

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: <u>Chevron MidContinent Alaska</u> Telephone: <u>(505) 394-1237</u> e-mail address: <u>BillyAnderson@chevron.com</u>		
Address: <u>Box 1949, Eunice, NM 88231</u>		
Facility or well name: <u>Rollon Brunson #8</u> #: <u>30-025-38385</u> U/L or Qtr/Qtr <u>G</u> Sec <u>10</u> T <u>22S</u> R <u>37E</u>		
County: <u>Lea</u> Latitude <u>N 32 deg 40'29"</u> Longitude <u>W 103 deg 14'69"</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input type="checkbox"/> Indian <input checked="" type="checkbox"/>		
<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>7000</u> bbl	<b>Below-grade tank</b> 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) 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)	
<b>Ranking Score (Total Points)</b> 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 were 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: August 8, 2007

Printed Name/Title: Billy A. Anderson, HES Specialist

Signature

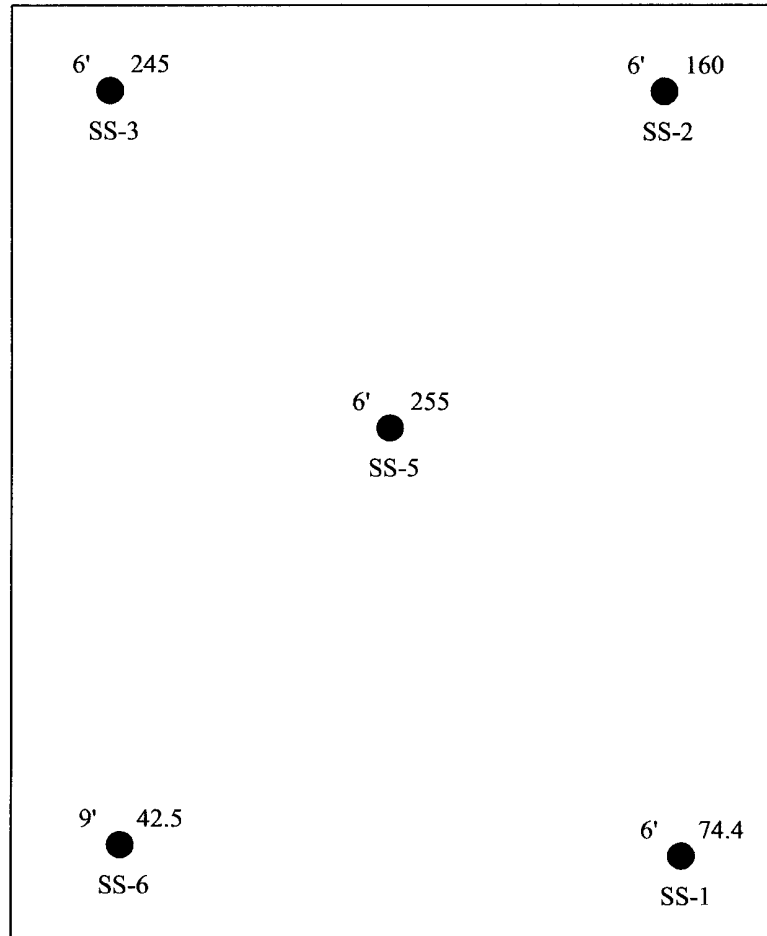
Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with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

Approval:

Printed Name/Title: L JOHNSON - ENVIRO ENGR


Signature

Date: 8.15.07

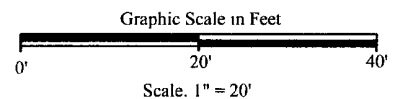


Sample Location GPS Coordinates		
SS-1	N32°24.449'	W103°08.821'
SS-2	N32°24.458'	W103°08.828'
SS-3	N32°24.456'	W103°08.838'
SS-5	N32°24.451'	W103°08.831'
SS-6	N32°24.443'	W103°08.831'

### LEGEND

6' 74.4  
  
 SS-1

Soil sample location, taken on 8-3-07 at depth, feet, with chloride concentration (mg/kg).



