

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 273705 <hr/> WELL API NUMBER 30-025-45289 <hr/> 5. Indicate Type of Lease S <hr/> 6. State Oil & Gas Lease No. <hr/> 7. Lease Name or Unit Agreement Name LENNOX 34 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 001H																																																																																																																																																
2. Name of Operator CAZA OPERATING, LLC		9. OGRID Number 249099																																																																																																																																																
3. Address of Operator 200 N Loraine St, Suite 1550, Midland, TX 79701		10. Pool name or Wildcat																																																																																																																																																
4. Well Location Unit Letter <u>M</u> : <u>240</u> feet from the <u>S</u> line and feet <u>990</u> from the <u>W</u> line Section <u>34</u> Township <u>22S</u> Range <u>35E</u> NMPM _____ County <u>Lea</u>																																																																																																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3523 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 <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 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: _____ </div> <div style="width: 45%;"> 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"/> </div> </div>																																																																																																																																																		
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. 09/04/2019 17.5" hole to 1940'. Ran 13.375" 54.5# J55 STC casing, cement with Lead 1020sx 12.9ppg Class C with 4% gel + CaCl2 + Cellophane + Defaomer. and Tail 310sx 14.8ppg neat Class C. Circulate 462sx to surface. Test casing to 800psi and hold for 30 mins, good. See Attached 9/2/2019 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</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>09/04/19</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>0</td> <td>1936</td> <td>1020</td> <td>1.97</td> <td>c</td> <td></td> <td>800</td> <td>0</td> <td>N</td> </tr> <tr> <td>09/04/19</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>54.5</td> <td>J55</td> <td>1636</td> <td>1936</td> <td>310</td> <td>1.32</td> <td>c</td> <td></td> <td>800</td> <td>0</td> <td>N</td> </tr> <tr> <td>08/11/19</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>j55</td> <td>0</td> <td>1882</td> <td>745</td> <td>2.36</td> <td>c</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>09/09/19</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>L80</td> <td>1882</td> <td>5086</td> <td>745</td> <td>2.36</td> <td>c</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>09/09/19</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>HCL80</td> <td>5086</td> <td>5896</td> <td>350</td> <td>2.36</td> <td>c</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>09/09/19</td> <td>Int1</td> <td>Brine</td> <td>12.25</td> <td>9.625</td> <td>40</td> <td>HCL80</td> <td>5396</td> <td>5896</td> <td>200</td> <td>1.32</td> <td>c</td> <td></td> <td>1500</td> <td>0</td> <td>N</td> </tr> <tr> <td>09/30/19</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>5.5</td> <td>23</td> <td>T95</td> <td>0</td> <td>14726</td> <td>970</td> <td>3.51</td> <td>h</td> <td></td> <td>9000</td> <td>0</td> <td>N</td> </tr> <tr> <td>09/30/19</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>5.5</td> <td>23</td> <td>T95</td> <td>9600</td> <td>14726</td> <td>1000</td> <td>1.34</td> <td>h</td> <td></td> <td>9000</td> <td>0</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	09/04/19	Surf	FreshWater	17.5	13.375	54.5	J55	0	1936	1020	1.97	c		800	0	N	09/04/19	Surf	FreshWater	17.5	13.375	54.5	J55	1636	1936	310	1.32	c		800	0	N	08/11/19	Int1	Brine	12.25	9.625	40	j55	0	1882	745	2.36	c		1500	0	N	09/09/19	Int1	Brine	12.25	9.625	40	L80	1882	5086	745	2.36	c		1500	0	N	09/09/19	Int1	Brine	12.25	9.625	40	HCL80	5086	5896	350	2.36	c		1500	0	N	09/09/19	Int1	Brine	12.25	9.625	40	HCL80	5396	5896	200	1.32	c		1500	0	N	09/30/19	Prod	CutBrine	8.75	5.5	23	T95	0	14726	970	3.51	h		9000	0	N	09/30/19	Prod	CutBrine	8.75	5.5	23	T95	9600	14726	1000	1.34	h		9000	0	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 NMOC guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .																																																																																																																																																		
<div style="display: flex; justify-content: space-between;"> <div> SIGNATURE <u>Electronically Signed</u> Type or print name <u>Steve Morris</u> </div> <div> TITLE <u>Engineer</u> E-mail address <u>steve.morris@morcoreengineering.com</u> </div> <div> DATE <u>10/23/2019</u> Telephone No. <u>432-201-3031</u> </div> </div>																																																																																																																																																		
For State Use Only: <div style="display: flex; justify-content: space-between;"> <div> APPROVED BY: <u>Paul F Kautz</u> TITLE <u>Geologist</u> </div> <div> DATE <u>10/28/2019 4:55:39 PM</u> </div> </div>																																																																																																																																																		

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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 273705

DRILLING COMMENTS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Permit Number: 273705
	Permit Type: Drilling

Comments

Created By	Comment	Comment Date
smorris	9/11/2019 12.25" hole to 5896'. Ran 9.625" 40# J55 (1882'), 40# L80 (5086') and 40 HCL80 to 5896'. ECP @ 4230', DV @ 4215'. Cement Stage 1 350sx Lead 11.8ppg Class C + gel + CaCl2 + Cellophane + Defoamer. 200sx Tail 14.8ppg Class C neat. Stage 2 1490sx Lead 11.8ppg Class C + gel. 95sx 14.8ppg Class C neat. Test 1500psi for 30 mins, good. 9/30/2019 8.75" hole to 14,726. 5.5" 23# T95 BTC. Cement 970sx Lead 11ppg Class H 50/50 Lite + 5% salt + 12% gel + 0.4% anti-foam. 1000sx Tail 14.2ppg Class H + 3% salt + 2% gel + 0.1% anti-foam. Test casing to 9000psi for 30 mins. Good test.	10/23/2019