

# RAM SERVICES CORPORATION

CIMAREX ENERGY CO.

WINNINGHAM # 9 WELL SITE

API # 30025286370000

## C141 SITE REMEDIATION PLAN

PROJECT REF: RAM-06-001

UL-B (NW¼ OF THE NE¼) OF SECTION 30 T25S R37E

LATITUDE: N32° 06.411'

LONGITUDE: 103° 11.980'

~1.1 MILES SW (BEARING 214°) OF THE INTERSECTION OF NM HWY 18  
AND NM HWY 128

CITY OF JAL

LEA COUNTY, NEW MEXICO

March 3, 2007

PREPARED FOR RAM SERVICES INCORPORATED BY

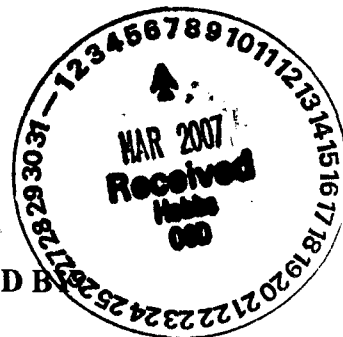
**HUNGRY HORSE, LLC**

ENVIRONMENTAL SERVICES

JOHN GOOD - PROJECT MANAGER/CONSULTANT

3709 S. Eunice Hwy, P.O. Box 1058, Hobbs, New Mexico 88241

(505) 393-3386; Fax (505) 393-3386; Mobile (505) 391-4585



incident - n PAC0707925911  
application - p PAC0707926105

RP# 1243

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*\*all printed copies of this document will have photocopies of all laboratory documentation included; electronically transmitted copies will not have reports included.*

## 1.0 Introduction and Background

This report addresses the proposed risk-based remediation of the Cimarex Energy Co. (CIMAREX) – Winningham No. 9 release site. This C141 Remediation Plan is based on the results of the Soil and Ground Water Investigation conducted according to the plan submitted to NMOCD on November 7, 2006. The 60-bbl release of produced water occurred during the night of August 22, 2006 when the valves of a parked Ram Services Inc. (RAM) vacuum truck were maliciously opened.

The CIMAREX Willingham No. 9 production well and associated drilling pit are located on privately owned land in Unit Letter B, (NW¼ of the NE¼), Section 30, T25S, R37E. . The GPS coordinates are: Latitude: N32° 06.411'; Longitude: 103° 11.980'. A location map, topographical map, aerial photo of the site and a site detail drawing are included as Plates 1-4 in the Attachments.

### CONTACT INFORMATION

RAM Services Incorporated:

Brad Roberts, RAM Services Inc., Owner  
Phone: 505-395-3502 email: [ariesbradstar@aol.com](mailto:ariesbradstar@aol.com)  
Mailing Address: P.O. Drawer 1265, Jal, NM 88252-1265

Hungry Horse, LLC:

Jerry Brian, General Manager/Registered Environmental Manager  
Phone: 505-393-3386 email: [jrbrian@verizon.net](mailto:jrbrian@verizon.net)  
Mailing Address: P.O. Box 1058, Hobbs, NM 88241

## 2.0 Site Description

### **2.1 Geological Description**

The United States Geological Survey (USGS) Ground-Water Report 6, "Geology and Ground-Water Conditions in Southern Lea County, New Mexico," A. Nicholson and A. Clebsch, 1961, describes the near surface geology of southern Lea County as "an intergrade of the Quaternary Alluvium (QA) sediments, i.e., fine to medium sand, with the mostly eroded Cenozoic Ogallala (CO) formation. Typically, the QA and CO formations in the area are capped by a thick interbed of caliche and generally overlain by sandy soil." The release site is located at the southern extent of the Eunice Plain physiographic subdivision, described by Nicholson & Clebsch as an area "underlain by a hard caliche surface that is almost entirely covered by reddish-brown dune sand". The thickness of the sand cover ranges from 2-5 feet in most areas to as much as 20-30 feet in drift areas (*Nicholson & Clebsch - 1961*).

### **2.2 Ecological Description**

The area is typical of the Upper Chihuahuan Desert Biome consisting primarily of hummocky sand hills covered with Harvard Shin Oak (*Quercus harvardi*) interspersed with Honey Mesquite (*Prosopis glandulosa*) along with typical desert grasses, flowering annuals and flowering perennials. Mammals represented, include Orrd's and Merriam's Kangaroo Rat, Deer Mouse, White Throated Wood Rat, Cottontail Rabbit, Black Tailed Jackrabbit, Mule Deer, Bobcat, Red Fox and Coyote. Reptiles, Amphibians, and Birds are numerous

and typical of area. A survey of Listed, Threatened, or Endangered species was not conducted.

### **2.3 Area Ground Water**

Based on available evidence, depth to ground water is projected to be >175-feet below ground surface (bgs).

### **2.4 Area Water Wells**

There are no recorded or observed water wells within 1000 horizontal feet of the site.

### **2.5 Area Surface Water Features**

No permanent surface water bodies exist within 1000 horizontal feet of the site.

## **3.0 Contaminant and Size of Area**

The primary Contaminants of Concern (COC's) are total chlorides and, to a lesser extent, petroleum based hydrocarbons. The release affected area is irregular in shape with the primary affected area extending approximately 120-ft north of the battery fence line. The east-west extent is a maximum of 210-ft. The calculated area of the total release is ~19,100-ft<sup>2</sup> (see Plate 4, Attachments).

The work-over fluids associated with this release are considered RCRA Exempt oilfield waste. No evidence of other contaminants was observed.

## **4.0 NMOCD Site Ranking Table**

Preliminary investigation and evaluation of this site indicate that the chemical parameters of the soil and the physical parameters of the ground water are characterized consistent with the characterization and remediation/abatement goals and objectives set forth in the following New Mexico Oil Conservation Division (NMOCD) publications:

- *Guidelines for Remediation of Leaks, Spills and Releases (August 13, 1993)*
- *Unlined Surface Impoundment Closure Guidelines (February 1993)*

Acceptable thresholds for contaminants/constituents of concern (CoCs), i.e., TPH<sup>8015m</sup>, Benzene, and the mass sum of Benzene, Toluene, Ethyl Benzene, and total Xylenes (BTEX<sup>8260</sup>), was determined based on the NMOCD Ranking Criteria as follows:

- *Depth to Ground water, i.e., distance from the lower most acceptable concentration to the ground water.*
- *Wellhead Protection Area, i.e., distance from fresh water supply wells.*
- *Distance to Surface Water Body, i.e., horizontal distance to all down gradient surface water bodies.*

Based on the proximity of the site to area water wells, surface water bodies, and depth to ground water from the lower most contamination, the NMOCD ranking score for the site is 0 points with the soil remedial goals highlighted in the Site Ranking Table on the following page.

