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

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

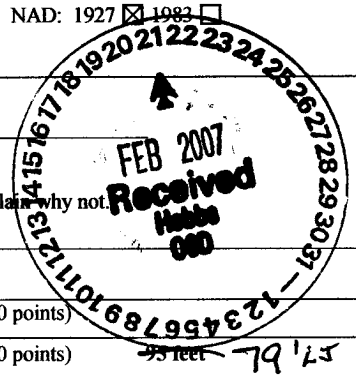
Form C-144
June 1, 2004

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: Downes #4 API#: 30-025-38030 U/L or Qtr/Qtr NW/NE Sec 6 T 22S R 37E
County: Lea Latitude N 32° 25.636' Longitude W 103° 11.944' NAD: 1927 ☒ 1983 ☐
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐



Pit	**Below-grade tank**	
Type: Drilling ☒ Production ☐ Disposal ☐ Workover ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 20 mil Clay ☐ Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ 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 **50 feet or more, but less than 100 feet** 100 feet or more	(20 points) (10 points) ~~95 feet~~ 79 'LS (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 **No**	(20 points) (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 200 feet or more, but less than 1000 feet **1000 feet or more**	(20 points) (10 points) (0 points) X
	Ranking Score (Total Points)	**10**

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 your 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.

79'

A boring log is attached which shows the depth to groundwater to be at least greater than ~~95~~ feet below ground surface.

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: February 21, 2007
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 Gary W. Wink Date: 2/21/07

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				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (2 – 10 – 18)	Analytical Data
0		Ground Surface					
		Silty Sand Reddish-brown quartz sand, fine grained, loose, well sorted, dry	1				0-1' bgs Chloride: 1.62 mg/kg
			2				5-6' bgs Chloride: 1.19 mg/kg
10			3				10-11' bgs Chloride: 69.4 mg/kg
		Caliche Pinkish white, non-indurated, dry	4				15-16' bgs Chloride: 16.0 mg/kg
20			5				20-21' bgs Chloride: 5.78 mg/kg
			6				25-26' bgs Chloride: 85.2 mg/kg
30			7				30-31' bgs Chloride: 119.0 mg/kg
			8				35-36' bgs Chloride: 92.0 mg/kg
40			9				40-41' bgs Chloride: 95.1 mg/kg
			10				45-46' bgs Chloride: 106.0 mg/kg
50							

Drill Method: Air Rotary
Drill Date: 08/08/06
Hole Size:

Ocotillo ENVIRONMENTAL
2125 French Drive
Hobbs, New Mexico 88240
(505) 393-6371

Elevation: N/A
Checked by: CKC
Drilled by: Scarborough Drilling

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: 2 of 2
Geologist: Cindy Crain

SUBSURFACE PROFILE			SAMPLE				
Depth	Symbol	Description	Number	Type	Recovery	PID ppm (2 – 10 – 18)	Analytical Data
50							50-51' bgs Chloride: 178 mg/kg
		Silty Sand Brown, very poorly sorted, dry, fine grained					
60							
70							
		Gravelly Silty Sand brown, fine grained, dry					
80		Damp at 79'					
		Silty Sand Light brown, fine grained, moderately well sorted, dry					
90							
		TD: 95'					
100							

Drill Method: Air Rotary
Drill Date: 08/08/06
Hole Size:

Ocotillo
2125 French Drive
Hobbs, New Mexico 88240
(505) 393-6371

Elevation: N/A
Checked by: CKC
Drilled by:
Scarborough Drilling