

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: Salmaiger@rangeresources.com  
Address: P.O. Box 2510 Hobbs, NM 88241  
Facility or well name: W.H. Turner Well #9 #: 30-025-38126 U/L or Qtr/Qtr L Sec 29 T 21S R 37E  
County: Lea Latitude N 32° 26.839' Longitude W 103° 11.479' NAD: 1983  
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

<b>Pit</b> 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>      </u> bbl	<b>Below-grade tank</b> Volume: <u>      </u> bbl Type of fluid: <u>      </u> Construction material: <u>      </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u>      </u>
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) <u>86</u> 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) <u>X</u>
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) <u>X</u>
<b>Ranking Score (Total Points)</b> <u>10</u>	

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.

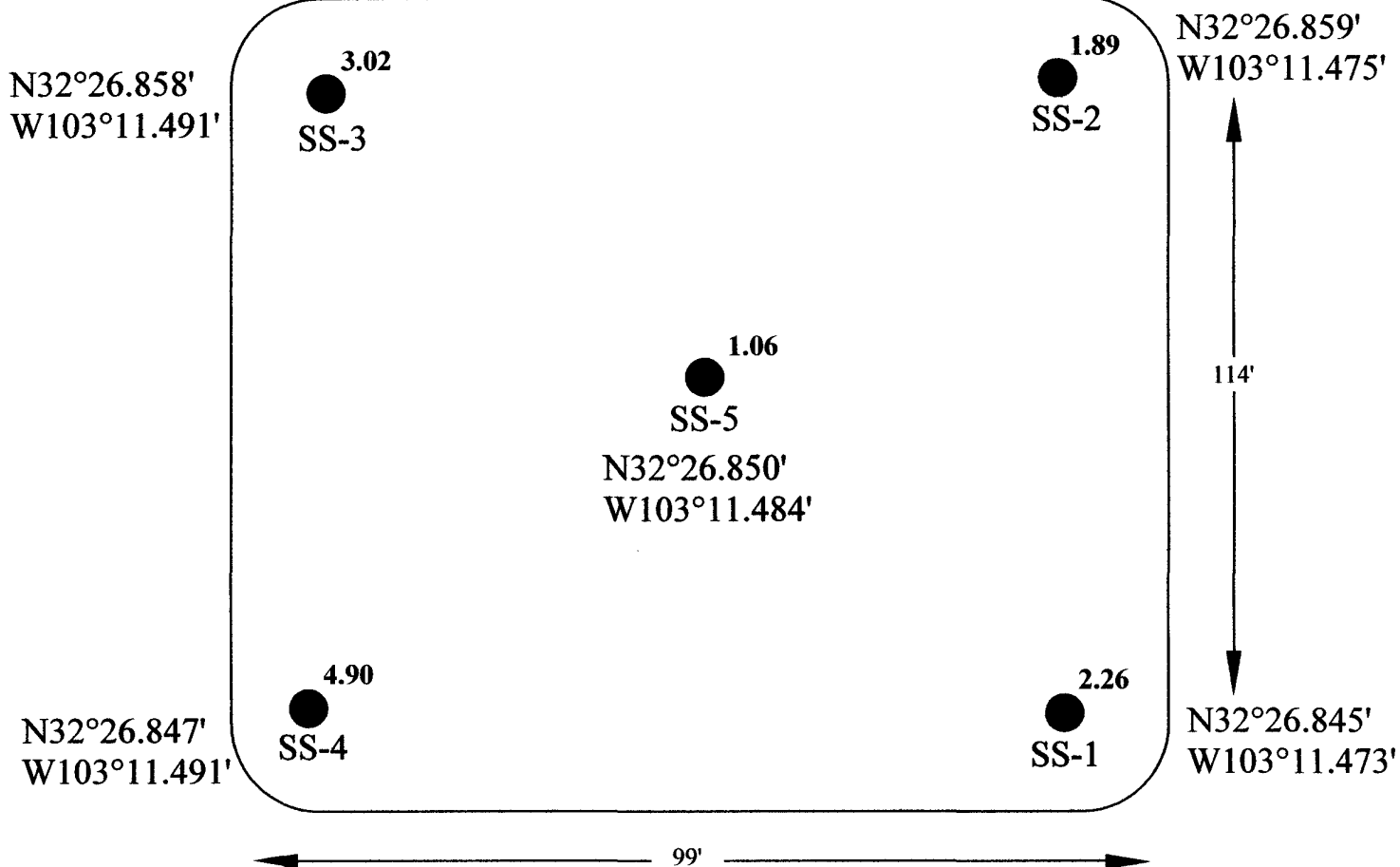
Additional Comments: All fluids were removed from the pit. The pit liner and all hydrocarbon impacted soil was disposed at an NMOCD approved facility.  
Soil samples were collected below the liner and laboratory results are attached.