**NMOCD Site Ranking Table**

1. GROUND WATER	2. WELLHEAD PROTECTION	3. DISTANCE TO SURFACE WATER	
DEPTH TO GW <50 FEET: 20 POINTS	IF <1000' FROM WATER SOURCE, OR; <200' FROM PRIVATE DOMESTIC WATER SOURCE: 20 POINTS	<200 HORIZONTAL FEET: 20 POINTS	
DEPTH TO GW 50 TO 99 FEET: 10 POINTS		200-1000 HORIZONTAL FEET: 10 POINTS	
DEPTH TO GW >100 FEET: 0 POINTS	IF >1000' FROM WATER SOURCE, OR; >200' FROM PRIVATE DOMESTIC WATER SOURCE: 0 POINTS	>1000 HORIZONTAL FEET: 0 POINTS	
GROUND WATER SCORE = 0	WELLHEAD PROTECTION SCORE= 0	SURFACE WATER SCORE= 0	
SITE RANK (1+2+3) = 0 + 0 + 0 = 0 POINTS			
TOTAL SITE RANKING SCORE AND ACCEPTABLE REMEDIAL GOAL CONCENTRATIONS			
PARAMETER	20+	10	0
BENZENE	10 PPM	10 PPM	10 PPM
BTEX	50 PPM	50 PPM	50 PPM
TPH	100 PPM	1000 PPM	5000 PPM

## 5.0 Proposed Remediation

The delineation of the vertical and horizontal contamination extents were accomplished with the drilling and sampling of thirteen boreholes within or beyond the perimeter of the contaminated area. Maximum boring depth was 60-ft bgs at the BH #1 and BH #2 locations in the center of the release affected area. Analytical results and drawings of all boreholes are included in the Attachments. The delineation of the site yielded expected results: a) the vertical chloride contamination from the 2520-gal produced water release from the Ram Services vacuum truck was limited to the top 3-ft throughout most of the confined release area; b) the central area of the release area was more deeply penetrated (10 to 15-ft) due to pooling of the released fluids; and c) the central area chloride contamination from the truck release merged with the existing reserve pit contamination which extends as deep as 55-ft bgs at the BH #2 location.

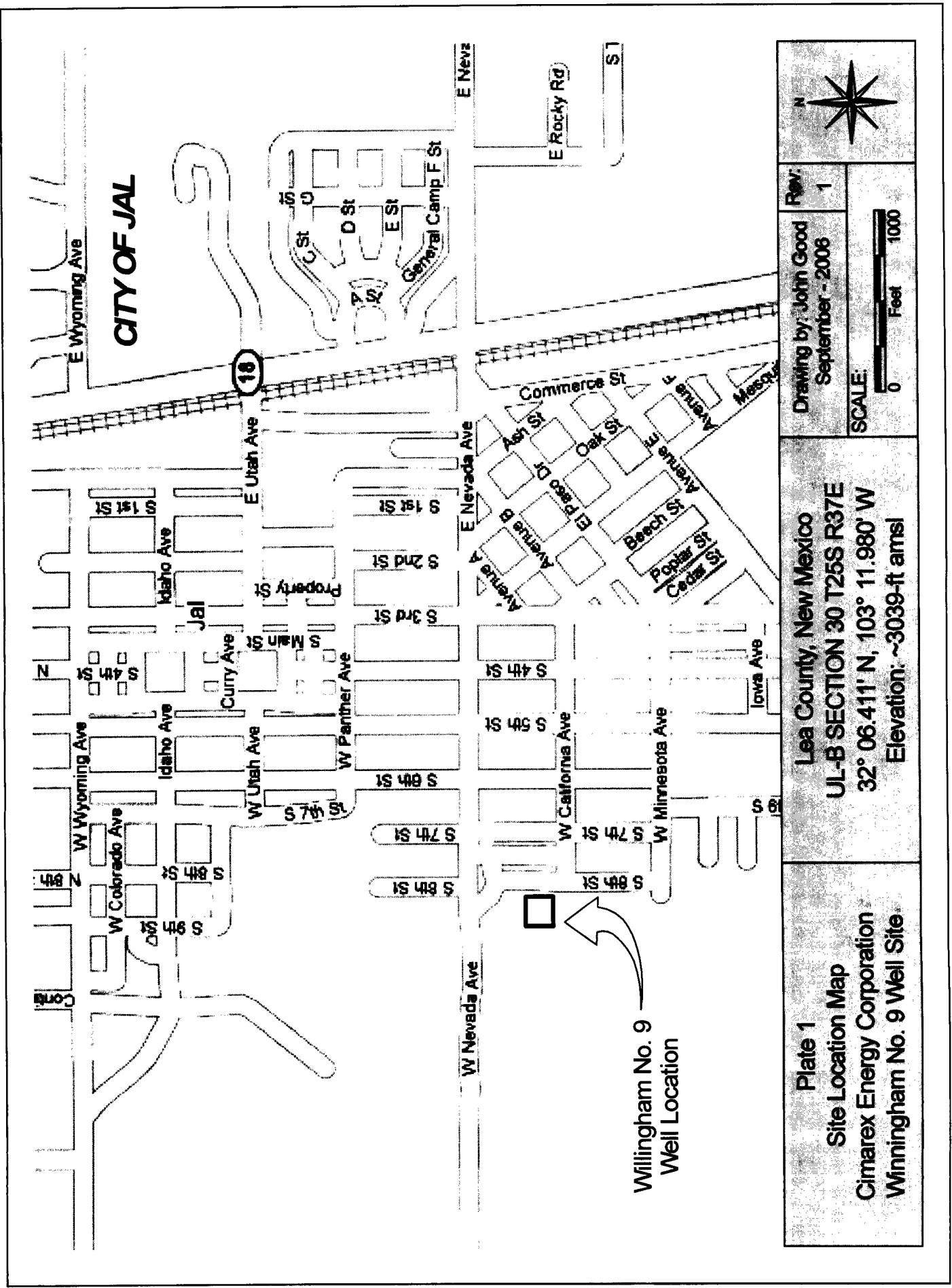
Remedial goals at this site are to protect the ground water located ~175-ft bgs, and to restore the release affected surface area to allow re-vegetation. Ram Services, Inc. proposes the following remedial actions at the Cimarex Winningham #9 site:

1. The surface of the entire release affected area (~19,100-ft<sup>2</sup>) will be excavated to a depth of 3-ft bgs and disposed of at a facility approved by NMOCD to receive chloride contaminated soil. Approximately 2,100-yd<sup>3</sup> of contaminated soil will be removed.
2. After excavation and disposal, a 180-ft X 100-ft, 20-mil, woven plastic liner will be installed over the existing reserve pit at the 3-ft bgs level (*see Plate 6, attachments*).
3. After liner installation, the entire excavated volume will be backfilled with clean top-soil from an, as yet, undetermined off-site source.
4. The site will be re-seeded as per the preferences of the landowner.

