

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM85891

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name _____
 7. Unit or CA Agreement Name and No. _____

2. Name of Operator: TAP ROCK OPERATING LLC Contact: BILL RAMSEY
 E-Mail: bramsey@taprk.com

8. Lease Name and Well No.
CYPRESS 34 FEDERAL 246H

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.
30-015-46121-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Sec 3 T24S R29E Mer NMP Lot 1 245FNL 1146FEL 32.253338 N Lat, 103.967598 W Lon
 At top prod interval reported below Sec 34 T23S R29E Mer NMP SWSE 100FSL 1590FEL
 At total depth NWNE 5FNL 1064FWL

10. Field and Pool, or Exploratory
PURPLE SAGE-WOLFCAMP (GAS)
 11. Sec., T., R., M., or Block and Survey or Area Sec 3 T24S R29E Mer NMP
 12. County or Parish EDDY 13. State NM

14. Date Spudded 08/03/2019 15. Date T.D. Reached 10/12/2019 16. Date Completed D & A Ready to Prod. 11/09/2019
 17. Elevations (DF, KB, RT, GL)* 3093 GL

18. Total Depth: MD 15875 TVD 10469 19. Plug Back T.D.: MD 15798 TVD 10473 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	422		560		0	
12.250	9.625 J55	40.0	0	3155		1069		0	
6.750	5.500 P-110	20.0	0	9225		721		7750	
8.750	7.625 P-110	29.7	0	9889		450		0	
6.750	5.000 P-110	18.0	9225	15847					

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

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	10666	15683	10666 TO 15683	0.390	975	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10666 TO 15683	25 STAGE FRAC WITH 12,801,615 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
11/10/2019	11/15/2019	24	→	999.0	3229.0	4355.0	55.0	0.76	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	2300.0	→	999	3229	5355	3232	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 #507217 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED **

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.)
SOLD

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
BRUSHY CANYON	5317				
BONE SPRING 1ST	7952				
BONE SPRING 2ND	8584				
BONE SPRING 3RD	9903				
WOLFCAMP	10239				

32. Additional remarks (include plugging procedure):
Rig Release on 10/15/2019

Will run tubing when well stops flowing and requires artificial lift. Will provide information in sundry if/when tubing is run.

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 #507217 Verified by the BLM Well Information System.
For TAP ROCK OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by DINAH NEGRETE on 06/17/2020 (20DCN0106SE)**

Name (please print) BILL RAMSEY Title REGULATORY ANALYST

Signature _____ (Electronic Submission) Date 03/16/2020

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.

Revisions to Operator-Submitted EC Data for Well Completion #507217

	Operator Submitted	BLM Revised (AFMSS)
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
Well Name: Number:	CYPRESS 34 FEDERAL 246H	CYPRESS 34 FEDERAL 246H
Location:		
State:	NM	NM
County:	EDDY	EDDY
S/T/R:	Sec 3 T24S R29E Mer	Sec 3 T24S R29E Mer NMP
Surf Loc:	NENE Lot 1 245FNL 1146FEL	Lot 1 245FNL 1146FEL 32.253338 N Lat, 103.967598 W Lon
Field/Pool:	PURPLE SAGE-WOLFCAMP (GAS)	PURPLE SAGE-WOLFCAMP (GAS)
Logs Run:	GR	GR
Producing Intervals - Formations:	WOLFCAMP A LOWER	WOLFCAMP
Porous Zones:	BRUSHY CANYON 1ST BONE SPRING SAND 2ND BONE SPRING SAND 3RD BONE SPRING SAND WOLFCAMP A WOLFCAMP A Y SAND WOLFCAMP B	BRUSHY CANYON BONE SPRING 1ST BONE SPRING 2ND BONE SPRING 3RD WOLFCAMP
Markers:		