

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	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 317967 WELL API NUMBER 30-025-49805 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name MANDELBAUM FEE																																																																
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: O		8. Well Number 122H																																																																
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>O</u> : <u>1054</u> feet from the <u>S</u> line and feet <u>2462</u> from the <u>E</u> line Section <u>11</u> Township <u>24S</u> Range <u>34E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3487 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:</td> <td colspan="2">SUBSEQUENT REPORT OF:</td> </tr> <tr> <td>PERFORM REMEDIAL WORK <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> <td>REMEDIAL WORK <input type="checkbox"/></td> <td>ALTER CASING <input type="checkbox"/></td> </tr> <tr> <td>TEMPORARILY ABANDON <input type="checkbox"/></td> <td>CHANGE OF PLANS <input type="checkbox"/></td> <td>COMMENCE DRILLING OPNS. <input type="checkbox"/></td> <td>PLUG AND ABANDON <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>MULTIPLE COMPL <input type="checkbox"/></td> <td>CASING/CEMENT JOB <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: <u>Drilling/Cement</u> <input checked="" type="checkbox"/></td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTER CASING <input type="checkbox"/>	TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE OF PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>		Other: _____		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. See Attached <u>3/12/2022</u> Spudded well.																																																																		
Casing and Cement Program <table border="1" 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>03/13/22</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>0</td> <td>1213</td> <td>802</td> <td>1.33</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>03/19/22</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>5516</td> <td>1100</td> <td>1.35</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>03/26/22</td> <td>Prod</td> <td>OilBasedMud</td> <td>7.875</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>3912</td> <td>16087</td> <td>1475</td> <td>1.46</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	03/13/22	Surf	FreshWater	17.5	13.375	54.5	J55	0	1213	802	1.33	C		1500	0	N	03/19/22	Int1	CutBrine	12.25	9.625	40	J55	0	5516	1100	1.35	C		1500	0	N	03/26/22	Prod	OilBasedMud	7.875	5.5	20	P110	3912	16087	1475	1.46	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 NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																		
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Mandelbaum Fee 122H Surface, Intermediate and Production Casing

Well spud on 3/12/2022 at 22:00

3/12/2022: Drill 17.5 inch surface hole to 1228 ft.

Run 13.375 inch 54.5 lb J55 surface casing to 1213 ft. Pump 20 bbls fresh water, followed by 712 sks of 13.6 lead cmt, 90 sks of 14.8 ppg tail cmt. Drop plug and displace with 181 bbls brine. 150 bbls of cement returned back to surface. Pressure test casing to 1500 PSI for 30 minutes, good test.

3/16/2022: Test BOPS. Drill 12.25 intermediate hole to 5532 ft.

3/19/2022: Run 9.625 inch 40.00 lb J-55 intermediate casing to 5516 ft. Pump 20 bbls chem wash, 20 bbls vis water, followed by 773 sks of 11.5 ppg lead cmt, 327 sks of 14.8 ppg tail cmt. Drop plug and displace with 415 bbls of freshwater. 200 bbls cement to surface. EST TOC at 0 ft. Pressure test casing to 1500 for 30 minutes, good test.

3/19/2022: Drill 8.75 inch production hole to 10615 ft then switch to 7.875 inch to 16102 ft

3/26/2022: Run 5.5 inch 20 lb P-110 production casing to 16087 ft MD. Pump 50 bbls spacer, then 419 sks of 10.5 ppg lead and 1056 sks of 13.2 ppg tail cmt. Drop plug and displace with 346 bbls brine. 0 bbls returned to surface. Est TOC at 3912 ft.

Surface Casing Details: Casing ran: 3/13/2022, Fluid Type Fresh Water, Hole 17.5 inch, Csg Size 13.375 inch, Weight 54.5 lbs, Grade J55, Est TOC 0 ft, Depth set 1213 ft, Cement 802 sacks, Yield 1.68 lead/1.33 tail, Class C. Pressure test: 1500 PSI, Pressure Drop: 0.

Intermediate Casing Details: Casing ran: 3/19/2022, Fluid Type Brine, Hole 12.25 inch to 5532 ft, Csg Size 9.625 inch, Weight 40lbs, Grade J-55, Est TOC 0 ft, Depth set 5516 ft, Cement 1100 sks, Yield 3.56 lead/1.35 tail, Class C, Pressure Held 1500 psi, Pres Drop 0.

Production Casing details: Casing Date: 3/26/2022, Fluid Type Oil Based Mud, Hole 8.75 inch hole to 10615 ft then switch to 7.875 inch to 19757 ft, Csg Size, 5.5 inch, Weight 20 lbs, Grade P-110, Depth set 16087 ft, EST TOC 3912 ft, Cement 1475 sacks, yield 3.74 lead/1.46 tail, Class H.

3/25/2022: TD Reached at 16102 ft MD, 10566 ft TVD.

Plug Back Measured depth at 16040 ft MD, 10578 ft TVD.

Rig Release on 3/27/2022 at 01:30.