## ATTACHMENTS

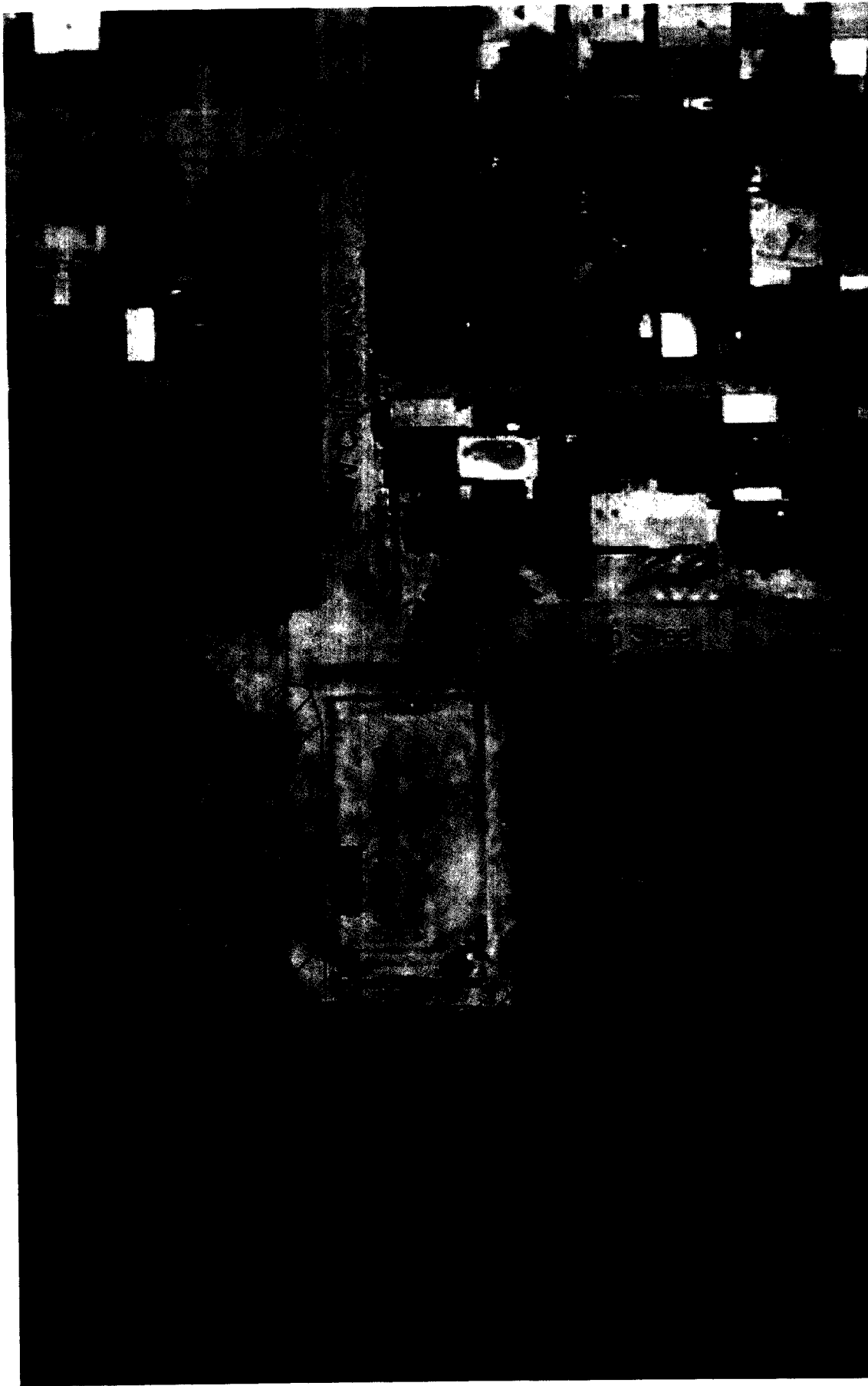
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**Plate 3**

Well Site/Pit Aerial Photo  
Cimarex Energy Corporation  
Winningham No. 9 Well Site

Lea County, New Mexico  
UL-B SECTION 30 T25S R37E  
32° 06.41' N, 103° 11.980' W  
Elevation: ~3039-ft amsl

Drawing by: John Good  
November - 2006

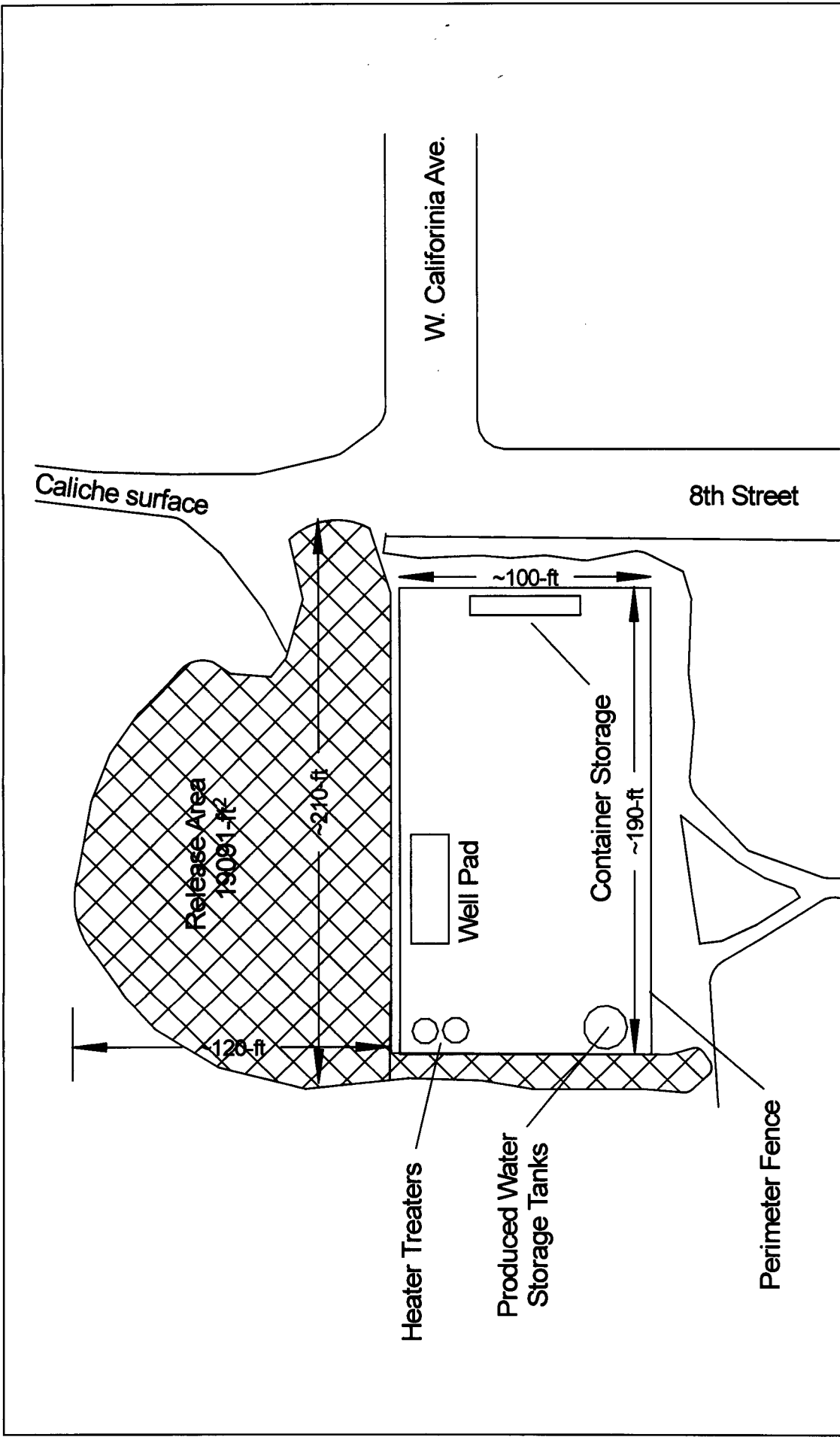
Rev:

