

Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Form C-103 August 1, 2011 Permit 351163																																																																
		WELL API NUMBER 30-025-51577																																																																
		5. Indicate Type of Lease State																																																																
		6. State Oil & Gas Lease No.																																																																
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.)		7. Lease Name or Unit Agreement Name QUEEN KEELY STATE COM																																																																
1. Type of Well: Oil		8. Well Number 111H																																																																
2. Name of Operator TAP ROCK OPERATING, LLC		9. OGRID Number 372043																																																																
3. Address of Operator 523 Park Point Drive, Suite 200, Golden, CO 80401		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>D</u> : <u>929</u> feet from the <u>N</u> line and feet <u>811</u> from the <u>W</u> line Section <u>21</u> Township <u>21S</u> Range <u>33E</u> NMPM County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3737 GR																																																																		
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit Type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____																																																																		
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data <table style="width: 100%;"> <tr> <td colspan="2"> NOTICE OF INTENTION TO: </td> <td colspan="2"> SUBSEQUENT REPORT OF: </td> </tr> <tr> <td> PERFORM REMEDIAL WORK ☐ </td> <td> PLUG AND ABANDON ☐ </td> <td> REMEDIAL WORK ☐ </td> <td> ALTER CASING ☐ </td> </tr> <tr> <td> TEMPORARILY ABANDON ☐ </td> <td> CHANGE OF PLANS ☐ </td> <td> COMMENCE DRILLING OPNS. ☐ </td> <td> PLUG AND ABANDON ☐ </td> </tr> <tr> <td> PULL OR ALTER CASING ☐ </td> <td> MULTIPLE COMPL ☐ </td> <td> CASING/CEMENT JOB ☐ </td> <td></td> </tr> <tr> <td colspan="2"> Other: _____ </td> <td colspan="2"> Other: Drilling/Cement ☒ </td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐	TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐	PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐		Other: _____		Other: Drilling/Cement ☒																																													
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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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion. See attached description of work for Intermediate and Production casing. See Attached 7/28/2023 Spudded well.																																																																		
Casing and Cement Program <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>String</th> <th>Fluid Type</th> <th>Hole Size</th> <th>Csg Size</th> <th>Weight lb/ft</th> <th>Grade</th> <th>Est TOC</th> <th>Dpth Set</th> <th>Sacks</th> <th>Yield</th> <th>Class</th> <th>1" Dpth</th> <th>Pres Held</th> <th>Pres Drop</th> <th>Open Hole</th> </tr> </thead> <tbody> <tr> <td>07/28/23</td> <td>Surf</td> <td>FreshWater</td> <td>14.75</td> <td>11.75</td> <td>42</td> <td>J55</td> <td>0</td> <td>1878</td> <td>915</td> <td>1.34</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>08/06/23</td> <td>Int1</td> <td>Brine</td> <td>11</td> <td>8.625</td> <td>32</td> <td>J55</td> <td>0</td> <td>5591</td> <td>950</td> <td>1.34</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>09/26/23</td> <td>Prod</td> <td>CutBrine</td> <td>7.875</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>0</td> <td>20441</td> <td>2245</td> <td>1.53</td> <td>H</td> <td></td> <td></td> <td></td> <td>N</td> </tr> </tbody> </table>			Date	String	Fluid Type	Hole Size	Csg Size	Weight lb/ft	Grade	Est TOC	Dpth Set	Sacks	Yield	Class	1" Dpth	Pres Held	Pres Drop	Open Hole	07/28/23	Surf	FreshWater	14.75	11.75	42	J55	0	1878	915	1.34	C		1500	0	N	08/06/23	Int1	Brine	11	8.625	32	J55	0	5591	950	1.34	C		1500	0	N	09/26/23	Prod	CutBrine	7.875	5.5	20	P110	0	20441	2245	1.53	H				N
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I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																		
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Queen Keely 112H Intermediate & Production

8/5/2023: Test BOPS. Drill 11 inch intermediate hole to 5600 ft.

8/6/2023: Run 8.625 inch 32 lb J-55 intermediate casing to 5591 ft. Pump 30 bbls water spacer, followed by 655 sks of 11.0 ppg lead cmt, 295 sks of 14.8 ppg tail cmt. Drop plug and displace with 340 bbls fresh water. 58 bbls cement to surface. EST TOC at 0 ft. Pressure test casing to 1500 for 30 minutes, good test.

9/14/2023: Drill 7.875 inch production hole to 20457 ft.

9/26/2023: Run 5.5 inch 20 lb P-110 production casing to 20441 ft MD. Pump 40 bbls water spacer, then 560 sks of 10.5 ppg lead cmt and 1685 sks of 13.2 ppg tail cmt. Drop plug and displace with 20 bbls sugar water then 430 bbls fresh water. 88 bbls returned to surface. Est TOC at 0 ft.

Intermediate Casing Details: Casing ran: 8/6/2023, Fluid Type Brine, 11 inch to 5600 ft, Csg Size 8.625 inch, Weight 32 lbs, Grade J-55, Est TOC 0 ft, Depth set 5591 ft, Cement 950 sks, Yield 3.36lead/1.34 tail, Class C, Pressure Held 1500 psi, Pres Drop 0.

Production Casing details: Casing Date: 9/26/2023, Fluid Type Cut Brine, Hole 7.875 inch to 20457 ft, Csg Size, 5.5 inch, Weight 20 lbs, Grade P-110, Depth set 20441 ft, EST TOC 0 ft, Cement 2245 sacks, yield 4.07 lead/1.53 tail, Class C lead/Class H tail.

9/25/2023: TD Reached at 20457 MD, 10269 ft TVD.
Plug Back Measured depth at 20389 ft MD, 10267 ft TVD.
Rig Release on 9/27/2023 at 14:00.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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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

COMMENTS

Action 351163

COMMENTS

Operator: TAP ROCK OPERATING, LLC 523 Park Point Drive Golden, CO 80401	OGRID: 372043
	Action Number: 351163
	Action Type: [C-103] EP Drilling / Cement

Comments

Created By	Comment	Comment Date
keith.dziokonski	• Report Pressure test for Production Casing on next Sundry	5/8/2025