

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 292115 WELL API NUMBER 30-015-46357 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.)																																																																																																		
1. Type of Well: O		8. Well Number 133H																																																																																																
2. Name of Operator COLGATE OPERATING, LLC		9. OGRID Number 371449																																																																																																
3. Address of Operator 300 North Marienfeld Street, Suite 1000, Midland, TX 79701		10. Pool name or Wildcat																																																																																																
4. Well Location Unit Letter <u>L</u> : <u>1336</u> feet from the <u>S</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.) 3335 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"/>																																																																													
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"/>																																																																																																
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. See Attached 1/21/2021 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>01/21/21</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J-55</td> <td>33</td> <td>337</td> <td>414</td> <td>1.36</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>01/23/21</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J-55</td> <td>32</td> <td>3026</td> <td>486</td> <td>2.97</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>01/23/21</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>J-55</td> <td>2269</td> <td>3026</td> <td>208</td> <td>1.33</td> <td>C</td> <td></td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>01/30/21</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>HCP110</td> <td>45</td> <td>13592</td> <td>698</td> <td>2.71</td> <td>H</td> <td></td> <td></td> <td></td> <td>Y</td> </tr> <tr> <td>01/30/21</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>5.5</td> <td>20</td> <td>HCP110</td> <td>7950</td> <td>13592</td> <td>896</td> <td>1.94</td> <td>H</td> <td></td> <td></td> <td></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	01/21/21	Surf	FreshWater	17.5	13.375	54.5	J-55	33	337	414	1.36	C		1500	0	Y	01/23/21	Int1	Brine	12.25	9.625	36	J-55	32	3026	486	2.97	C		1500	0	Y	01/23/21	Int1	Brine	12.25	9.625	36	J-55	2269	3026	208	1.33	C		1500	0	Y	01/30/21	Prod	CutBrine	8.75	5.5	20	HCP110	45	13592	698	2.71	H				Y	01/30/21	Prod	CutBrine	8.75	5.5	20	HCP110	7950	13592	896	1.94	H				Y
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																																																																																			
01/21/21	Surf	FreshWater	17.5	13.375	54.5	J-55	33	337	414	1.36	C		1500	0	Y																																																																																			
01/23/21	Int1	Brine	12.25	9.625	36	J-55	32	3026	486	2.97	C		1500	0	Y																																																																																			
01/23/21	Int1	Brine	12.25	9.625	36	J-55	2269	3026	208	1.33	C		1500	0	Y																																																																																			
01/30/21	Prod	CutBrine	8.75	5.5	20	HCP110	45	13592	698	2.71	H				Y																																																																																			
01/30/21	Prod	CutBrine	8.75	5.5	20	HCP110	7950	13592	896	1.94	H				Y																																																																																			
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"/> .																																																																																																		
<table style="width:100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Operations Tech</u></td> <td>DATE</td> <td><u>3/12/2021</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Mikah Thomas</u></td> <td>E-mail address</td> <td><u>mthomas@colgateenergy.com</u></td> <td>Telephone No.</td> <td><u>432-695-4272</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Operations Tech</u>	DATE	<u>3/12/2021</u>	Type or print name	<u>Mikah Thomas</u>	E-mail address	<u>mthomas@colgateenergy.com</u>	Telephone No.	<u>432-695-4272</u>																																																																																				
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Operations Tech</u>	DATE	<u>3/12/2021</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: <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Kurt Simmons</u></td> <td>TITLE</td> <td><u>Petroleum Specialist - A</u></td> <td>DATE</td> <td><u>3/15/2021 11:29:29 AM</u></td> </tr> </table>			APPROVED BY:	<u>Kurt Simmons</u>	TITLE	<u>Petroleum Specialist - A</u>	DATE	<u>3/15/2021 11:29:29 AM</u>																																																																																										
APPROVED BY:	<u>Kurt Simmons</u>	TITLE	<u>Petroleum Specialist - A</u>	DATE	<u>3/15/2021 11:29:29 AM</u>																																																																																													

(1/21/2021) Spud 17:15. TD 17-1/2" hole @ 347'. RIH w/ 7 joints 13-3/8" 54.5# J-55 BTC csg, set @ 337'. Tail w/ 414 sx Premium Plus + 2% CaCl₂ + 2# Kol-Seal, yld 1.36 cu ft/sk. Disp. w/ 39.2 bbls. Circ 103.2 sx cement to surface.

PT BOPE 250/5,000 psi, held each test for 10 mins, Good. 1/22/2021 PT 13-3/8" csg to 1,500 psi for 30 mins, Good.

(1/23/2021) TD 12-1/4" hole @ 3,026'. RIH w/ 73 joints 9-5/8" 36# J-55 BTC csg, set @ 3,026'. Lead w/ 486 sx Mid-Con Lite + 3% Salt + 10% Gel + 2# Kol-Seal + 0.7% CFL-19 + 4% STE-1 + 1% XPC-1 + 2% CAS-1, yld 2.97 cu ft/sk. Tail w/ 208 sx Premium Plus + 0.2% CR-1, yld 1.33 cu ft/sk. Disp. w/ 236 bbls. Circ 164 sx cement to surface. 1/24/2021 PT 9-5/8" csg to 1,500 psi for 30 mins, Good.

(1/29/2021) TD 8-3/4" hole @ 13,607'. RIH w/ 315 joints 5-1/2" 20# HC P-110 CDC HTQ csg, set @ 13,592' MD. Lead w/ 698 sx Premium Plus 50/50 Poz + 5% Salt + 10% Gel + 0.2% CAS-1 + 0.2% CFL-2 + 0.3% CR-1 + 0.2% CDF-2, yld 2.71 cu ft/sk. Tail w/ 896 sx Premium Plus 50/50 Poz + 3% Salt + 2% Gel + 0.3% CAS-2 + 0.3% CFL-19 + 0.1% CR-1 + 6% STE-1 + 0.2% CDF-2, yld 1.94 cu ft/sk. Disp. w/ 302.6 bbls. No cement circulated to surface. PT for 5-1/2 csg. will be completed during completions.

1/30/2021 PBTD 13,505' MD/8,828' TVD 1/30/2021 RR @ 22:00.

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 292115

DRILLING COMMENTS

Operator: COLGATE OPERATING, LLC 300 North Marienfeld Street Midland, TX 79701	OGRID: 371449
	Permit Number: 292115
	Permit Type: Drilling

Comments

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

There are no Comments for this Permit