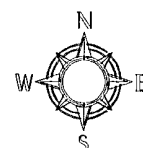
**FIGURE # 2**

LEA COUNTY, NEW MEXICO



Rollon Brunson #8  
 Sec.10, T22S, R37E

Site Drawing



DATE: 8-11-07  
 NAME: CHH  
 PROJECT NO.: 0807-001B

Ocotillo  
 ENVIRONMENTAL

# **Analytical Report 287280**

**for**

**Ocotillo Environmental, LLC**

**Project Manager: Cindy Crain**

**Chevron Rollon Brunson # 8**

**7-0903**

**06-AUG-07**



**12600 West I-20 East Odessa, Texas 79765**

**A Xenco Laboratories Company**

**NELAC certification numbers:**

**Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675**

**Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America**



06-AUG-07

Project Manager: **Cindy Crain**  
**Ocotillo Environmental, LLC**  
2125 French Drive  
P.O. Box 1816  
Hobbs, NM 88241

Reference: XENCO Report No: **287280**  
**Chevron Rollon Brunson # 8**  
Project Address: Lea County, NM

**Cindy Crain:**

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 287280. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 287280 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink, appearing to read "Brent Barron", is written over a horizontal line.

**Brent Barron**

Odessa Laboratory Director

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*Certified and approved by numerous States and Agencies.*

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# Certificate of Analysis Summary 287280

Ocotillo Environmental, LLC, Hobbs, NM

Project Name: Chevron Rollon Brunson # 8

Project Id: 7-0903

Contact: Cindy Crain

Project Location: Lea County, NM

Date Received in Lab: Fri Aug-03-07 03:17 pm


Report Date: 06-AUG-07

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	287280-001	287280-002	287280-003	287280-004	287280-005	
	<i>Field Id:</i>	SS-1	SS-2	SS-3	SS-5	SS-6	
	<i>Depth:</i>	6-6 ft	6-6 ft	6-6 ft	6-6 ft	9-9 ft	
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	
	<i>Sampled:</i>	Aug-03-07 09:53	Aug-03-07 09:56	Aug-03-07 09:58	Aug-03-07 10:01	Aug-03-07 11:33	
<b>Total Chloride by EPA 325.3</b>	<i>Extracted:</i>	Aug-06-07 13:30	Aug-06-07 13:30	Aug-06-07 13:30	Aug-06-07 13:30	Aug-06-07 13:30	
	<i>Analyzed:</i>	Aug-06-07 13:30	Aug-06-07 13:30	Aug-06-07 13:30	Aug-06-07 13:30	Aug-06-07 13:30	
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	
Chloride		74.4 5.00	160 5.00	245 5.00	255 5.00	42.5 5.00	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

  
Brent Barron  
Odessa Laboratory Director



## Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.

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5332 Blackberry Drive, Suite 104, San Antonio, TX 78238  
2505 N. Falkenburg Rd., Tampa, FL 33619  
5757 NW 158th St, Miami Lakes, FL 33014

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(201) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555



## Blank Spike Recovery



**Project Name: Chevron Rollon Brunson # 8**

**Work Order #: 287280**

**Project ID:**

**7-0903**

**Lab Batch #: 701706**

**Sample: 701706-1-BKS**

**Matrix: Solid**

**Date Analyzed: 08/06/2007**

**Date Prepared: 08/06/2007**

**Analyst: LATCOR**

**Reporting Units: mg/kg**

**Batch #: 1**

### BLANK/BLANK SPIKE RECOVERY STUDY

<b>Total Chloride by EPA 325.3</b>	<b>Blank Result [A]</b>	<b>Spike Added [B]</b>	<b>Blank Spike Result [C]</b>	<b>Blank Spike %R [D]</b>	<b>Control Limits %R</b>	<b>Flags</b>
<b>Analytes</b>						
Chloride	ND	100	91.5	92	75-125	

Blank Spike Recovery [D] =  $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes.



