

| 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 269017 WELL API NUMBER 30-015-45531 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name SRO 5 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 504H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Name of Operator COG OPERATING LLC | | 9. OGRID Number 229137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Address of Operator 600 W Illinois Ave, Midland, TX 79701 | | 10. Pool name or Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Well Location Unit Letter <u>A</u> : <u>314</u> feet from the <u>N</u> line and feet <u>895</u> from the <u>E</u> line Section <u>5</u> Township <u>26S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.) 3007 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 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 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: _____ </div> <div style="width: 45%;"> 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"/> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. 2/18/19 Spud well. TD 17 1/2" surface hole @ 700'. Set 13 3/8" 54.5# J-55 BTC csg @ 700'. Cmt w/300 sx lead. Tailed in w/325 sx. Circ 236 sx to surface. WOC 4 hrs. Suspend operations. 6/1/19 Resume operations. Test BOP. Test csg to 1500# for 30 minutes. 6/3/19 TD 12 1/4" intermediate hole @ 2420'. Set 9 5/8" 40# J-55 BTC csg @ 2420'. Cmt w/650 sx lead. Tailed in w/230 sx. Circ 230 sx to surface. WOC 8 hrs. Test BOP. Test csg to 1500# for 30 minutes. 6/18/19 TD 8 3/4" lateral @ 18157" (KOP @ 7794'). Set 5 1/2" 17# P-110RYCC CDC-HTQ csg @ 18132'. Cmt w/820 sx lead. Tailed in w/2665 sx. 2/18/2019 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>02/19/19</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>29</td> <td>700</td> <td>625</td> <td>1.35</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/03/19</td> <td>Int1</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>2420</td> <td>880</td> <td>1.73</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>06/24/19</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>5.5</td> <td>17</td> <td>P110</td> <td>0</td> <td>18132</td> <td>3485</td> <td>1.44</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 | 02/19/19 | Surf | FreshWater | 17.5 | 13.375 | 54.5 | J55 | 29 | 700 | 625 | 1.35 | C | | 1500 | 0 | N | 06/03/19 | Int1 | FreshWater | 12.25 | 9.625 | 40 | J55 | 0 | 2420 | 880 | 1.73 | C | 0 | 1500 | 0 | N | 06/24/19 | Prod | FreshWater | 8.75 | 5.5 | 17 | P110 | 0 | 18132 | 3485 | 1.44 | C | | | | N |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02/19/19 | Surf | FreshWater | 17.5 | 13.375 | 54.5 | J55 | 29 | 700 | 625 | 1.35 | C | | 1500 | 0 | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06/03/19 | Int1 | FreshWater | 12.25 | 9.625 | 40 | J55 | 0 | 2420 | 880 | 1.73 | C | 0 | 1500 | 0 | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06/24/19 | Prod | FreshWater | 8.75 | 5.5 | 17 | P110 | 0 | 18132 | 3485 | 1.44 | C | | | | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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"/> . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SIGNATURE Type or print name </div> <div style="width: 30%;"> <u>Electronically Signed</u> <u>Diane Kuykendall</u> </div> <div style="width: 30%;"> TITLE E-mail address </div> <div style="width: 30%;"> <u>Production Accounting Director</u> <u>dkuykendall@concho.com</u> </div> <div style="width: 20%;"> DATE Telephone No. </div> <div style="width: 20%;"> <u>6/25/2019</u> <u>432-685-4372</u> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| For State Use Only: <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> APPROVED BY: </div> <div style="width: 30%;"> <u>Raymond Podany</u> </div> <div style="width: 30%;"> TITLE <u>Geologist</u> </div> <div style="width: 20%;"> DATE <u>6/27/2019 2:10:16 PM</u> </div> </div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

Comments

Permit 269017

DRILLING COMMENTS

| | |
|---|--------------------------|
| Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701 | OGRID: 229137 |
| | Permit Number: 269017 |
| | Permit Type: Drilling |

Comments

| Created By | Comment | Comment Date |
|------------|---------|--------------|
|------------|---------|--------------|

There are no Comments for this Permit