

~~District I~~  
1625 N. French Dr., Hobbs, NM 88240  
~~District II~~  
1301 W. Grand Avenue, Artesia, NM 88210.  
~~District III~~  
1000 Rio Brazos Road, Aztec, NM 87410  
~~District IV~~  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

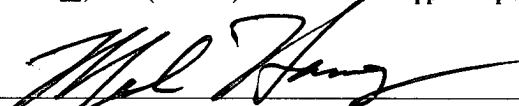
Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>MANZANO, LLC</u> Telephone: <u>505-623-1996</u> e-mail address: <u>mhanagan@dfn.com</u>		
Address: <u>P.O. BOX 2107 - ROSWELL, NM 88202-2107</u>		
Facility or well name: <u>LACKEY - FEE #1</u> API #: <u>30-005-63696</u> U/L or Qtr/Qtr <u>M</u> Sec <u>33</u> T <u>12s</u> R <u>28e</u>		
County: <u>CHAVES</u> Latitude _____ Longitude _____ NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" type="checkbox"/>		
<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>7500</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	<u>100 feet or more</u>	( 0 points) 0 POINTS
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	<u>No</u>	( 0 points) 0 POINTS
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	<u>1000 feet or more</u>	( 0 points) 0 POINTS
<b>Ranking Score (Total Points)</b>		0 POINTS

**If this is a pit closure:** (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: FOLD EXISTING 12 MIL LINER ACROSS EACH PIT TO ENCAPSULATE DRILLING FLUID, PLACE 20 MIL LINER ACROSS EACH PIT AT A DEPTH OF APPROXIMATELY 3' BELOW GROUND LEVEL, FILL WITH 3' OF DIRT & TOP SOIL TO GROUND LEVEL	
<div style="text-align: center;"><b>RECEIVED</b> SEP 14 2005 OCD-ARTESIA</div> <div style="text-align: center;"><b>USGS information shows this area to be water sensitive.</b></div>	

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	
Date: <u>9/8/05</u>	Signature: 
Printed Name/Title: <u>MIKE HANAGAN</u>	
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Approval: Printed Name/Title: _____	Please submit a plan that can be approved for a sensitive area or schedule a meeting where other water data can be reviewed. Date: _____

**MANZANO, LLC LACKEY-FEE #1 RESERVE PIT CLOSURE DIAGRAM**