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 16, 2007  
Printed Name/Title: Steve Almager, Production Supervisor Signature: [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: L. Johnson - Enviro Eng Signature: [Signature] Date: 2-21-07

# Approximate Excavation Boundary

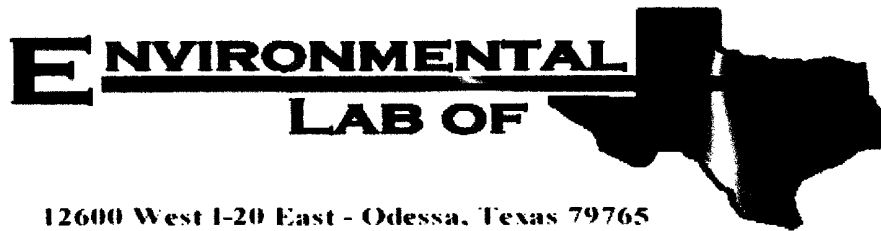


LEGEND	
● 2.26 SS-1	Soil sample location taken on 2/08/07 and 2/09/07, at a depth of 7 feet, with chloride concentration (mg/kg).
⊙	Wellhead location
N32°26.845' W103°11.473'	GPS Coordinates



DATE: 02-13-07  
NAME: CHH  
PROJECT NO.:

FIGURE # 1	
LEA COUNTY, NEW MEXICO	
<b>Range Resources</b>	
W.H. Turner # 9 Sec.29, T21S, R37E	
Site Drawing ( Not to Scale )	
Ocotillo	



12600 West I-20 East - Odessa, Texas 79765

A Xenco Laboratories Company

## Analytical Report

**Prepared for:**

Cindy Crain

Ocotillo Environmental

2125 French Dr.

Hobbs, NM 88201

Project: Range - WH Turner #9

Project Number: None Given

Location: Eunice, NM

Lab Order Number: 7B09022

Report Date: 02/12/07

Ocotillo Environmental  
2125 French Dr.  
Hobbs NM, 88201

Project: Range - WH Turner #9  
Project Number: None Given  
Project Manager: Cindy Crain

Fax: (432) 367-6747

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1	7B09022-01	Soil	02/08/07 10:05	02-09-2007 14:44
SS-2	7B09022-02	Soil	02/08/07 10:08	02-09-2007 14:44
SS-3	7B09022-03	Soil	02/08/07 10:10	02-09-2007 14:44
SS-4	7B09022-04	Soil	02/08/07 11:14	02-09-2007 14:44
SS-5	7B09022-05	Soil	02/08/07 11:27	02-09-2007 14:44

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2125 French Dr.  
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Project: Range - WH Turner #9  
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Project Manager: Cindy Crain

Fax: (432) 367-6747

**General Chemistry Parameters by EPA / Standard Methods**  
**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>SS-1 (7B09022-01) Soil</b>									
Chloride	2.26	0.500	mg/kg	1	EB71207	02/12/07	02/12/07	EPA 300.0	
<b>SS-2 (7B09022-02) Soil</b>									
Chloride	1.89	0.500	mg/kg	1	EB71207	02/12/07	02/12/07	EPA 300.0	
<b>SS-3 (7B09022-03) Soil</b>									
Chloride	3.02	0.500	mg/kg	1	EB71207	02/12/07	02/12/07	EPA 300.0	
<b>SS-4 (7B09022-04) Soil</b>									
Chloride	4.90	0.500	mg/kg	1	EB71207	02/12/07	02/12/07	EPA 300.0	
<b>SS-5 (7B09022-05) Soil</b>									
Chloride	1.06	0.500	mg/kg	1	EB71207	02/12/07	02/12/07	EPA 300.0	

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*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.*

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Ocotillo Environmental  
2125 French Dr.  
Hobbs NM, 88201

Project: Range - WH Turner #9  
Project Number: None Given  
Project Manager: Cindy Crain

Fax: (432) 367-6747

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**

**Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch EB71207 - General Preparation (WetChem)</b>										
<b>Blank (EB71207-BLK1)</b>				Prepared & Analyzed: 02/12/07						
Chloride	ND	0.500	mg/kg							
<b>LCS (EB71207-BS1)</b>				Prepared & Analyzed: 02/12/07						
Chloride	10.0	0.500	mg/kg	10.0		100	80-120			
<b>Calibration Check (EB71207-CCV1)</b>				Prepared & Analyzed: 02/12/07						
Chloride	8.84		mg/kg	10.0		88.4	80-120			
<b>Duplicate (EB71207-DUP1)</b>				<b>Source: 7B09022-01</b>		Prepared & Analyzed: 02/12/07				
Chloride	2.30	0.500	mg/kg		2.26			1.75	20	
<b>Matrix Spike (EB71207-MS1)</b>				<b>Source: 7B09022-01</b>		Prepared & Analyzed: 02/12/07				
Chloride	105	0.500	mg/kg	100	2.26	103	80-120			

