

| 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 279842 WELL API NUMBER 30-025-45843 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name ZEUS STATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|--|---|--|---|--|----------|--------------|-------|---------|----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------|------------|------|--------|------|-----|---|------|------|------|---|--|--|--|--|----------|------|-------|-------|-------|----|-----|---|------|------|------|---|--|--|--|--|----------|------|-------------|------|-----|----|------|------|-------|------|------|---|--|--|--|--|
| 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.) | | 8. Well Number 106H 9. OGRID Number 372043 10. Pool name or Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Type of Well: O | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Name of Operator TAP ROCK OPERATING, LLC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Address of Operator 602 Park Point Drive, Suite 200, Golden, CO 80401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Well Location Unit Letter <u>O</u> : <u>581</u> feet from the <u>S</u> line and feet <u>1828</u> from the <u>E</u> line Section <u>9</u> Township <u>24S</u> Range <u>33E</u> NMPM _____ County <u>Lea</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.) 3617 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 NOTICE OF INTENTION TO: <table style="width:100%; border: none;"> <tr> <td style="width:50%; border: none;"> PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> Other: _____ </td> <td style="width:50%; border: none;"> PLUG AND ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> </td> </tr> </table> SUBSEQUENT REPORT OF: <table style="width:100%; border: none;"> <tr> <td style="width:50%; border: none;"> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> </td> <td style="width:50%; border: none;"> ALTER CASING <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> </td> </tr> </table> | | | PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> Other: _____ | PLUG AND ABANDON <input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> Other: <u>Drilling/Cement</u> | ALTER CASING <input type="checkbox"/> PLUG AND ABANDON <input 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. 11/5/2019 TD well at 14382' MD and 9435' TVD. 11/6/2019: Rig Release. 2/19/2020 to 2/29/2020: Perforate from 9323' to 14243', 3 spf at .39 inch holes with 975 total shots. 25 stage frac with 12,664,820 lbs 100 mesh sand. 3/2/2020 to 3/6/2020: Drill out plugs; Plug back depth at 14329' 3/7/2020: Ready to Produce. 10/26/2019 Spudded well. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse; font-size: small;"> <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>10/26/19</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>1302</td> <td>1195</td> <td>1.72</td> <td>C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10/29/19</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>5281</td> <td>1355</td> <td>1.33</td> <td>C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11/06/19</td> <td>Prod</td> <td>OilBasedMud</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>P110</td> <td>3233</td> <td>14375</td> <td>2315</td> <td>1.26</td> <td>C</td> <td></td> <td></td> <td></td> <td></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 | 10/26/19 | Surf | FreshWater | 17.5 | 13.375 | 54.5 | J55 | 0 | 1302 | 1195 | 1.72 | C | | | | | 10/29/19 | Int1 | Brine | 12.25 | 9.625 | 40 | J55 | 0 | 5281 | 1355 | 1.33 | C | | | | | 11/06/19 | Prod | OilBasedMud | 8.75 | 5.5 | 20 | P110 | 3233 | 14375 | 2315 | 1.26 | C | | | | |
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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"/> . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGNATURE <u>Electronically Signed</u> TITLE <u>Regulatory Manager</u> DATE <u>3/24/2020</u> Type or print name <u>Christian Combs</u> E-mail address <u>ccombs@taprk.com</u> Telephone No. <u>720-360-4028</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| For State Use Only: APPROVED BY: <u>Paul F Kautz</u> TITLE <u>Geologist</u> DATE <u>3/24/2020 3:58:14 PM</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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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

Permit 279842

DRILLING COMMENTS

| | |
|--|-----------------------|
| Operator: TAP ROCK OPERATING, LLC 602 Park Point Drive Golden, CO 80401 | OGRID: 372043 |
| | Permit Number: 279842 |
| | Permit Type: Drilling |

Comments

| Created By | Comment | Comment Date |
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There are no Comments for this Permit