

Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-48563
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No. V-2884
7. Lease Name or Unit Agreement Name Hyperion State
8. Well Number 223H
9. OGRID Number 372043
10. Pool name or Wildcat WC025 G09 S243310P; UPPER WOLFCAMP
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3652 GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
1. Type of Well: Oil Well [X] Gas Well [] Other []
2. Name of Operator TAP ROCK OPERATING, LLC
3. Address of Operator 523 PARK POINT DR, SUITE 200, GOLDEN, CO 80401
4. Well Location Unit Letter A, 635 feet from the North line and 1220 feet from the East line. Section 20, Township 24S, Range 33E, NMPM, County LEA
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3652 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS [X]
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: Cementing Option [X]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: []

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Tap Rock requests the option of switching to a two stage cement job on the 7-5/8" intermediate casing string with the first stage lead and tail being pumped conventionally with the calculated top of cement to surface. If necessary, the second stage will be performed as a bradenhead squeeze with planned cement from the Brushy Canyon (anticipated loss zone) to surface if cement is not circulated to surface during the first stage. Additionally, a top out consisting of 1,000 sacks of Class C cement will be executed as needed after the first two stages.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Regulatory Analyst DATE 3/22/2021

Type or print name Bill Ramsey E-mail address: bramsey@taprk.com PHONE: 720-238-2787

For State Use Only

APPROVED BY: [Signature] TITLE DATE 03/23/2021
Conditions of Approval (if any):

HYPERION STATE 223H

Section	Drilled Interval			Casing Size	Standard	Tapered	Casing Set Depths				Casing Details					
	Hole Size	Top	Btm				Top MD	Bottom MD	Top TVD	BTM TVD	Grade	Weight	Thread	Collapse	Burst	Tension
Surface	17 1/2	0	1320	13 3/8	API	No	0	1310	0	1310	J-55	54.5	BUTT	1.13	1.15	1.6
Intermediate	9 7/8	1320	9500	7 5/8	API	No	0	9200	0	9160	P-110	29.7	BUTT	1.13	1.15	1.6
	8 3/4	9500	12367	7 5/8	NON API	Yes	9200	12357	9160	12317	P-110	29.7	W-441	1.13	1.15	1.6
Production	6 3/4	12367	17979	5 1/2	NON API	No	0	12157	0	12117	P-110	20	TXP	1.13	1.15	1.6
Production	6 3/4			5 1/2	NON API	No	12157	17979	12117	12953	P-110	20	W-441	1.13	1.15	1.6

Name	Type	Top MD	Sacks	Yield	Cu. Ft	Weight	Excess	Cement	Additives	
Surface	Lead	0	748	1.65	1234	0	100%	0	5% NCI + LCM	
	Tail	850	422	1.35	570	0	100%	0	5% NCI + LCM	
Intermediate	Stage 1	Lead	0	1140	3.86	4400	10.5	100%	C	Fluid Loss + Dispersant + Retarder + LCM
		Tail	11300	125	1.61	201	13.2	100%	C	Fluid Loss + Dispersant + Retarder + LCM
	Stage 2	Squeeze	0	820	3.86	3165	10.5	100%	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
Production	Primary	11857	505	1.71	863	14.2	25%	H	Fluid Loss + Dispersant + Retarder + LCM	

*As a contingency, Tap Rock requests to pump a potential two stage cement job on the 7-5/8" intermediate casing string with the first stage lead and tail being pumped conventionally with the calculated top of cement to surface. The second stage to be performed as a bradenhead squeeze with planned cement from the Brushy Canyon (anticipated loss zone) to surface if cement is not circulated to surface during the first stage. If necessary, a top out consisting of 1,000 sacks of Class C cement will be executed.

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CONDITIONS

Action 21615

CONDITIONS OF APPROVAL

Operator: TAP ROCK OPERATING, LLC Suite 200 Golden, CO80401	523 Park Point Drive	OGRID: 372043	Action Number: 21615	Action Type: C-103A
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OCD Reviewer pkautz	Condition If cement does not come to surface must run CBL or Temp Survey
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