

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 <b>District II</b> 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <b>District IV</b> 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b> <b>Oil Conservation Division</b> <b>1220 S. St Francis Dr.</b> <b>Santa Fe, NM 87505</b>	Form C-103 August 1, 2011  Permit 367653																																																																
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NUMBER 30-015-54605																																																																
		5. Indicate Type of Lease State																																																																
		6. State Oil & Gas Lease No.																																																																
		7. Lease Name or Unit Agreement Name MARLEY STATE COM 31 CD																																																																
1. Type of Well: Oil		8. Well Number 003H																																																																
2. Name of Operator LONGFELLOW ENERGY, LP		9. OGRID Number 372210																																																																
3. Address of Operator 8115 Preston Road, Suite 800, Dallas, TX 75225		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>I</u> : <u>2360</u> feet from the <u>S</u> line and feet <u>1208</u> from the <u>E</u> line Section <u>36</u> Township <u>17S</u> Range <u>27E</u> NMPM _____ County <u>Eddy</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3651 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%; border: none;"><tr><td colspan="2" style="text-align: center;">NOTICE OF INTENTION TO:</td><td colspan="2" style="text-align: center;">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. Set 9-5/8", Pump 30bbls FWS then cmt w/ 585sxs 13.5 ppg 1.75 yield Class C cement followed by 130sxs 14.8 ppg 1.33 yield class C cement. Circulated 225sxs to surface. Release rig 1/19/24. 4/1/24 NU BOP's, test 250 low and 5000 high for 30 min. Good test. Test 9-5/8" casing to 1500psi for 30 min. Good test. Drill 8-3/4" to 9582'M/3791'V. TD on 4/5/24. Pump 50 bbls FWS then cement w/ 425sxs 12.2 ppg 2.08 yield 25/75 Poz C cement followed by 1110sxs 14.5ppg 1.4 yield Class C cement. Bumped plug. 235sxs circulated to surface. Release rig 4/7/24. <b>1/14/2024</b> Spudded well.																																																																		
<b>Casing and Cement Program</b> <table 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>01/19/24</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>1279</td><td>715</td><td>1.75</td><td>C</td><td></td><td>1500</td><td>0</td><td>N</td></tr><tr><td>04/07/24</td><td>Prod</td><td>CutBrine</td><td>8.75</td><td>7</td><td>32</td><td>L80</td><td></td><td>4293</td><td></td><td></td><td></td><td></td><td>5000</td><td>0</td><td>N</td></tr><tr><td>04/07/24</td><td>Prod</td><td>CutBrine</td><td>8.75</td><td>5.5</td><td>32</td><td>L80</td><td>0</td><td>9582</td><td>1535</td><td>2.08</td><td>C</td><td></td><td>5000</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	01/19/24	Surf	FreshWater	12.25	9.625	36	J55	0	1279	715	1.75	C		1500	0	N	04/07/24	Prod	CutBrine	8.75	7	32	L80		4293					5000	0	N	04/07/24	Prod	CutBrine	8.75	5.5	32	L80	0	9582	1535	2.08	C		5000	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 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>Engineering Technologist</u> DATE <u>6/19/2024</u> Type or print name <u>David Cain</u> E-mail address <u>david.cain@longfellowenergy.com</u> Telephone No. <u>972-590-9918</u>																																																																		
<b>For State Use Only:</b> APPROVED BY: <u>Patricia L Martinez</u> TITLE _____ DATE <u>8/29/2024 2:58:25 PM</u>																																																																		