2

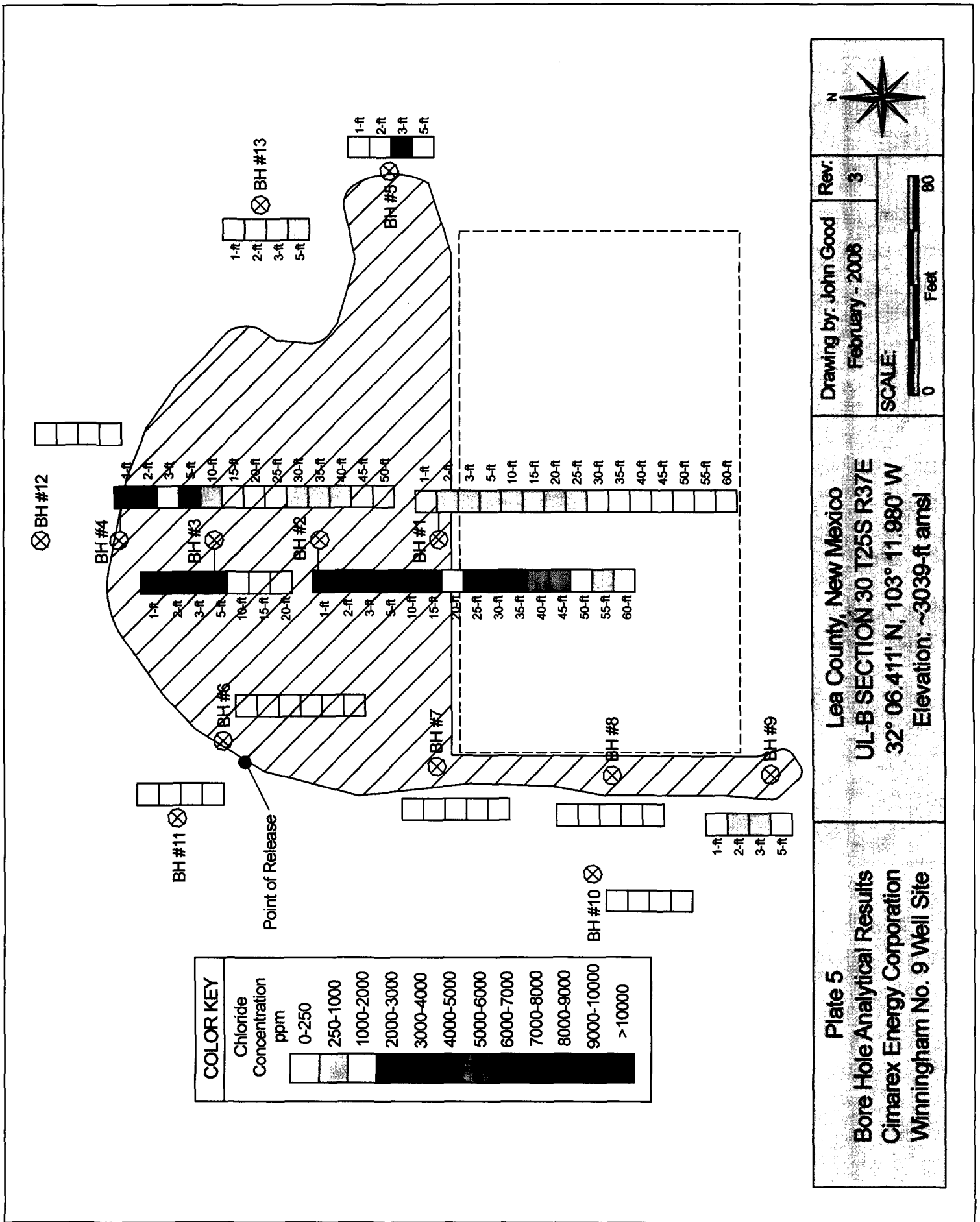
SCALE:

