

| 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 195213 WELL API NUMBER 30-015-42250 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name SANDIA 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 001 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Name of Operator MACK ENERGY CORP | | 9. OGRID Number 13837 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Address of Operator PO Box 960, 11344 Lovington Hwy, Artesia, NM 88211 | | 10. Pool name or Wildcat | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Well Location Unit Letter <u>A</u> : <u>175</u> feet from the <u>N</u> line and feet <u>1105</u> from the <u>E</u> line Section <u>15</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>Eddy</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11. Elevation (Show whether DR, KB, BT, GR, etc.) 3108 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. 10/24/14 Spud 17 1/2" @ 6am. TD 17 1/2" @ 421'. RIH 10jts 13 3/8", 48#, J-55 ST&C @ 421. Cmt w/ 420sx CC 2%, pd @ 10:48pm, circ 108sx. WOC 18 hrs tst csg to 1800# for 30 mins. 10/27/14 TD 12 1/4" @ 2058'. RIH 48jts 9 5/8, 36# J55 ST&C @ 2045'. Cmt w/ 440sx cc 4%. Tail 200sx CC 1%, pd 7:20pm, circ 32sx. WOC 12hs tst csg to 600# for 30 mins. 11/2/14 TD 8 3/4" @ 9270'. RIH 39jts 7" 26# HCP-110 LT&C 1685.16' & 190jts 7" 26# L-80 LT&C @ 9270'. Stage #1 575sx PVL, pd @ 9:44pm, circ 246sx. Stage #2 560sx 35/65 POZ C, tail 270sx PVL, pd @ 3:44pm, circ 300sx. WOC 12 hrs tst csg 600# for 20 mins. 10/24/2014 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>10/24/14</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>48</td> <td>J55</td> <td>0</td> <td>421</td> <td>420</td> <td></td> <td>C</td> <td></td> <td>1800</td> <td></td> <td>N</td> </tr> <tr> <td>10/27/14</td> <td>Int1</td> <td>CutBrine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J55</td> <td>0</td> <td>2058</td> <td>640</td> <td></td> <td>C</td> <td></td> <td>600</td> <td></td> <td>N</td> </tr> <tr> <td>11/02/14</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>7</td> <td>26</td> <td>HCP110</td> <td>0</td> <td>9270</td> <td>575</td> <td></td> <td>PVL</td> <td></td> <td>600</td> <td></td> <td>N</td> </tr> <tr> <td>11/02/14</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>7</td> <td>26</td> <td>HCP110</td> <td>0</td> <td>9270</td> <td>830</td> <td></td> <td>POZ</td> <td></td> <td>600</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 | 10/24/14 | Surf | FreshWater | 17.5 | 13.375 | 48 | J55 | 0 | 421 | 420 | | C | | 1800 | | N | 10/27/14 | Int1 | CutBrine | 12.25 | 9.625 | 36 | J55 | 0 | 2058 | 640 | | C | | 600 | | N | 11/02/14 | Prod | CutBrine | 8.75 | 7 | 26 | HCP110 | 0 | 9270 | 575 | | PVL | | 600 | | N | 11/02/14 | Prod | CutBrine | 8.75 | 7 | 26 | HCP110 | 0 | 9270 | 830 | | POZ | | 600 | | N |
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| 11/02/14 | Prod | CutBrine | 8.75 | 7 | 26 | HCP110 | 0 | 9270 | 575 | | PVL | | 600 | | 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 <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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State of New Mexico
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Comments
Permit 195213

DRILLING COMMENTS

| | |
|--|--------------------------|
| Operator: MACK ENERGY CORP PO Box 960 Artesia, NM 88211 | OGRID: 13837 |
| | Permit Number: 195213 |
| | Permit Type: Drilling |

Comments

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