District 1 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210<sup>o</sup> 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

1220 S. St. Handis Di., Sana Pe, 140 07505	nta Fe, NM 87505									
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 🖾										
OperatorLegacy Reserves       Telephone:(432)         Address:P.O. Box 10848, Midland, Texas 79701         Facility or well name:Langlie Mattix Penrose Sand Unit # 604#:         County:Lea LatitudeN 32 deg 21.4         Surface Owner: FederalState ⊠ Private □ Indian □         Pit         Type: Drilling ⊠ Production □ Disposal □         Workover □ Emergency □         Lined ⊠ Unlined □         Liner type: Synthetic ⊠ Thickness 20mil		27 T 225 86 739 107777 NAD 1927 ⊠ 1983 □ 1000 1000 sequences 1000 L000 sequences 1000 sequ								
Pit Volume3500 bbl Depth to ground water (vertical distance from bottom of pit to seasonal	Less than 50 feet 50 feet or more, but less than 100 feet	(20 points) (10 points) 62 feet								
high water elevation of ground water.)	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 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)	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 in offsite in the facility <u>Sundance</u>. (3) Attach a general description of remedial action taken including remediation start date and end date (4) Groundwater encountered: No in Yes in 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 until chloride concentrations reported less than 250 mg/kg. Results are being submitted with this final C144 form.

As a risk based closure option (verbally approved by Larry Johnson on 10/29/07), the pit was excavated to a depth of 16 feet below ground surface and lined with a 40 mil

plastic liner. The pit will be backfilled above the liner with clean soil, and the entire area will be contoured to surface grade and re-seeded.

I hereby certify that the information above is true and complete to the best of m has been/will be constructed or closed according to NMOCD guidelines	y knowledge and belief. I further certify that the above-described pit or below-grade tank , a general permit , or an (attached) alternative OCD-approved plan .
Date: <u>October 30, 2007</u> Printed Name/Title: <u>Cindy Crain/Geologist – As Agent for Legacy Reserver</u> Your certification and NMOCD approval of this application/closure does not re otherwise endanger public health or the environment. Nor does it relieve the op regulations.	s Signature K. Sain elieve the operator of liability should the contents of the pit or tank contaminate ground water or perator of its responsibility for compliance with any other federal, state, or local laws and/or
Approval:	- philop
Printed Name/Title	Signature ENVIRONMENTAL ENGINEER Date: 10.3(.07



N32.35835° W103.15551°

**SS-8** N32.35842°

SS-6 @ 21' 32 mg/kg

SS-6

SS-7

Ocotillo ENVIRONMENTAL

PROJECT NO. : 0907-035B

50



PHONE (325) 673-7001 - 2111 BEECHWOOD - ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR OCOTILLO ENVIRONMENTAL, LLC ATTN: CINDY CRAIN P.O. BOX 1816 HOBBS, NM 88241 FAX TO: (432) 272-0304

Receiving Date: 10/25/07 Reporting Date: 10/25/07 Project Number: 7-1306 Project Name: LMPSU #804 Project Location: LEA COUNTY, NM

LAB NO.

SAMPLE ID

Analysis Date: 10/25/07 Sampling Date: 10/24/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By: SB Analyzed By: KS

C

(mall-)

		(mg/kg)
H13577-1	SS-1 @ 16'	750
H13577-2	SS-2 @ 21'	352
H13577-3	SS-3 @ 28'	
H13577-4	SS-4 @ 30'	2,320
H13577-5	SS-5 @ 32	2,440
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Quality Cont	rol	500
True Value (		
% Recovery		
	cent Difference	100
S S S S S S S S S S S S S S S S S S S		< 0.1

METHOD: Standard Methods 4500-CFB Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist Superto

## H13577 OCO

PLEASE NOTE: Liability and Damages Cardinal's liability and cliant'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 tross for negligence and any other cause whatseever shall be deemed weived unless made in writing and received by Cardinel within thirty (30) days effer completion of the applicable sandce. In no event shall Cardinal be liable for incidental or consequential damages, including, without fimitation, businees Interruptions, toes of use, or toes of profite incurred by client, its subsidience, alliates 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

## RDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240	2111 Beechwood, Abilene, TX 79603
(505) 393-2326 EAX (505) 393-2476	(325) 673-7001 FAX (325)673-7020

Company Name:	Ocotillo 2	ALUS HEIGHAN CAU	+Al	11	C		<u>`</u>	l	BIL	L TO					AN	ALYSI	S PF		ST.			
Project Manager	Cindy Cr.	aiN					P.O. :	#:		· · · · · · · · · · · · · · · · · · ·	····	T	T	T		T	Ť	T				
Address: 2	123 French Dr.						Com	pany:	De	tillo	 	1			}					. ]	{	1
City: Hobb	State:         NM Zip: 88240           S-441-7244         Fax #: 432-272-0304           -1306         Project Dwner:						Attn:					1	1				}			{		
Phone #: 578	- +41-7249	Fax #: 432 -	272	2-0	کاعل		Address:								1		1					
Project #: 7-	1306	Project Owner:	Le.	560	7		City:					1				ļ			Í	ľ		
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j Cardinal cannot accept verbal changes Please fax written changes to 505-393-2476



PHONE (325) 673-7001 - 2111 BEECHWOOD - ABILENE, TX 79603

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

ANALYTICAL RESULTS FOR OCOTILLO ENVIRONMENTAL, LLC ATTN: CINDY CRAIN P.O. BOX 1816 HOBBS, NM 88241 FAX TO: (432) 272-0304

Receiving Date: 10/26/07 Reporting Date: 10/26/07 Project Number: 7-1306 Project Name: LMPSU #604 Project Location: LEA COUNTY, NM

Analysis Date: 10/26/07 Sampling Date: 10/26/07 Sample Type: SOIL Sample Condition: COOL & INTACT Sample Received By; KS Analyzed By; KS

Cl<sup>-</sup> (mg/kg)

H13588-1 SS-6 (POINT 1) @ 21'	32				
H13588-2 SS-7 (POINT 2) @ 23'	128				
H13588-3 SS-8 (POINT 3) @ 33'	160				
• • • • • • • • • • • • • • • • • • • •					
Quality Control	500				
True Value QC	500				
% Recovery	100				
Relative Percent Difference	< 0.1				

METHOD: Standard Methods 4500-CIB Note: Analyses performed on 1:4 w/v agueous extracts.

Busto Sepula

Chemist

0126107 Date

H13588 OCO

PLEASE MOTE. Liability and Damagee. Condinate 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 ankiysoe At claims, including those for negligence and any other cause whatsobver shall be deemed waived unless made in writing and received by Cardinal within ftility (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 uses or loss of profile incurred by client, its subsidiaries, affiliates or successore 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 of otherwise. ARDINAL LABORATORIES

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240	2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476	(325) 673-7001 FAX (325)673-7020

Company Pame:	Beufillo EnvironmentalLLC									BI	LL TO		ANALYSIS REQUEST												
Project Manager:	CINCLY Crain						F	P.O. #:							<b></b>			Т			[	<u> </u>			
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City: Hobb.	State: NM	Zip:	8	82	40			ttn:							ļ			-							
Address:     2133     Frence Ur.       City:     Hobbs     State: NM Zip: 88240       Chone #:     575-441-7244     Fax #: 432-272-0304       Chone #:     575-441-7244     Fax #: 432-272-0304       Cirojact #.     7-1306     Project Owner:       Project Name:     L     L       Project Name:     L     L						Address:													1	ł		Į			
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