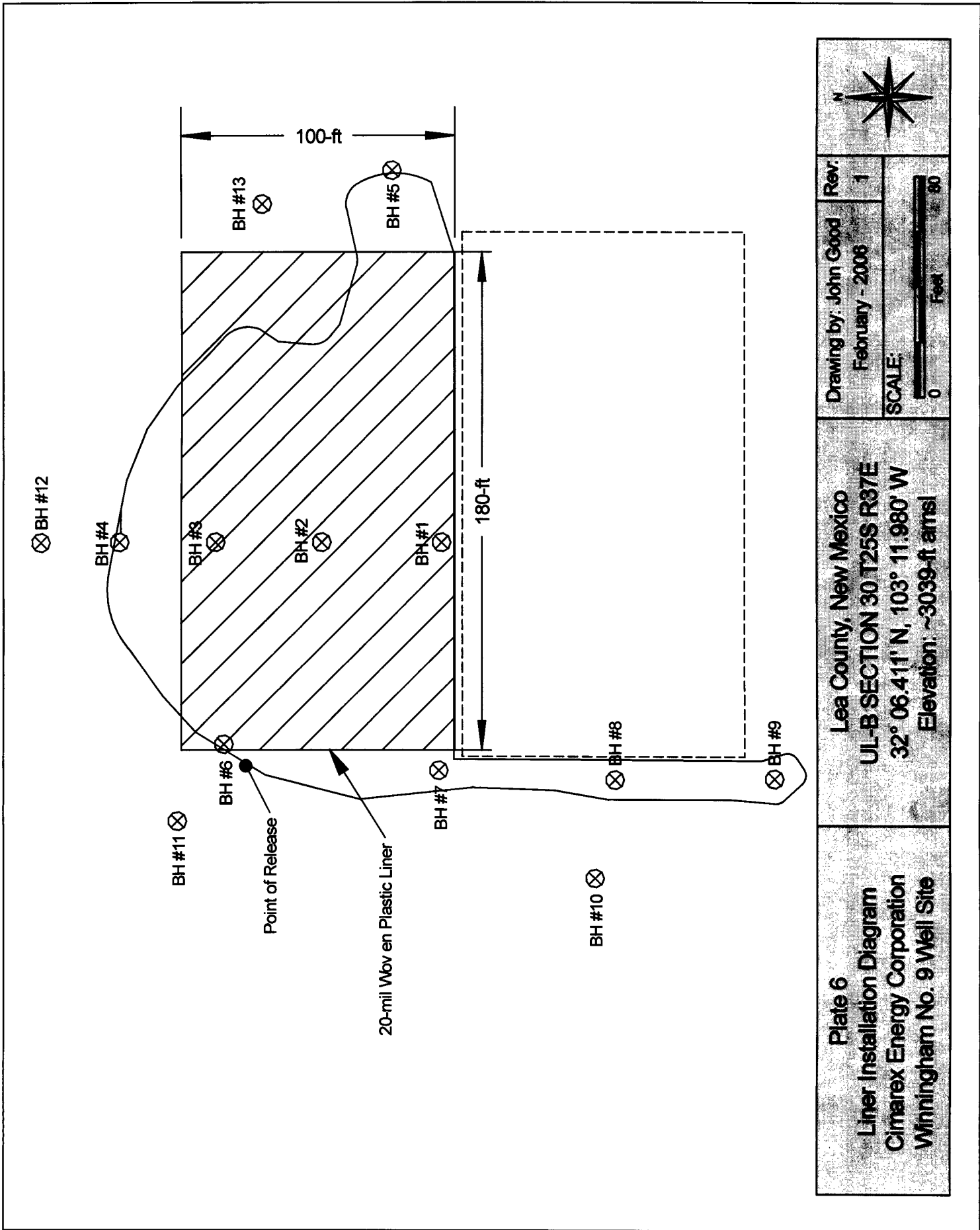
0 Feet 200





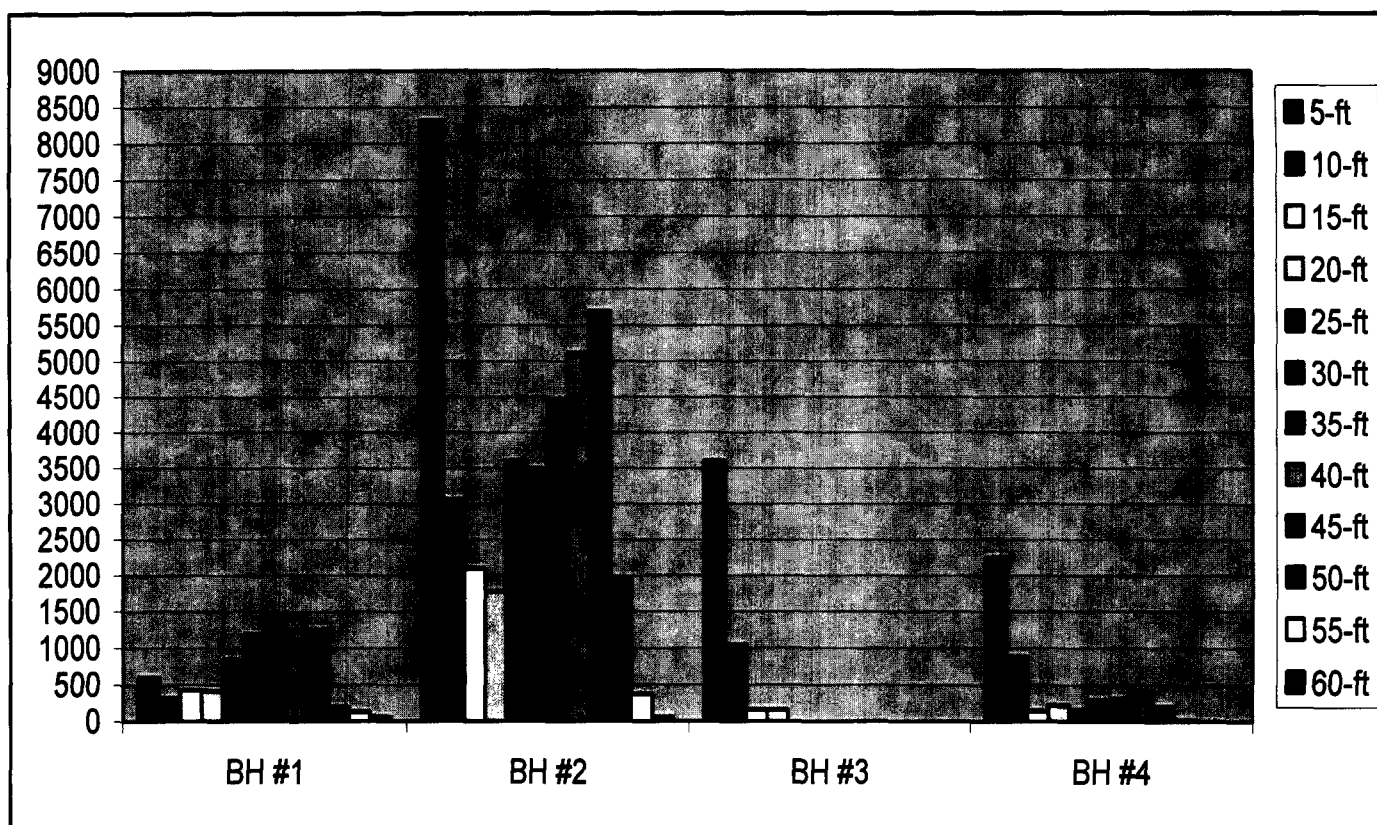
<p><b>Plate 4</b></p> <p><b>Site Detail Drawing</b></p> <p><b>Cimarex Energy Corporation</b></p> <p><b>Winningham No. 9 Well Site</b></p>	<p><b>Lea County, New Mexico</b></p> <p><b>UL-B SECTION 30 T25S R37E</b></p> <p><b>32° 06.41' N, 103° 11.98' W</b></p> <p><b>Elevation: ~3039-ft amsl</b></p>	<p><b>Drawing by: John Good</b></p> <p><b>November - 2006</b></p> <p><b>Rev: 2</b></p> <p><b>SCALE:</b></p> <p>0 100 Feet</p> <p><b>N</b></p>
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Sample	TOTAL CHLORIDE ION ANALYTICAL RESULTS												
Depth <sup>1</sup>	BH #1	BH #2	BH #3	BH #4	BH #5	BH #6	BH #7	BH #8	BH #9	BH #10	BH #11	BH #12	BH #13
1-ft	208	8480	19194	2319	48	16	48	192	128	16	16	16	48
2-ft	480	6798	7358	2159	64	32	48	256	400	16	16	16	128
3-ft	640	8317	4399	1839	4178	240	128	240	624	16	16	32	176
5-ft	600	8317	3599	2239	112	208	208	240	16	16	16	16	368
10-ft	320	3055	1040	880		32	16	32					
15-ft	432	2095	160	144		32							
20-ft	416	1775	160	224									
25-ft	832	3599		160									
30-ft	1184	3487		288									
35-ft	1440	4463		304									
40-ft	1440	5118		416									
45-ft	1248	5694		208									
50-ft	192	1951		16									
55-ft	128	368											
60-ft	64	64											

<sup>1</sup>bgs (below ground surface) Note: Values are mg/Kg (ppm) Total Chloride ion concentration. The detection limit (16 mg/Kg) is considered a "de minimus" value and reported as such.



