

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

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

Form C-144  
June 1, 2004

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: Adobe State # 5 #: 30-025-37612 U/L or Qtr/Qtr L Sec 17 T 22S R 37E  
County: Lea Latitude N 32° 23.349' Longitude W 103°, 11.415' 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 <u>N/A</u> 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) 65 feet
	100 feet or more (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)
	No (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)
	1000 feet or more (0 points)
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 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 N/A ft. and attach sample results.

(5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: All fluids were removed from the pit. The burial pit was constructed adjacent to the drilling pit. The burial pit was lined with a 12 ml liner. Impacted material was placed in the burial pit, completely encapsulated and capped with a 20 ml liner, and covered with 3 feet of topsoil to grade. Impacted soil was removed to an NMOCD approved facility.

Attached you will find a drawing indicating where samples were collected below the liner.

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: 8-2-06

Printed Name/Title: Steve Alamager

Signature 

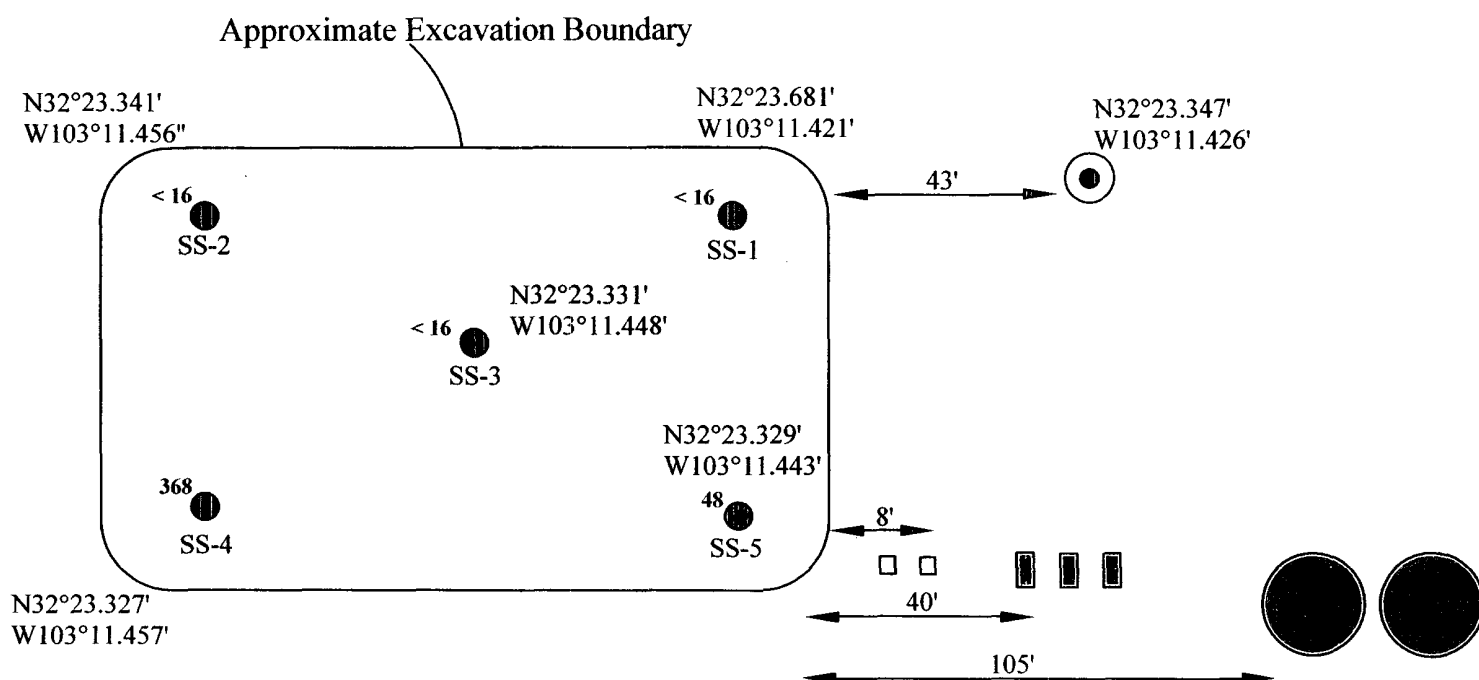
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

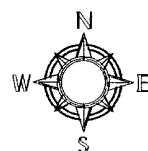
Printed Name/Title: LEONOR ENRIQUEZ

Signature 

Date: 8.2.06



LEGEND	
	Soil sample location taken at a depth of 7.5' bgs. with chloride concentration (mg/kg).
	Wellhead location
	GPS Coordinates
	Meter
	Heater Treater
	Tank



DATE: 07-20-06  
 NAME: CHH  
 PROJECT NO.: 6-0120

FIGURE # 1	
LEA COUNTY, NEW MEXICO	
	Range Resources
Adobe State #5	
U.L.L, Sec.17, T22S, R37E	
Site Drawing (Not to Scale)	
Ocotillo ENVIRONMENTAL	



PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Receiving Date: 06/05/06  
Reporting Date: 06/06/06  
Project Number: NOT GIVEN  
Project Name: RANGE  
Project Location: ADOBE STATE #5

Analysis Date: 06/06/06  
Sampling Date: 06/05/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl <sup>-</sup> (mg/kg)
H11186-1	SAMPLE 1	< 16
H11186-2	SAMPLE 2	< 16
H11186-3	SAMPLE 3	< 16
H11186-4	SAMPLE 4	368
H11186-5	SAMPLE 5	48
Quality Control		980
True Value QC		1000
% Recovery		98
Relative Percent Difference		2.0

4500-CI-B

NOTE: Analyses performed on 1:4 w:v aqueous extracts.

Date \_\_\_\_\_

H11186

PLEASE NOTE: **Liability and Damages.** **Cardinal's** liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by **Cardinal** within thirty (30) days after completion of the applicable service. In no event shall **Cardinal** be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by **Cardinal**, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.