

**District I**  
1825 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6181 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) 478-3470 Fax:(505) 478-3482

**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 258644

**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 30-015-45642
5. Property Name PLINY THE ELDER FEE		6. Well No. 217H

7. Surface Location									
UL - Lot E	Section 4	Township 23S	Range 27E	Lot Idn	Feet From 2301	N/S Line N	Feet From 567	E/W Line W	County Eddy

8. Proposed Bottom Hole Location									
UL - Lot S	Section 6	Township 23S	Range 27E	Lot Idn S	Feet From 2310	N/S Line N	Feet From 200	E/W Line W	County Eddy

9. Pool Information	
PURPLE SAGE;WOLFCAMP (GAS)	98220

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 19430	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/lb	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	600	600	0
Int1	12.25	9.625	40	2050	700	0
Int2	8.75	7.625	29.7	8450	475	1950
Prod	6.75	5.5	20	8450	0	8450
Prod	6.75	5	18	19430	940	8450

Casing/Cement Program: Additional Comments

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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.		<b>OIL CONSERVATION DIVISION</b>	
Signature:		Approved By: Raymond Podany	
Printed Name: Electronically filed by Clayton Sporich		Title: Geologist	
Title: Vice President - Land & Legal		Approved Date: 1/18/2019	
Email Address: csporich@taprk.com		Expiration Date: 1/18/2021	
Date: 1/17/2019	Phone: 720-772-5093	Conditions of Approval Attached	

Well cannot be spud until new bonding requirements are met.

y  
1.18.2019