# HYDROCARBON ANALYTICAL RESULTS

Sample Location	Sample Depth <sup>1</sup>	GRO <sup>2</sup> mg/Kg	DRO <sup>3</sup> mg/Kg	TPH <sup>4</sup> mg/Kg	BTEX <sup>5</sup> mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethyl Benzene mg/Kg	Total Xylenes mg/Kg
BH #1	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #2	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #3	1-ft	10	65.5	75.5	0.045	0.005	0.009	0.005	0.026
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #4	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #5	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #6	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #7	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #8	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #9	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #10	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #11	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #12	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
BH #13	1-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	2-ft	10	10	20	0.030	0.005	0.005	0.005	0.015
	3-ft	10	10	20	0.030	0.005	0.005	0.005	0.015

<sup>1</sup>bgs (below ground surface); <sup>2</sup>Gasoline Range Organics (detection limit = 10 mg/Kg); <sup>3</sup>Diesel Range Organics (detection limit = 10 mg/Kg); <sup>4</sup>TPH = sum of GRO-DRO; <sup>5</sup>BTEX = sum of Benzene, Toluene, Ethyl Benzene and Total Xylenes (detection limits = 0.005 mg/Kg; 0.015 mg/Kg); Note: Detection limits are considered "de minimus" values and are included in TPH and BTEX summations.

## 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-141

Revised June 10, 2003

**Oil Conservation Division**  
**1220 South St. Francis Dr.**  
**Santa Fe, NM 87505**

Submit 2 Copies to appropriate

District Office in accordance

with Rule 116 on back

side of form.

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report    ☐ Final Report

Name of Company	<b>Ram Services, Inc.</b>	Contact	<b>Clint Widener</b>
Address	<b>P.O. Drawer 1265      Jal, NM</b>	Telephone No.	<b>505-631-8886</b>
Facility Name	<b>Ram Services Truck Yard</b>	Facility Type	<b>Injection Well</b>

Surface Owner	<b>G. Fulfer</b>	Mineral Owner	<b>State of NM</b>	Lease No.	
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**LOCATION OF RELEASE** *AP# 30025286370000*

Unit Letter	Section	Township	Range	Feet from South Line	Feet from East Line	Longitude-W	Latitude-N	County
<b>B</b>	<b>30</b>	<b>25S</b>	<b>37E</b>	<b>660</b>	<b>980</b>	<b>103deg 11.980'</b>	<b>32deg 06.411'</b>	<b>Lea</b>

**NATURE OF RELEASE**

Type of Release	Volume of Release	Volume Recovered
<b>Produced Water</b>	<b>60    bbl</b>	<b>0            bbl</b>
Source of Release	Date and Hour of Occurrence	Date and Hour of Discovery
<b>Vacuum Truck</b>	<b>8/22/2006</b>	<b>8/23/06; 12:00 PM</b>
Was Immediate Notice Given?	If YES, To Whom?	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Not Required		
By Whom?	Date and Hour	
<b>Mike Warren - Apache Corporation</b>	<b>09/18/06</b>	
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<b>NA</b>	

If a Watercourse was Impacted, Describe Fully\*

Describe Cause of Problem and Remedial Action Taken. \*

**Valves opened on vacuum truck. NM State Police Officer Raynes (first responder), ordered that the affected area be covered with clean soil to absorb free fluids.**

Describe Area Affected and Cleanup Action Taken. \*

**The area affected is approximately 19,100-ft<sup>2</sup> immediately north of the Cimarex Winningham #9 tank and well location. Hungry Horse, LLC, Hobbs, NM contracted to perform site remediation.**

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<b>OIL CONSERVATION DIVISION</b>	
(original submittal signed by J. Brian)		
Printed Name:	Approved by District Supervisor: <i>Enrique E. Echeverria</i>	
<b>Jerry Brian (on behalf of Ram Services)</b>		
Title:	Approval Date:	Expiration Date:
<b>Project Manager, Hungry Horse LLC</b>	<b>3-14-07</b>	<b>6-14-07</b>
E-Mail Address:	Conditions of Approval:	
<b>jrbrian@verizon.net</b>		
Date:	Phone:	<input type="checkbox"/> Attached
<b>1/30/2007</b>	<b>505-390-6149</b>	

**HUNGRY HORSE, LLC**

15

Cimarex Winningham #9

*AP# 243*

Incident Date: 8/22/06 NMOCD Notified:

SITE: Ram Services Truck Yard Assigned Site Reference: Cimarex Winningham 9  
 Company: Ram Services, Inc.  
 Street Address:  
 Mailing Address: P.O. Drawer 1265  
 City, State, Zip: Jal, NM  
 Representative: Clint Widener  
 Representative Telephone: 505-631-8886

Telephone:  
 Fluid Volume Released (bbl): ~ 60 Volume Recovered (bbl): ~ 0 Net Release: ~ 60

>25 bbl: Notify NMOCD verbally within 24 hours and submit C-141 within 15 days.

5-25 bbl: Submit Form C-141 within 15 days. (Also applies to unauthorized release of >50 mcf Natural Gas).

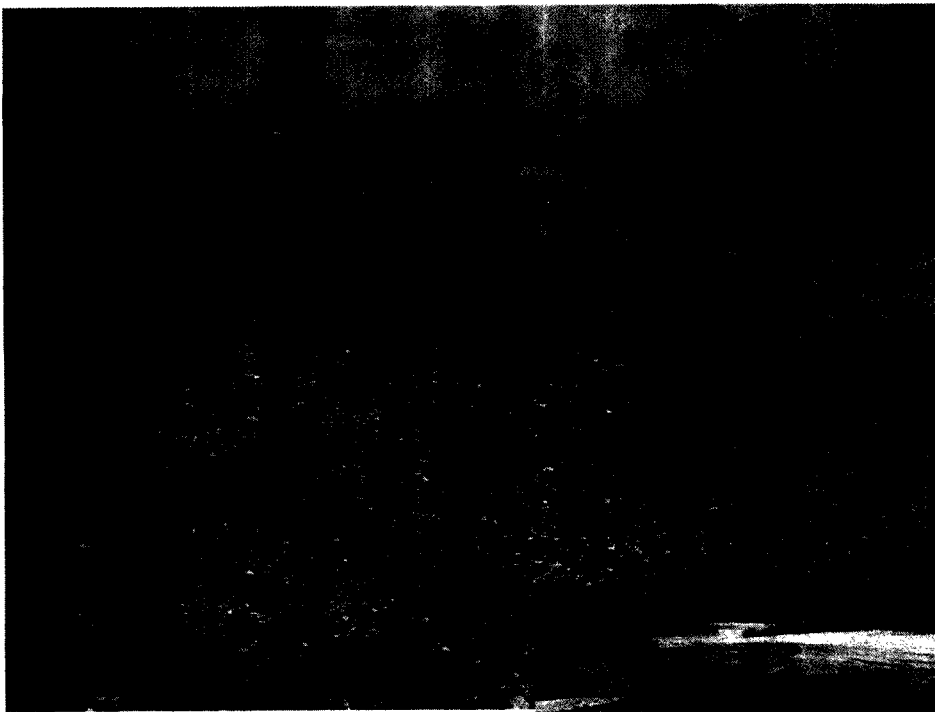
Leak, Spill, or Pit (LSP) Name: Ram Services Truck Yard  
 Source of Contamination: Vacuum Truck  
 Land Owner, i.e. BLM, ST, Fee, Other: G. Fulfer  
 LSP Dimensions: ~ 120' X 210'  
 LSP Area ~ 19100 -ft<sup>2</sup>  
 Location of Reference Point (RP):  
 Location distance and direction from RP:  
 Latitude: North 32deg 06.411'  
 Longitude: West 103deg 11.980'  
 Elevation above mean sea level (amsl): 3093 feet 942.7 meters  
 Distance from North Section Line (feet): 660  
 Distance from East Section Line (feet): 980  
 Location - Unit Letter and 1/4 1/4: UL- B NW - 1/4 of NE - 1/4  
 Location - Section 30  
 Location - Township 25S  
 Location - Range 37E  
 Surface water body within 1000' radius of site: 0  
 Surface water body within 1000' radius of site: 0  
 Domestic water wells within 1000' radius of site: 0  
 Domestic water wells within 1000' radius of site: 0  
 Agricultural water wells within 1000' radius of site: 0  
 Agricultural water wells within 1000' radius of site: 0  
 Public water supply wells within 1000' radius of site: 0  
 Public water supply wells within 1000' radius of site: 0  
 Depth (feet) from land surface to Ground Water (DG): ~ 175  
 Depth (feet) of lowest contamination (DC): 5  
 Depth (feet) to Ground Water (DG - DC = DtGW): ~ 170

