

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

Form C-101
August 1, 2011
Permit 262472

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address TAP ROCK OPERATING, LLC 602 Park Point Drive Golden, CO 80401		2. OGRID Number 372043
4. Property Code 323012		3. API Number 30-015-45641
5. Property Name PLINY THE ELDER FEE		6. Well No. 202H

7. Surface Location

UL - Lot	E	Section	4	Township	23S	Range	27E	Lot Idn		Feet From	2276	N/S Line	N	Feet From	566	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	E	Section	6	Township	23S	Range	27E	Lot Idn	5	Feet From	1650	N/S Line	N	Feet From	200	E/W Line	W	County	Eddy
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9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3151
16. Multiple N	17. Proposed Depth 19350	18. Formation Wolfcamp	19. Contractor	20. Spud Date 1/31/2019
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	600	600	0
Int1	12.25	9.625	40	2040	705	0
Int2	8.75	7.625	29.7	8370	500	1940
Prod	6.75	5.5	20	8370	0	8370
Prod	6.75	5	18	19350	850	8370

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	1500	
Double Ram	10000	5000	
Blind	10000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Clayton Sporich Title: Vice President - Land & Legal Email Address: csporich@taprk.com Date: 1/17/2019	Approved By: Raymond Podany Title: Geologist Approved Date: 1/18/2019 Expiration Date: 1/18/2021 Conditions of Approval Attached

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102

August 1, 2011

Permit 262472

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-45641	2. Pool Code 98220	3. Pool Name PURPLE SAGE;WOLFCAMP (GAS)
4. Property Code 323012	5. Property Name PLINY THE ELDER FEE	6. Well No. 202H
7. OGRID No. 372043	8. Operator Name TAP ROCK OPERATING, LLC	9. Elevation 3151

10. Surface Location

UL - Lot E	Section 4	Township 23S	Range 27E	Lot Idn	Feet From 2276	N/S Line N	Feet From 566	E/W Line W	County Eddy
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11. Bottom Hole Location If Different From Surface

UL - Lot E	Section 6	Township 23S	Range 27E	Lot Idn 5	Feet From 1650	N/S Line N	Feet From 200	E/W Line W	County Eddy
12. Dedicated Acres 635.88			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

	OPERATOR CERTIFICATION <i>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(s) 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.</i> E-Signed By: Clayton Sporich Title: Vice President - Land & Legal Date: 1/17/2019
	SURVEYOR CERTIFICATION <i>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 and correct to the best of my belief.</i> Surveyed By: Michael Brown Date of Survey: 12/12/2018 Certificate Number: 18329

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Form APD Comments

Permit 262472

PERMIT COMMENTS

Operator Name and Address: TAP ROCK OPERATING, LLC [372043] 602 Park Point Drive Golden, CO 80401		API Number: 30-015-45641
		Well: PLINY THE ELDER FEE #202H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 262472

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: TAP ROCK OPERATING, LLC [372043] 602 Park Point Drive Golden, CO 80401		API Number: 30-015-45641
		Well: PLINY THE ELDER FEE #202H
OCD Reviewer	Condition	
rpodany	Will require a directional survey with the C-104	
rpodany	Cement is required to circulate on both surface and intermediate1 strings of casing	