

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 267732 WELL API NUMBER 30-025-45433 5. Indicate Type of Lease P 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name WEST CROSSROADS SAN ANDRES UNIT																								
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 324H																								
2. Name of Operator MANZANO LLC		9. OGRID Number 231429																								
3. Address of Operator P.O. Box 2107, Roswell, NM 88202		10. Pool name or Wildcat																								
4. Well Location Unit Letter <u>3</u> : <u>600</u> feet from the <u>N</u> line and feet <u>1584</u> from the <u>W</u> line Section <u>5</u> Township <u>10S</u> Range <u>36E</u> NMPM County <u>Lea</u>																										
11. Elevation (Show whether DR, KB, BT, GR, etc.) 4049 GR																										
Pit or Below-grade Tank Application ☐ or Closure ☐ 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 ☐</td> <td>PLUG AND ABANDON ☐</td> <td>REMEDIAL WORK ☐</td> <td>ALTER CASING ☐</td> </tr> <tr> <td>TEMPORARILY ABANDON ☐</td> <td>CHANGE OF PLANS ☐</td> <td>COMMENCE DRILLING OPNS. ☐</td> <td>PLUG AND ABANDON ☐</td> </tr> <tr> <td>PULL OR ALTER CASING ☐</td> <td>MULTIPLE COMPL ☐</td> <td>CASING/CEMENT JOB ☐</td> <td></td> </tr> <tr> <td colspan="2">Other: _____</td> <td colspan="2">Other: Perforations/Tubing ☒</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐	TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐	PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐		Other: _____		Other: Perforations/Tubing ☒					
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																								
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTER CASING ☐																							
TEMPORARILY ABANDON ☐	CHANGE OF PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐																							
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐																								
Other: _____		Other: Perforations/Tubing ☒																								
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 San Andres f/5210'-10281' w/1200 0.42" holes & frac zone w/4155bbls 20% acid + 80955bbls fluid + 2457763# sand Perforations <table style="width:100%;"> <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> <tr> <td>5210</td> <td>10281</td> <td>N</td> <td>4</td> <td>0.42</td> <td>Sand/Water</td> <td>Frac</td> <td>2457763</td> </tr> </table> Tubing <table style="width:100%;"> <tr> <th>Tubing Size</th> <th>Type</th> <th>Depth Set</th> <th>Packer Set</th> </tr> <tr> <td>2.875</td> <td>L-80</td> <td>4843</td> <td>0</td> </tr> </table>			TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount	5210	10281	N	4	0.42	Sand/Water	Frac	2457763	Tubing Size	Type	Depth Set	Packer Set	2.875	L-80	4843	0
TOP	BOT	Open Hole	Shots/ft	Shot Size	Material	Stimulation	Amount																			
5210	10281	N	4	0.42	Sand/Water	Frac	2457763																			
Tubing Size	Type	Depth Set	Packer Set																							
2.875	L-80	4843	0																							
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 ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐																										
<table style="width:100%;"> <tr> <td>SIGNATURE</td> <td><u>Electronically Signed</u></td> <td>TITLE</td> <td><u>Manager</u></td> <td>DATE</td> <td><u>5/23/2019</u></td> </tr> <tr> <td>Type or print name</td> <td><u>Michael Hanagan</u></td> <td>E-mail address</td> <td><u>debbi@manzanoenergy.com</u></td> <td>Telephone No.</td> <td><u>505-623-1996</u></td> </tr> </table>			SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Manager</u>	DATE	<u>5/23/2019</u>	Type or print name	<u>Michael Hanagan</u>	E-mail address	<u>debbi@manzanoenergy.com</u>	Telephone No.	<u>505-623-1996</u>												
SIGNATURE	<u>Electronically Signed</u>	TITLE	<u>Manager</u>	DATE	<u>5/23/2019</u>																					
Type or print name	<u>Michael Hanagan</u>	E-mail address	<u>debbi@manzanoenergy.com</u>	Telephone No.	<u>505-623-1996</u>																					
For State Use Only: <table style="width:100%;"> <tr> <td>APPROVED BY:</td> <td><u>Paul F Kautz</u></td> <td>TITLE</td> <td><u>Geologist</u></td> <td>DATE</td> <td><u>5/23/2019 7:52:49 AM</u></td> </tr> </table>			APPROVED BY:	<u>Paul F Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>5/23/2019 7:52:49 AM</u>																		
APPROVED BY:	<u>Paul F Kautz</u>	TITLE	<u>Geologist</u>	DATE	<u>5/23/2019 7:52:49 AM</u>																					

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

Comments

Permit 267732

TUBING COMMENTS

Operator: MANZANO LLC P.O. Box 2107 Roswell, NM 88202	OGRID: 231429
	Permit Number: 267732
	Permit Type: Tubing

Comments

Created By	Comment	Comment Date
------------	---------	--------------

There are no Comments for this Permit