

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 279784 WELL API NUMBER 30-015-46298 5. Indicate Type of Lease S 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name LADY FRANKLIN 25 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 121H 9. OGRID Number 371449 10. Pool name or Wildcat																																																																																																
1. Type of Well: O																																																																																																		
2. Name of Operator COLGATE OPERATING, LLC																																																																																																		
3. Address of Operator 306 W Wall Street, Suite 500, Midland, TX 79701																																																																																																		
4. Well Location Unit Letter <u>D</u> : <u>1000</u> feet from the <u>N</u> line and feet <u>265</u> from the <u>W</u> line Section <u>25</u> Township <u>19S</u> Range <u>28E</u> NMPM _____ County <u>Eddy</u>																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3358 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: 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: _____ 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"/>																																																																																																		
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. 3/14/20- Run, set and cemented production casing. Cement job had full returns throughout placement of cement with a trace of spacer to surface at plug bump resulting in an estimated TOC of 1,075' from surface. Additives- Fluid #1: Spacer Sweep w/ 10 lbm/gal Tuned Prime Spacer, 0.25 lbm/bbl FE-2, 0.3 gal/bbl D-AIR 3000L, 64.55 lbm/bbl Barite; Fluid #2: 11.5 ppg Lead Slurry w/ NeoCem TM, 4.06 lbm/sk BRIDGEMAKER II LCM; Fluid #3: 12.5 ppg Tail Slurry w/ NeoCem TM3/4/2020 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 Type</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>03/05/20</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>30</td> <td>334</td> <td>400</td> <td>1.35</td> <td>C</td> <td></td> <td>910</td> <td>0</td> <td>Y</td> </tr> <tr> <td>03/07/20</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>28</td> <td>3027</td> <td>220</td> <td>2.81</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>03/07/20</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>J55</td> <td>2210</td> <td>3027</td> <td>220</td> <td>1.33</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>03/14/20</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>HCP110</td> <td>1075</td> <td>12517</td> <td>670</td> <td>2.33</td> <td>C</td> <td>0</td> <td></td> <td></td> <td>Y</td> </tr> <tr> <td>03/14/20</td> <td>Prod</td> <td>FreshWater</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>HCP110</td> <td>7063</td> <td>12517</td> <td>1030</td> <td>1.68</td> <td>C</td> <td>0</td> <td></td> <td></td> <td>Y</td> </tr> </tbody> </table>			Date	String Type	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	03/05/20	Surf	FreshWater	17.5	13.375	54.5	J55	30	334	400	1.35	C		910	0	Y	03/07/20	Int1	Brine	12.25	9.625	40	J55	28	3027	220	2.81	C		1500	0	Y	03/07/20	Int1	Brine	12.25	9.625	40	J55	2210	3027	220	1.33	C		1500	0	Y	03/14/20	Prod	FreshWater	8.75	5.5	20	HCP110	1075	12517	670	2.33	C	0			Y	03/14/20	Prod	FreshWater	8.75	5.5	20	HCP110	7063	12517	1030	1.68	C	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"/> .																																																																																																		
SIGNATURE <u>Electronically Signed</u> TITLE <u>Operations Tech</u> DATE <u>3/23/2020</u> Type or print name <u>Mikah Thomas</u> E-mail address <u>mthomas@colgateenergy.com</u> Telephone No. <u>432-695-4272</u>																																																																																																		
For State Use Only: APPROVED BY: <u>Raymond Podany</u> TITLE <u>Geologist</u> DATE <u>3/25/2020 7:43:17 AM</u>																																																																																																		

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District III
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District IV
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 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 279784

DRILLING COMMENTS

Operator: COLGATE OPERATING, LLC 306 W Wall Street Midland, TX 79701	OGRID: 371449
	Permit Number: 279784
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
mikahtomas	We have not tested the casing string yet (completions will test it once the rig has moved off	3/23/2020