

| District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 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 221509 WELL API NUMBER 30-025-42945 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name VAST 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.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Type of Well: O | | 8. Well Number 004H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Name of Operator COG OPERATING LLC | | 9. OGRID Number 229137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Address of Operator One Concho Center, 600 W. Illinois Ave, Midland, TX 79701 | | 10. Pool name or Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Well Location Unit Letter O : 210 feet from the S line and feet 1650 from the E line Section 17 Township 26S Range 33E NMPM County Lea | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.) 3263 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: Drilling/Cement <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: Drilling/Cement <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. 5/9/16 TD 8 3/4" lateral @ 13893' (KOP @ 8760'). Set 5 1/2" 17# P-110 csg @ 13873'. Cmt w/850 sx Class H. Tailed in w/1200 sx. DNC. Calc TOC @ 645'. 5/11/16 Rig released. 4/28/2016 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>04/28/16</td> <td>Surf</td> <td></td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>0</td> <td>840</td> <td>650</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>05/01/16</td> <td>Int1</td> <td></td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>0</td> <td>4875</td> <td>1400</td> <td></td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td></td> </tr> <tr> <td>05/10/16</td> <td>Prod</td> <td></td> <td>8.75</td> <td>5.5</td> <td>17</td> <td>P110</td> <td>645</td> <td>13873</td> <td>2050</td> <td></td> <td>H</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 | 04/28/16 | Surf | | 17.5 | 13.375 | 54.5 | J55 | 0 | 840 | 650 | | C | | 1500 | 0 | | 05/01/16 | Int1 | | 12.25 | 9.625 | 40 | J55 | 0 | 4875 | 1400 | | C | | 1500 | 0 | | 05/10/16 | Prod | | 8.75 | 5.5 | 17 | P110 | 645 | 13873 | 2050 | | H | | | | |
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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"/> . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table style="width:100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Production Reporting Mgr</u></td> <td>DATE</td> <td><u>5/24/2016</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Diane Kuykendall</u></td> <td>E-mail address</td> <td><u>production@concho.com</u></td> <td>Telephone No.</td> <td><u>432-683-7443</u></td> </tr> </table> | | | SIGNATURE | <u>Electronically Signed</u> | TITLE | <u>Production Reporting Mgr</u> | DATE | <u>5/24/2016</u> | Type or print name | <u>Diane Kuykendall</u> | E-mail address | <u>production@concho.com</u> | Telephone No. | <u>432-683-7443</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| For State Use Only: APPROVED BY: <u>Paul Kautz</u> TITLE <u>Geologist</u> DATE <u>5/31/2016 11:04:17 AM</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 221509

DRILLING COMMENTS

| | |
|--|--------------------------|
| Operator: COG OPERATING LLC One Concho Center Midland, TX 79701 | OGRID: 229137 |
| | Permit Number: 221509 |
| | Permit Type: Drilling |

Comments

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