

| 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 208903 WELL API NUMBER 30-025-42622 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name DOG BAR 11 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 003H | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Name of Operator MANZANO LLC | | 9. OGRID Number 231429 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Address of Operator PO BOX 2107, ROSWELL, NM 882022107 | | 10. Pool name or Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Well Location Unit Letter <u>M</u> : <u>200</u> feet from the <u>S</u> line and feet <u>1100</u> from the <u>W</u> line Section <u>11</u> Township <u>14S</u> Range <u>38E</u> NMPM County <u>Lea</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.) 3770 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. RUN 51 JOINTS OF 9 5/8" 36#/FT J-55 CASING TO 2287' & CEMENT WITH 600 SACKS CLASS C w/3% GEL (WEIGHT=13.5 & YIELD=1.73) + 300 SACKS CLASS C NEAT (WEIGHT=14.7 & YIELD=1.33), PLUG DOWN @ 9:30am ON 7/1/15, CIRCULATED 205 SACKS TO SURFACE, NIPPLE UP BOPE & TEST TO 200# LOW/1000# HIGH WITH RIG PUMPS PICK UP 7 7/8" BIT & START DRILLING NEW FORMATION @ 2:30pm ON 7/2/15 DRILL 7 7/8" HOLE TO KOP @ 4825', PICK UP CURVE ASSEMBLY 7 BUILD CURVE TO 5725'/MD/5409'TVD, DRILL 7 7/8" LATERAL TO 9948'/MD/5409'TVD RUN 229 JOINTS 5 1/2" 20#/FT J-55 CASING TO 9948' & CEMENT WITH 1000 SACKS 50/50 POZ C (WEIGHT=11.8 & 6/29/2015 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>07/01/15</td> <td>Surf</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>2287</td> <td>900</td> <td>1.33</td> <td>C</td> <td>0</td> <td>1000</td> <td>0</td> <td>Y</td> </tr> <tr> <td>07/09/15</td> <td>Prod</td> <td>Brine</td> <td>7.875</td> <td>5.5</td> <td>20</td> <td>J55</td> <td>0</td> <td>9948</td> <td>2000</td> <td>1.26</td> <td>C</td> <td>0</td> <td>1000</td> <td>0</td> <td>Y</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 | 07/01/15 | Surf | FreshWater | 12.25 | 9.625 | 36 | J55 | 0 | 2287 | 900 | 1.33 | C | 0 | 1000 | 0 | Y | 07/09/15 | Prod | Brine | 7.875 | 5.5 | 20 | J55 | 0 | 9948 | 2000 | 1.26 | C | 0 | 1000 | 0 | Y |
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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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| For State Use Only: <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Paul Kautz</u></td> <td>TITLE</td> <td><u>Geologist</u></td> <td>DATE</td> <td><u>8/25/2015 11:24:17 AM</u></td> </tr> </table> | | | APPROVED BY: | <u>Paul Kautz</u> | TITLE | <u>Geologist</u> | DATE | <u>8/25/2015 11:24:17 AM</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

Comments
Permit 208903

DRILLING COMMENTS

| | |
|---|--------------------------|
| Operator: MANZANO LLC PO BOX 2107 ROSWELL , NM 882022107 | OGRID: 231429 |
| | Permit Number: 208903 |
| | Permit Type: Drilling |

Comments

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