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2125 French Dr.  
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Project: Range - WH Turner #9  
Project Number: None Given  
Project Manager: Cindy Crain

Fax: (432) 367-6747

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference  
LCS Laboratory Control Spike  
MS Matrix Spike  
Dup Duplicate

Report Approved By: 

Date: 2/12/2007

Brent Barron, Laboratory Director/Corp. Technical Director  
Celey D. Keene, Org. Tech Director  
Raland K. Tuttle, Laboratory Consultant

James Mathis, QA/QC Officer  
Jeanne Mc Murrey, Inorg. Tech Director

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

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12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

# Environmental Lab of Texas

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East  
Odessa, Texas 79765

Phone: 432-563-1800  
Fax: 432-563-1713

Project Manager: Cindy Crain

Company Name: Ocotillo Environmental, LLC

Company Address: 2125 French Drive, P.O. Box 1818

City/State/Zip: Hobbs, NM 88241

Telephone No: (505) 441-7244

Sampler Signature: Cassie Hobbs

Fax No: (432) 367-8747

e-mail: cindy.crain@gmail.com

Project Name: Range - WH Turner #9

Project #: \_\_\_\_\_

Project Loc: Enice, NM

PO #: \_\_\_\_\_

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: 7609022

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers										Matrix														
								Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	None	Other (Specify)	Dye-Diluting Water SL-Sludge	GW = Groundwater S-Sediment	NP-Non-Petroleum	Specify Other	TPH: 418.1	8015M	8015E	TPH: TX 1005	TX 1006	Calcions (Ca, Mg, Na, K)	Anions (Cl, SO <sub>4</sub> , Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/6030 or BTEX 6200	RCI
-01	SS-1	7'	7'	2/8/07	10:05		1							✓			5			✓											✓	
-02	SS-2	"	"	"	10:08		1							✓						✓											✓	
-03	SS-3	"	"	"	10:10		1							✓						✓											✓	
-04	SS-4	"	"	"	11:14		1							✓						✓											✓	
-05	SS-5	"	"	2/9/07	11:27		1							✓						✓											✓	

Special Instructions:

Laboratory Comments:

Sample Containers: intact? ☒  
VOCs Free of Headspace? ☒  
Labels on container(s)? ☒  
Custody seals on container(s)? ☒  
Custody seals on cooler(s)? ☒  
Sample Hand Delivered? ☒  
by Sampler/Client Rep.? ☒  
by Courier? ☒ UPS ☒ DHL ☒ FedEx ☒ Lone Star  
Temperature Upon Receipt: 15.0 °C

Relinquished by:	Date	Time	Received by:	Date	Time
<u>Cassie Hobbs</u>	<u>2/9/07</u>	<u>1445</u>			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: ELOT:	Date	Time
			<u>Denise Moore</u>	<u>2/9/07</u>	<u>1444</u>



# Environmental Lab of Texas

## Variance/ Corrective Action Report- Sample Log-In

Client: Oesth/6  
 Date/ Time: 2/9/07 1444  
 Lab ID #: 7809022  
 Initials: dm

### Sample Receipt Checklist

Client Initials

#1 Temperature of container/ cooler?	<u>Yes</u>	No	<u>15.0 °C</u>	
#2 Shipping container in good condition?	<u>Yes</u>	No		
#3 Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>Not Present</u>	
#4 Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>	
#5 Chain of Custody present?	<u>Yes</u>	No		
#6 Sample instructions complete of Chain of Custody?	<u>Yes</u>	No		
#7 Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No		
#8 Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	<u>Written on Cont./ Lid</u>	
#9 Container label(s) legible and intact?	<u>Yes</u>	No	<u>Not Applicable</u>	
#10 Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No		
#11 Containers supplied by ELOT?	<u>Yes</u>	No		
#12 Samples in proper container/ bottle?	<u>Yes</u>	No	<u>See Below</u>	
#13 Samples properly preserved?	<u>Yes</u>	No	<u>See Below</u>	
#14 Sample bottles intact?	<u>Yes</u>	No		
#15 Preservations documented on Chain of Custody?	<u>Yes</u>	No		
#16 Containers documented on Chain of Custody?	<u>Yes</u>	No		
#17 Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	<u>See Below</u>	
#18 All samples received within sufficient hold time?	<u>Yes</u>	No	<u>See Below</u>	
#19 Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>	
#20 VOC samples have zero headspace?	<u>Yes</u>	No	<u>Not Applicable</u>	

### Variance Documentation

Contact: \_\_\_\_\_ Contacted by: \_\_\_\_\_ Date/ Time: \_\_\_\_\_

Regarding: \_\_\_\_\_

Corrective Action Taken:

Check all that Apply:

☐  
☐  
☐

See attached e-mail/ fax  
 Client understands and would like to proceed with analysis  
 Cooling process had begun shortly after sampling event