

Santa Fe Main Office Phone: (505) 476-3441  General Information Phone: (505) 629-6116  Online Phone Directory <a href="https://www.emnrd.nm.gov/oecd/contact-us">https://www.emnrd.nm.gov/oecd/contact-us</a>	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011  Permit 352775																																																																
		WELL API NUMBER 30-025-51589																																																																
		5. Indicate Type of Lease State																																																																
		6. State Oil & Gas Lease No.																																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 191H																																																																
2. Name of Operator TAP ROCK OPERATING, LLC		9. OGRID Number 372043																																																																
3. Address of Operator 1700 Lincoln St, Suite 4700, Denver, CO 80203		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>D</u> : <u>904</u> feet from the <u>N</u> line and feet <u>731</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.) 3735 GR																																																																		
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> 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:            PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>            TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/>            PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/>            Other: _____         </td> <td>           SUBSEQUENT REPORT OF:            REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/>            COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/>            CASING/CEMENT JOB <input type="checkbox"/>            Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/> </td> </tr> </table>			NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> Other: _____		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTER CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/>																																																													
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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 <b>7/29/2023</b> Spudded well.																																																																		
<b>Casing and Cement Program</b> <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>07/30/23</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>1877</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>08/03/23</td> <td>Int1</td> <td>Brine</td> <td>11</td> <td>8.625</td> <td>32</td> <td>J55</td> <td>0</td> <td>5733</td> <td>955</td> <td>1.34</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>10/13/23</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>20897</td> <td>2175</td> <td>1.51</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	07/30/23	Surf	FreshWater	14.75	11.75	42	J55	0	1877	915	1.34	C		1500	0	N	08/03/23	Int1	Brine	11	8.625	32	J55	0	5733	955	1.34	C		1500	0	N	10/13/23	Prod	CutBrine	7.875	5.5	20	P110	0	20897	2175	1.51	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 <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																		
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## Queen Keely 191H Intermediate & Production

8/2/2023: Test BOPS. Drill 11 inch intermediate hole to 5748 ft.

8/3/2023: Run 8.625 inch 32 lb J-55 intermediate casing to 5733 ft. Pump 30 bbls water spacer, followed by 650 sks of 11.0 ppg lead cmt, 305 sks of 14.8 ppg tail cmt. Drop plug and displace with 347 bbls brine. 107 bbls cement to surface. EST TOC at 0 ft. Pressure test casing to 1500 for 30 minutes, good test.

10/7/2023: Drill 7.875 inch production hole to 20917 ft.

10/13/2023: Run 5.5 inch 20 lb P-110 production casing to 20897 ft MD. Pump 40 bbls fresh water, then 470 sks of 10.5 ppg lead cmt and 1705 sks of 13.2 ppg tail cmt. Drop plug and displace with 20 bbls sugar water then 443 bbls fresh water. 48 bbls returned to surface. Est TOC at 0 ft.

Intermediate Casing Details: Casing ran: 8/3/2023, Fluid Type Brine, 11 inch to 5748 ft, Csg Size 8.625 inch, Weight 32 lbs, Grade J-55, Est TOC 0 ft, Depth set 5733 ft, Cement 955 sks, Yield 3.36 lead/1.34 tail, Class C, Pressure Held 1500 psi, Pres Drop 0.

Production Casing details: Casing Date: 10/13/2023, Fluid Type Cut Brine, Hole 7.875 inch to 20917 ft, Csg Size, 5.5 inch, Weight 20 lbs, Grade P-110, Depth set 20897 ft, EST TOC 0 ft, Cement 2175 sacks, yield 4.07 lead/1.51 tail, Class C lead/Class H tail.

10/12/2023: TD Reached at 20917 MD, 10665 ft TVD.  
Plug Back Measured depth at 20846 ft MD, 10665 ft TVD.  
Rig Release on 10/15/2023 at 21:15.

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State of New Mexico  
Energy, Minerals and Natural Resources  
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1220 S. St Francis Dr.  
Santa Fe, NM 87505

COMMENTS

Action 352775

COMMENTS

Operator: TAP ROCK OPERATING, LLC 1700 Lincoln St Denver, CO 80203	OGRID: 372043
	Action Number: 352775
	Action Type: [C-103] EP Drilling / Cement

Comments

Created By	Comment	Comment Date
keith.dziokonski	• Report Pressure test for Production Casing on next Sundry	7/9/2025