State: EDDY / NM
Well Number: 205H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM086024, NMNM86024	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547267	Well Status: Drilling Well	Operator: TAP ROCK OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: BILL RAMSEY	Signed on: MAY 31, 2021 10:16 AM
Name: TAP ROCK OPERATING LLC	
Title: Regulatory Analyst	
Street Address: 523 PARK POINT DRIVE SUITE 200	
City: GOLDEN	State: CO
Phone: (720) 360-4028	
Email address: BRAMSEY@TAPRK.COM	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 06/23/2021
Signature: Jonathon Shepard	

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
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District III

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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 36182

ACKNOWLEDGMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 36182
	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 36182

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Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 36182
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/31/2021