

<b>District I</b> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-8161 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 227646 WELL API NUMBER 30-025-42873 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name DOG BAR 11 FEE																																																																
<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 PO BOX 2107, ROSWELL, NM 882022107		10. Pool name or Wildcat																																																																
4. Well Location Unit Letter <u>4</u> : <u>225</u> feet from the <u>S</u> line and feet <u>250</u> from the <u>E</u> line Section <u>11</u> Township <u>14S</u> Range <u>38E</u> NMPM County <u>Lea</u>																																																																		
11. Elevation (Show whether DR, KB, BT, GR, etc.) 3765 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"/>																																													
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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. Run 54jts 9 5/8" 36#/ft K-55 casing to 2270' & cement w/600sx 35/65 C w/6% gel (weight=12.8/yield=1.9) & tail in w/300sx C (weight=14.8/yield=1.34). Plug down @ 2:30pm on 11/1/15, Circulated 260sx to pits, NU BOP & test to 200# io/1000# high. Drill out in 7.875" hole @ 4:30pm on 11/2/15. Drill vertical hole to KOP @ 4700, build curve from 6100/MD/5360°TVD. Drill lateral to 9797°MD/5340°TVD. Run 237jts 20#/ft L-80 BTC casing to 9797' & cement w/1000sx 50:50C + 10% gel (weight=11.8/Yield=2.74) + 1000sx 50:50C + 2% gel (weight=14.2/gel=1.26)10/30/2015 Spudded well.																																																																		
<b>Casing and Cement Program</b> <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>11/01/15</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>2270</td> <td>900</td> <td>1.34</td> <td>C</td> <td>0</td> <td>1500</td> <td>0</td> <td>Y</td> </tr> <tr> <td>10/19/16</td> <td>Surf</td> <td>FreshWater</td> <td>12.25</td> <td>9.625</td> <td>36</td> <td>K-55</td> <td>0</td> <td>2270</td> <td>900</td> <td>1.9</td> <td>C</td> <td>0</td> <td>1000</td> <td>0</td> <td>Y</td> </tr> <tr> <td>11/08/15</td> <td>Prod</td> <td>CutBrine</td> <td>7.875</td> <td>5.5</td> <td>20</td> <td>L-80</td> <td>0</td> <td>9797</td> <td>2000</td> <td>1.26</td> <td>C</td> <td>0</td> <td>1000</td> <td>0</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	11/01/15	Surf	FreshWater	12.25	9.625	36	J55	0	2270	900	1.34	C	0	1500	0	Y	10/19/16	Surf	FreshWater	12.25	9.625	36	K-55	0	2270	900	1.9	C	0	1000	0	Y	11/08/15	Prod	CutBrine	7.875	5.5	20	L-80	0	9797	2000	1.26	C	0	1000	0	Y
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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**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Comments  
Permit 227646

**DRILLING COMMENTS**

Operator: MANZANO LLC PO BOX 2107 ROSWELL , NM 882022107	OGRID: 231429
	Permit Number: 227646
	Permit Type: Drilling

**Comments**

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