

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**EMNRD-OCD ARTESIA**
RECEIVED: 4/2/2020FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM85891
2. Name of Operator TAP ROCK OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: BILL RAMSEY E-Mail: bramsey@taprk.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 602 PARK POINT DRIVE SUITE 200 GOLDEN, CO 80401	3b. Phone No. (include area code) Ph: 720-360-4028	8. Well Name and No. CYPRESS 34 FEDERAL 233H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 3 T24S R29E 241FNL 1171FEL 32.253334 N Lat, 103.967674 W Lon		9. API Well No. 30-015-46119-00-X1
		10. Field and Pool or Exploratory Area PURPLE SAGE-WOLFCAMP (GAS)
		11. County or Parish, State EDDY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

8/4/2019: Drill 17 1/2 inch surface hole to 436 ft. Run 13 3/8 inch 54.5 lb, J55 csg to 426 ft. Pump 20 bbls of freshwater spacer ahead. Pump 560 sks of 14.8 ppg tail cmt. Drop plug and displace cmt/freshwater 58 bbls. Returns to surface. Pressure test casing at 1500 psi for 15 minutes, good test.

9/10/2019: Drill 12 1/4 inch intermediate hole to 3120 ft. Run 9 5/8 inch 40 lb J55 csg to 3100 ft. Pump 20 bbls chemical wash, 20 bbls spacer, followed with 767 sks lead cmt at 12.8 ppg, 306 sks tail cmt at 14.8 ppg. Dropped plug and washed lines with 231 bbls freshwater. Full returns through cement job. Pressure test at 1900 psi, held 30 minutes. Good test.

9/12/2019: Drill 8 3/4 inch intermediate hole to 10337 ft.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #506839 verified by the BLM Well Information System For TAP ROCK OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 03/15/2020 (20PP1605SE)	
Name (Printed/Typed) BILL RAMSEY	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/11/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JONATHON SHEPARD Title PETROLEUM ENGINEER	Date 03/17/2020
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Carlsbad

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Entered 04/13/2020 -KMS NMOCD

Additional data for EC transaction #506839 that would not fit on the form

32. Additional remarks, continued

9/15/2019: Run 7 5/8 inch 29.7 lb P-110 csg to 10317 ft. Pump 20 bbls Chem, 20 bbls spacer, 667 sks lead cmt at 11.5 ppg, 160 sks tail cmt at 13.2 ppg. Displace cmt with 469 bbls of freshwater. Pressure loss, contacted BLM for guidance. Performed total of 75 bbls cement in squeeze job.

9/18/2019: Drill 6 3/4 inch production hole to 16180 ft.

9/26/2019: Run 5 1/2 inch 20 lb P-110 production csg to 9744 feet. Switch over to 5 inch 18.0 lb P-100 production csg and run csg to 16170. Pump 40 bbl MPE spacer, 721 sks tail cmt at 15.8 ppg. Estimated TOC at 9500 ft. Bump plug and displace with 330 bbl brine. Shut in wellhead. Pressure test csg to 7000 psi for 30 minutes, good test.

9/18/2019: TD well at 16180 ft MD and 10870 feet TVD

9/27/2019: Rig Release

10/20/2019: Open well and pressure test casing to 5,000 psi for 30 mins, pressure dropped to 4,880 psi, good test

11/3/2019: Perforate from 10972 ft to 16016 ft with .39 inch and 975 shots and frac with 12,833,385 lbs 100 mesh sand.

11/9/2019: Ready to Produce

Please see attached PDF for casing detail. Requesting exemption to run tubing. Will run tubing when well stops flowing and requires artificial lift.

Revisions to Operator-Submitted EC Data for Sundry Notice #506839

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM85891	NMNM85891
Agreement:		
Operator:	TAP ROCK RESOURCES 602 PARK POINT DRIVE, SUITE 200 GOLDEN, CO 80401 Ph: 720-360-4028	TAP ROCK OPERATING LLC 602 PARK POINT DRIVE SUITE 200 GOLDEN, CO 80401 Ph: 720.772.5090
Admin Contact:	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028
Tech Contact:	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028	BILL RAMSEY REGULATORY ANALYST E-Mail: bramsey@taprk.com Ph: 720-360-4028
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PURPLE SAGE-WOLFCAMP(GAS)	PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	CYPRESS 34 FEDERAL #233H Sec 3 T24S R29E NENE 241FNL 1171FEL	CYPRESS 34 FEDERAL 233H Sec 3 T24S R29E 241FNL 1171FEL 32.253334 N Lat, 103.967674 W Lon

Casing Detail															
Well Name:		Cypress 34 #233H													
Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Depth	Pres Held	Pres Drop	Open Hole
8/4/2019	Surface	FW	17.5	13.375	54.5	J55	0	426	560	1.34	C		1500	0	
9/10/2019	Inter 1	BRINE	12.25	9.625	40	J55	0	3100	1073	1.33	C		1900	0	
9/15/2019	Inter 2	CT BRN	8.75	7.625	29.7	P-110	0	10317	827	1.38	C				
9/26/2019	Prod 1	OB	6.75	5.5	20	P-110	9500	9744	721	1.19	H		1500	0	
9/26/2019	Prod LINER	OB	6.75	5	18	P-110		16170							