## Form 3 - MS / MSD Recoveries



Project Name: Chevron Rollon Brunson # 8

Work Order #: 287280

Project ID: 7-0903

Lab Batch ID: 701706

QC- Sample ID: 287280-001 S

Batch #: 1 Matrix: Soil

Date Analyzed: 08/06/2007

Date Prepared: 08/06/2007

Analyst: LATCOR

Reporting Units: mg/kg

Total Chloride by EPA 325.3  Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Chloride	74.4	500	489	83	500	489	83	0	75-125	30	

Matrix Spike Percent Recovery  $[D] = 100 * (C - A) / B$   
Relative Percent Difference  $RPD = 200 * (D - G) / (D + G)$

Matrix Spike Duplicate Percent Recovery  $[G] = 100 * (F - A) / E$

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not  
ApplicableN = See Narrative, EQL = Estimated Quantitation Limit



## Environmental Lab of Texas

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East  
Ooessa, Texas 79765Phone: 432-563-1300  
Fax: 432-563-1711

Project Manager Cindy Crain

Company Name Ocelot Environmental, LLC

Company Address PO Box 1816

City/State/Zip Lubbock, NM 88241

Telephone No. (505) 441-7244 Fax No. (432) 272-0304

Sampler Signature: Steve Crain

Project Name Chlorine Release from #10

Project # 7-4903

Project Loc. Lea County, NM

PO #

Report Format ☒ Standard ☐ EPA ☐ Other

LAB # (lab use only)		FIELD CODE		Beginning Depth	Ending Depth	Depth of Sample	Time Sampled	Field Notes	Total # of Containers	Preservation & # of Containers					Matrix	Analyze For																				
										Acid	Alkaline	Neutral	Other (Specify)	Other (Specify)	TPH	4-B	8-B	10-B	15-B	20-B	25-B	30-B	35-B	40-B	45-B	50-B	55-B	60-B	65-B	70-B	75-B	80-B	85-B	90-B	95-B	100-B
01	SS-1	6'	6'	8-3-07	9:55																															
02	SS-2	6'	6'		9:56																															
03	SS-3	6'	6'		9:57																															
04	SS-5	6'	6'		10:01																															
05	SS-6	6'	6'		10:53																															

Special Instructions				Laboratory Comments			
Relinquished by	Date	Time	Received by	Date	Time	Sample Containers Intact?	
<u>Steve Crain</u>	<u>8-3-07</u>	<u>15:17</u>				VOCs Free of Headspace?	
Relinquished by	Date	Time	Received by	Date	Time	Label on container(s) On lid	
						Custody seals on container(s)	
Relinquished by	Date	Time	Received by	Date	Time	Custody seals on cooler(s)	
						Sample Hand Delivered	
						by Sample Chain Rep	
						by Sample Chain Rep	
						Temperature Unit: <u>°F</u>	

Chlorine

**Environmental Lab of Texas**  
Variance/ Corrective Action Report- Sample Log-In

Client Acetille Env.  
Date/ Time 8/3/07 3:17  
Lab ID # 281280  
Initials GL

**Sample Receipt Checklist**

				Client Initials
#1	Temperature of container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	5.5 °C
#2	Shipping container in good condition?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#3	Custody Seals intact on shipping container/ cooler?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<del>Not Present</del>
#4	Custody Seals intact on sample bottles/ container?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<del>Not Present</del>
#5	Chain of Custody present?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#6	Sample instructions complete of Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#7	Chain of Custody signed when relinquished/ received?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#8	Chain of Custody agrees with sample label(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	ID written on Cont / Lid
#9	Container label(s) legible and intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#11	Containers supplied by ELDT?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#12	Samples in proper container/ bottle?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below
#13	Samples properly preserved?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below
#14	Sample bottles intact?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#15	Preservations documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#16	Containers documented on Chain of Custody?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
#17	Sufficient sample amount for indicated test(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below
#18	All samples received within sufficient hold time?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	See Below
#19	Subcontract of sample(s)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<del>Not Applicable</del>
#20	VOC samples have zero headspace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Not Applicable

**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