

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: <u>Legacy Reserves</u> Telephone: <u>(432) 682-2516</u> e-mail address: <u>Kwilliams@legacyp.com</u>		
Address: <u>P.O. Box 10848, Midland, Texas 79701</u>		
Facility or well name: <u>Langlic Mattix Penrose Sand Unit # 601</u> #: <u>30-025-38273</u> U/L or Qtr/Qtr <u>K</u> Sec <u>27</u> T <u>22S</u> R <u>37E</u>		
County: <u>Lea</u> Latitude <u>N 32 deg 21.560'</u> Longitude <u>W 103 deg 09.054'</u> NAD: 1927- <input checked="" type="checkbox"/> 1983- <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit		
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>3500</u> bbl		
Below-grade tank		
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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) <u>48 feet</u> (10 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 No	(20 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 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (0 points)
Ranking Score (Total Points)		20

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 were removed from the pit. The pit liner and all impacted material was hauled to an NMOCD approved disposal facility.
Samples were collected below the liner and results are submitted with this final C144 form.
The excavation will be backfilled with clean soil, graded to surface and re-seeded.

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: September 28, 2007

Printed Name/Title: Cindy Crain/Geologist - As Agent for Legacy Reserves

Signature Cindy Crain

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.

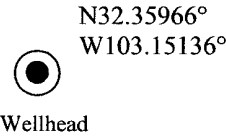
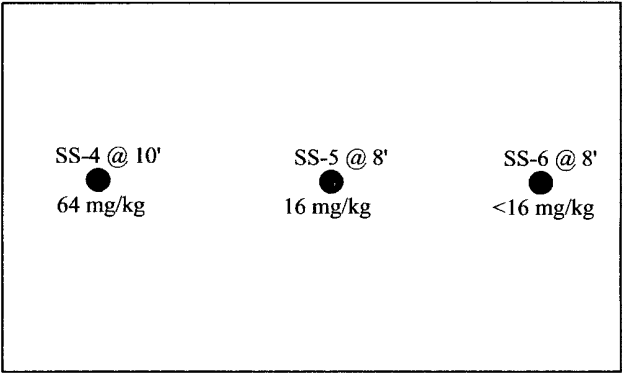
Approval:

Printed Name/Title _____

Signature [Signature]

Date: 10.3.07

ENVIRONMENTAL ENGINEER



Sample Location GPS Coordinates		
SS-4	N32.35989°	W103.15152°
SS-5	N32.35988°	W103.15146°
SS-6	N32.35987°	W103.15137°

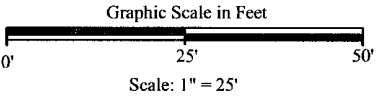


FIGURE # 1

LEA COUNTY, NEW MEXICO

Legacy Reserves
Langlie Mattix Penrose Sand Unit
#601 Pit
U.L.K, Sec.27, T22S, R37E

Site Drawing

Ocotillo
ENVIRONMENTAL



DATE:	10-02-07
NAME:	CHH
PROJECT NO.:	0907-038B

LEGEND

SS-4 @ 10'
64 mg/kg

Soil sample location, with depth (feet bgs) and
chloride concentration (mg/kg).



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Receiving Date: 09/27/07
Reporting Date: 09/28/07
Project Number: 0907-038B
Project Name: LMPSU #601
Project Location: LEA COUNTY, NM

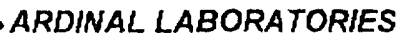
LAB NO.	SAMPLE ID	Cr (mg/Kg)
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H13395-1	SS-1 @ 7'	112
H13395-2	SS-2 @ 7'	32
H13395-3	SS-3 @ 8'	112
Quality Control		490
True Value QC		500
% Recovery		98.0
Relative Percent Difference		2.0

Note: Analyses performed on 1:4 w/v aqueous extracts.

Date _____

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.



(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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Analysis Date: 08/28/07
Sampling Date: 09/28/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: SB
Analyzed By: HM

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

Date _____

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 analytical services. 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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