

<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 278635 WELL API NUMBER 30-025-46513 5. Indicate Type of Lease S 6. State Oil & Gas Lease No.  7. Lease Name or Unit Agreement Name VINDICATOR 15 STATE																				
<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.)																						
1. Type of Well: O		8. Well Number 001H																				
2. Name of Operator MANZANO LLC		9. OGRID Number 231429																				
3. Address of Operator P.O. Box 1737, Roswell, NM 88202		10. Pool name or Wildcat																				
4. Well Location Unit Letter <u>C</u> : <u>100</u> feet from the <u>N</u> line and feet <u>2295</u> from the <u>W</u> line Section <u>15</u> Township <u>17S</u> Range <u>36E</u> NMPM _____ County <u>Lea</u>																						
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3853 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: <b>Perforations/Tubing</b> <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: <b>Perforations/Tubing</b> <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.																						
Perforate & frac well <div style="text-align: center;"> <b>Perforations</b>  <b>Pool: WC-025 G-09 S173615C; UPPER PENN , 98333 Location: C -15-17S-36E 100 N 2295 W</b> </div> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>TOP</th> <th>BOT</th> <th>Open Hole</th> <th>Shots/ft</th> <th>Shot Size</th> <th>Material</th> <th>Stimulation</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>12290</td> <td>17058</td> <td>N</td> <td>6</td> <td>0.42</td> <td>Sand/Water</td> <td>Frac</td> <td>11499922</td> </tr> </tbody> </table> <div style="text-align: center;"> <b>Tubing</b> </div>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	12290	17058	N	6	0.42	Sand/Water	Frac	11499922				
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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  
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Comments  
  
Permit 278635

TUBING COMMENTS

Operator: MANZANO LLC P.O. Box 1737 Roswell, NM 88202	OGRID: 231429
	Permit Number: 278635
	Permit Type: Tubing

Comments

Created By	Comment	Comment Date
lpack	2/8-2/14/20 Frac well in 25 stages from 12290'-17,058 with 917bbbls 10% Acid + 293,458bbbls slickwater + 11,499,922# 100 mesh sand 2/17-2/18/20 Rig up CTU & clean out well to 17,070 2/19/20 Start flowing back well up casing @ 2:00pm	2/20/2020