

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 190342																																																																
		WELL API NUMBER 30-015-42136																																																																
		5. Indicate Type of Lease P																																																																
		6. State Oil & Gas Lease No.																																																																
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.)		7. Lease Name or Unit Agreement Name LAVA FEE																																																																
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>P</u> : <u>1150</u> feet from the <u>S</u> line and feet <u>1150</u> from the <u>E</u> line Section <u>3</u> Township <u>23S</u> Range <u>27E</u> NMPM County <u>Eddy</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3092 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" 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. 7/27/14 TD 17 1/2" @ 420'. RIH w/ 10jts 13 3/8". 48# H-40, ST&C @ 420'. Cmt w/ 20bbls gel, 50sx C 2%, 420sx C 2%, ciro 121sx, pd 9:39am. WOC 18hrs tst csg 1800# 30mins. 7/30/14 TD 12 1/4" @ 2018'. RIH w/ 47jts 9 5/8", 36#, J-55, ST&C @ 2007'. Cmt w/ 470sx CC, tail 200sx CC, pd 10:15pm. ciro 167sx. WOC 12hrs tst csg 600# 30mins. 8/5/14 TD 8 3/4" @ 9296'. 8/7/14 RIH w/ 207jts 7". 26#, P-110, L-80 LT&C @ 9296'. Cmt 1st stage 1 w/ 610sx PVL, ciro 258sx, pd 8:47am. 2nd stage 550sx 35/65 Poz C, tail 300sx PVL, ciro 322sx, pd 12:10pm. WOC 12 hrs tst csg 600# 20mins. 8/8/14 Release Rig 7/26/2014 Spudded well.																																																																		
Casing and Cement Program <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <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>07/27/14</td> <td>Surf</td> <td>FreshWater</td> <td>17.5</td> <td>13.375</td> <td>48</td> <td>H40</td> <td>0</td> <td>420</td> <td>470</td> <td></td> <td>C</td> <td></td> <td>1800</td> <td></td> <td>N</td> </tr> <tr> <td>07/30/14</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>2018</td> <td>670</td> <td></td> <td>C</td> <td></td> <td>600</td> <td></td> <td>N</td> </tr> <tr> <td>08/07/14</td> <td>Prod</td> <td>CutBrine</td> <td>8.75</td> <td>7</td> <td>26</td> <td>P110</td> <td>0</td> <td>9296</td> <td>1460</td> <td></td> <td>PVL</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	07/27/14	Surf	FreshWater	17.5	13.375	48	H40	0	420	470		C		1800		N	07/30/14	Int1	CutBrine	12.25	9.625	36	J55	0	2018	670		C		600		N	08/07/14	Prod	CutBrine	8.75	7	26	P110	0	9296	1460		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
Energy, Minerals and Natural Resources
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Comments
Permit 190342

DRILLING COMMENTS

Operator: MACK ENERGY CORP PO Box 960 Artesia, NM 88211	OGRID: 13837
	Permit Number: 190342
	Permit Type: Drilling

Comments

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