1. Ground Water	2. Wellhead Protection Area	3. Distance to Surface Water
If Depth to GW <50-feet: 20 points	If <1000' from water source, or, <200' from private domestic water source: 20 points	<200 horizontal feet: 20 points
If Depth to GW 50 to 100-feet: 10 points	If >1000' from water source, or, >200' from private domestic water source: 0 points	200-1000 horizontal feet: 10 points
If Depth to GW >100-feet: 0 points		>1000 horizontal feet: 0 points
Ground Water Score: 0	Wellhead Protection Score: 0	Surface Water Score: 0
Site Ranking (1 + 2 + 3): 0		

**Total Site Ranking Score and Acceptable Concentrations**

Parameter	20 or >	10	0
Benzene <sup>1</sup>	10-ppm	10-ppm	10-ppm
BTEX <sup>1</sup>	50-ppm	50-ppm	50-ppm
TPH	100-ppm	1000-ppm	5000-ppm





Initial release – August 23, 2006



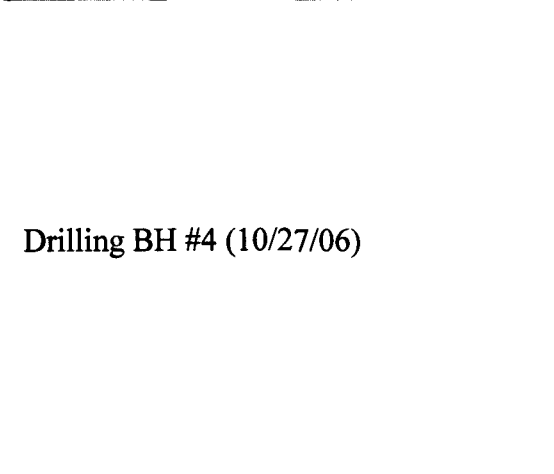
Initial release – August 23, 2006



Initial release – August 23, 2006



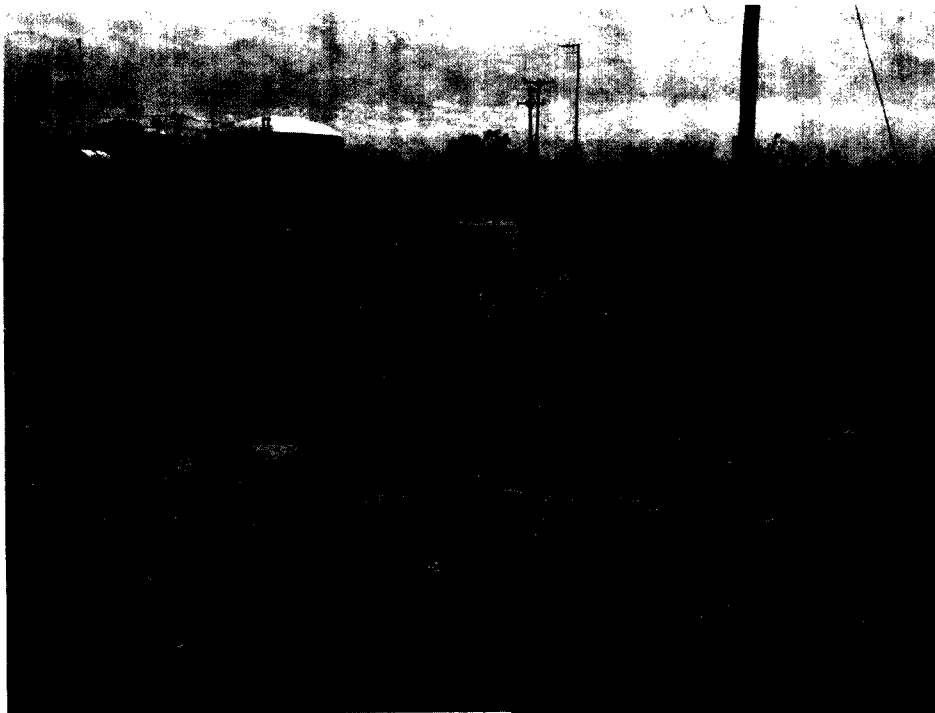
Drilling BH #1 (10/23/06)



Drilling BH #4 (10/27/06)



Drilling BH #4 (10/27/06)



Boreholes 7, 8 and 9 – completed and plugged with bentonite

BH #1 – completed and plugged with bentonite



Boreholes 1, 2, 3 and 4 – completed and plugged with

# Cardinal Laboratories Analytical Reports

(Photocopies attached to printed reports)



# ARDINAL LABORATORIES

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

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

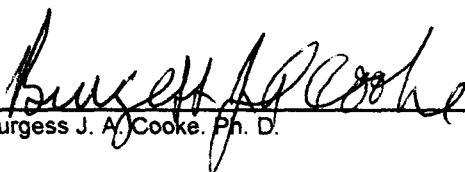
ANALYTICAL RESULTS FOR  
HUNGRY HORSE LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

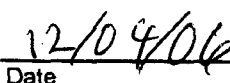
Receiving Date: 11/28/06  
Reporting Date: 12/04/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9-CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 11/21/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		11/29/06	11/29/06	12/01/06	12/01/06	12/01/06	12/01/06
H11841-1	BH 10 SURFACE	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-2	BH 10 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-3	BH 10 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-4	BH 10 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-5	BH 11 SURFACE	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-6	BH 11 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-7	BH 11 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-8	BH 11 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-9	BH 12 SURFACE	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-10	BH 12 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-11	BH 12 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-12	BH 12 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-13	BH 13 SURFACE	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-14	BH 13 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-15	BH 13 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11841-16	BH 13 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		735	742	0.104	0.102	0.101	0.291
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		91.9	92.7	104	102	101	97.0
Relative Percent Difference		2.0	2.6	0.2	0.7	0.5	1.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J. A. Cooke, Ph. D.

