

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 309923 WELL API NUMBER 30-025-48656 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name APOLLO STATE COM																																																																
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 171H																																																																
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>M</u> : <u>888</u> feet from the <u>S</u> line and feet <u>545</u> from the <u>W</u> line Section <u>21</u> Township <u>24S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3534 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: <u>Drilling/Cement</u> ☒</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: <u>Drilling/Cement</u> ☒																																													
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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 <u>1/28/2022</u> 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>01/29/22</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>1254</td> <td>1055</td> <td>1.32</td> <td>C</td> <td></td> <td></td> <td></td> <td>N</td> </tr> <tr> <td>02/18/22</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>5232</td> <td>1130</td> <td>1.33</td> <td>C</td> <td></td> <td>1650</td> <td>0</td> <td>N</td> </tr> <tr> <td>02/27/22</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>1590</td> <td>19876</td> <td>1435</td> <td>1.5</td> <td>C</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	01/29/22	Surf	FreshWater	17.5	13.375	54.5	J55	0	1254	1055	1.32	C				N	02/18/22	Int1	Brine	12.25	9.625	40	J55	0	5232	1130	1.33	C		1650	0	N	02/27/22	Prod	OilBasedMud	8.75	5.5	20	P110	1590	19876	1435	1.5	C				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 ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .																																																																		
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Apollo State Com 171H – Intermediate and Production

2/16/2022: Test BOPS. Drill 12.25 intermediate hole to 5247 ft.

2/18/2022: Run 9.625 inch 40.00 lb J-55 intermediate casing to 5232 ft. Pump 20 bbls fresh water, followed by 810 sks of 11.0 ppg lead cmt, 320 sks of 14.8 ppg tail cmt. Drop plug and displace with 394 bbls of fresh water. 144 bbls cement to surface. EST TOC at 0 ft. Pressure test casing to 1650 for 30 minutes, good test.

2/18/2022: Drill 8.75 inch production hole to 9000 ft then switch to 6.75 inch to 19820 ft

2/27/2022: Run 5.5 inch 20 lb P-110 production casing to 19876 ft MD. Pump 20 bbls fresh water, then 385 sks of 10.5 ppg lead and 1050 sks of 13.2 ppg tail cmt. Drop plug and displace with 20 bbls sugar water, 418 bbls fresh water. 0 bbls returned to surface. Est TOC at 1590 ft.

Intermediate Casing Details: Casing ran: 2/18/2022, Fluid Type Brine, Hole 12.25 inch to 5247 ft, Csg Size 9.625 inch, Weight 40lbs, Grade J-55, Est TOC 0 ft, Depth set 5232 ft, Cement 1130 sks, Yield 3.15 lead/1.33 tail, Class C, Pressure Held 1650 psi, Pres Drop 0.

Production Casing details: Casing Date: 2/27/2022, Fluid Type Oil Based Mud, Hole 8.75 inch hole to 9000 ft then switch to 6.75 inch to 19820 ft, Csg Size, 5.5 inch, Weight 20 lbs, Grade P-110, Depth set 19876 ft, EST TOC 1590 ft, Cement 1435 sacks, yield 3.87 lead/1.50 tail, Class C.

2/24/2022: TD Reached at 19820 ft MD, 9538 ft TVD.
Plug Back Measured depth at 19752 ft MD, 9542 ft TVD.
Rig Release on 2/127/2022 at 09:30.