

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: Range Operating New Mexico, Inc Telephone: (505) 631-0926 e-mail address: salmager@rangeresources.com  
Address: P.O. Box 2510 Hobbs, NM 88241  
Facility or well name: Elliott "B" Federal Well #13 #: 30-025-37785 U/L or Qtr/Qtr SE/SE Sec 6 T 22S R 37E  
County: Lea Latitude N 32° 24.5828' Longitude W 103° 11.3938' NAD: 1927  1983   
Surface Owner: Federal  State  Private  Indian

Pit	Below-grade tank	
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>20</u> mil Clay <input type="checkbox"/> Pit Volume _____ bbl	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)
	100 feet or more	( 0 points) <b>95 feet</b>
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)
	No	( 0 points) X
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)
	1000 feet or more	( 0 points) X
<b>Ranking Score (Total Points)</b>		<b>10</b>

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 Sundance. (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: All fluids will be removed from the pit. The burial pit will be constructed adjacent to the drilling pit. The burial pit will be lined with a 12 ml liner.

Impacted material will be placed in the burial pit, completely encapsulated and capped with a 20 ml liner, and covered with 3 feet of topsoil to grade.

Hydrocarbon impacted soil will be disposed at an NMOCD approved facility.

**THIS WAS APPROVED WITH THE ATTACHED DATA.**  
GWW

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 , a general permit , or an (attached) alternative OCD-approved plan .

Date: 9-25-06

Printed Name/Title: Steve Almager, Production Supervisor

Signature: 

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: GARY W. WINK, STAFF MGR

Signature: 

Date: 9/26/06

Client: Range Operating  
 Project: Elliott "B" Tank Battery  
 Project No.: 6-0130  
 Location: Eunice, New Mexico, U.L. I, Sec.6, T22S, R37E

Log: BH-1

Page: 1 of 2

Geologist: Cindy Crain

SUBSURFACE PROFILE			SAMPLE			PID ppm 2 10 18	Analytical Data
Depth	Symbol	Description	Number	Type	Recovery		
0		Ground Surface					
0-1'		Silty Sand Reddish-brown quartz sand, fine grained, loose, well sorted, dry	1				0-1' bgs Chloride: 1.62 mg/kg
5-6'			2				5-6' bgs Chloride: 1.19 mg/kg
10-11'		Caliche Pinkish white, non-indurated, dry	3				10-11' bgs Chloride: 69.4 mg/kg
15-16'			4				15-16' bgs Chloride: 16.0 mg/kg
20-21'			5				20-21' bgs Chloride: 5.78 mg/kg
25-26'			6				25-26' bgs Chloride: 85.2 mg/kg
30-31'			7				30-31' bgs Chloride: 119.0 mg/kg
35-36'			8				35-36' bgs Chloride: 92.0 mg/kg
40-41'			9				40-41' bgs Chloride: 95.1 mg/kg
45-46'			10				45-46' bgs Chloride: 106.0 mg/kg
Drill Method: Air Rotary Drill Date: 08/08/06 Hole Size:			Occillo 2125 French Drive Hobbs, New Mexico 88240 (505) 393-6371			Elevation: N/A Checked by: CKC Drilled by: Scarborough Drilling	

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 Project: Elliott "B" Tank Battery  
 Project No.: 6-0130  
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 Page: 2 of 2  
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SUBSURFACE PROFILE			SAMPLE			PID ppm 2 10 18	Analytical Data
Depth	Symbol	Description	Number	Type	Recovery		
50							50-51' bgs Chloride: 178 mg/kg
		<b>Silty Sand</b> Brown, very poorly sorted, dry, fine grained					
60							
70							
80		<b>Gravelly Silty Sand</b> brown, fine grained, dry Damp at 79'					
90		<b>Silty Sand</b> Light brown, fine grained, moderately well sorted, dry					
		<b>TD: 95'</b>					
100							
Drill Method: Air Rotary			Ocotillo			Elevation: N/A	
Drill Date: 08/08/06			2125 French Drive			Checked by: CKC	
Hole Size:			Hobbs, New Mexico 88240			Drilled by:	
			(505) 393-6371			Scarborough Drilling	