  
Date

H11841A

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/28/06  
Reporting Date: 12/07/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 11/21/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/kg)	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /kg)
ANALYSIS DATE:		12/06/06	12/06/06	12/06/06	12/06/06	11/29/06	11/30/06
H11841-1	BH 10 SURFACE	<1	128	38.9	24.60	122	368
H11841-2	BH 10 1' BGS	<1	128	38.9	27.3	136	448
H11841-3	BH 10 2' BGS	14	128	0.00	3.68	149	320
H11841-4	BH 10 3' BGS	<1	64.1	117	7.40	149	288
Quality Control		NR	48.1	48.6	2.77	1304	NR
True Value QC		NR	50.0	50.0	3.00	1413	NR
% Recovery		NR	96	97	92.0	92	NR
Relative Percent Difference		NR	0.0	0.0	8.3	1.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

	Cl <sup>-</sup> (mg/kg)	SO <sub>4</sub> (mg/kg)	CO <sub>3</sub> (mg/kg)	HCO <sub>3</sub> (mg/kg)	pH (s.u.)
ANALYSIS DATE:	12/04/06	12/05/06	11/30/06	11/30/06	11/29/06
H11841-1      BH 10 SURFACE	<16	< 1	0	449	7.93
H11841-2      BH 10 1' BGS	<16	< 1	0	547	8.01
H11841-3      BH 10 2' BGS	<16	34.1	0	390	8.05
H11841-4      BH 10 3' BGS	16	37.0	0	351	8.16
Quality Control	510	26.2	NR	952	7.00
True Value QC	500	25.0	NR	1000	7.00
% Recovery	102.0	105	NR	95	100
Relative Percent Difference	6.1	7.2	NR	3.1	0
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

*John S. Moreno*  
\_\_\_\_\_  
Chemist

12-07-06  
\_\_\_\_\_  
Date

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/28/06  
Reporting Date: 12/07/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 11/21/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/kg)	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /kg)
ANALYSIS DATE:		12/06/06	12/06/06	12/06/06	12/06/06	11/29/06	11/30/06
H11841-5	BH 11 SURFACE	<1	128	38.9	39.50	133	368
H11841-6	BH 11 1' BGS	4	128	38.9	29.9	137	496
H11841-7	BH 11 2' BGS	<1	128	38.9	5.52	131	304
H11841-8	BH 11 3' BGS	17	128	0.00	33.3	154	384
Quality Control		NR	48.1	48.6	2.77	1304	NR
True Value QC		NR	50.0	50.0	3.00	1413	NR
% Recovery		NR	96	97	92.0	92	NR
Relative Percent Difference		NR	0.0	0.0	8.3	1.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/kg)	SO <sub>4</sub> (mg/kg)	CO <sub>3</sub> (mg/kg)	HCO <sub>3</sub> (mg/kg)	pH (s.u.)
ANALYSIS DATE:		12/04/06	12/05/06	11/30/06	11/30/06	11/29/06
H11841-5	BH 11 SURFACE	<16	< 1	0	449	8.16
H11841-6	BH 11 1' BGS	<16	30.9	0	605	8.05
H11841-7	BH 11 2' BGS	<16	11.9	0	371	8.12
H11841-8	BH 11 3' BGS	<16	16.2	0	468	8.15
Quality Control		510	26.2	NR	952	7.00
True Value QC		500	25.0	NR	1000	7.00
% Recovery		102.0	105	NR	95	100
Relative Percent Difference		6.1	7.2	NR	3.1	0
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

*Jose S. Moreno*  
\_\_\_\_\_  
Chemist

*12-07-06*  
\_\_\_\_\_  
Date

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H11841A



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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

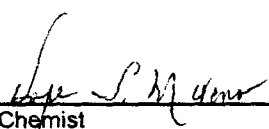
Receiving Date: 11/28/06  
Reporting Date: 12/07/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 11/21/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/kg)	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /kg)
ANALYSIS DATE:		12/06/06	12/06/06	12/06/06	12/06/06	11/29/06	11/30/06
H11841-9	BH 12 SURFACE	<1	128	38.9	27.8	134	416
H11841-10	BH 12 1' BGS	<1	192	38.9	11.0	176	432
H11841-11	BH 12 2' BGS	41	128	0.00	2.96	154	352
H11841-12	BH 12 3' BGS	<1	64.1	77.8	16.2	158	384
Quality Control		NR	48.1	48.6	2.77	1304	NR
True Value QC		NR	50.0	50.0	3.00	1413	NR
% Recovery		NR	96	97	92.0	92	NR
Relative Percent Difference		NR	0.0	0.0	8.3	1.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

	Cl <sup>-</sup> (mg/kg)	SO <sub>4</sub> (mg/kg)	CO <sub>3</sub> (mg/kg)	HCO <sub>3</sub> (mg/kg)	pH (s.u.)
ANALYSIS DATE:	12/04/06	12/05/06	11/30/06	11/30/06	11/29/06
H11841-9      BH 12 SURFACE	<16	< 1	0	508	8.08
H11841-10    BH 12 1' BGS	<16	88.2	0	527	8.09
H11841-11    BH 12 2' BGS	32	16.2	0	429	8.12
H11841-12    BH 12 3' BGS	16	14	0	468	8.14
Quality Control	510	26.2	NR	952	7.00
True Value QC	500	25.0	NR	1000	7.00
% Recovery	102.0	105	NR	95	100
Relative Percent Difference	6.1	7.2	NR	3.1	0
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Chemist

12-07-06  
Date

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/28/06  
Reporting Date: 12/07/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 11/21/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: HM  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/kg)	Ca (mg/kg)	Mg (mg/kg)	K (mg/kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /kg)
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ANALYSIS DATE:	12/06/06	12/06/06	12/06/06	12/06/06	11/29/06	11/30/06
H11841-13 BH 13 SURFACE	<1	128	77.8	57.30	171	496
H11841-14 BH 13 1' BGS	248	128	77.8	7.92	295	704
H11841-15 BH 13 2' BGS	170	192	0.00	14.5	326	384
H11841-16 BH 13 3' BGS	5	257	77.8	17.7	504	240
Quality Control	NR	48.1	48.6	2.77	1304	NR
True Value QC	NR	50.0	50.0	3.00	1413	NR
% Recovery	NR	96	97	92.0	92	NR
Relative Percent Difference	NR	0.0	0.0	8.3	1.0	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

Cl <sup>-</sup> (mg/kg)	SO <sub>4</sub> (mg/kg)	CO <sub>3</sub> (mg/kg)	HCO <sub>3</sub> (mg/kg)	pH (s.u.)
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ANALYSIS DATE:	12/04/06	12/05/06	11/30/06	11/30/06	11/29/06
H11841-13 BH 13 SURFACE	48	< 1	0	605	7.90
H11841-14 BH 13 1' BGS	128	292	0	859	8.21
H11841-15 BH 13 2' BGS	176	228	0	468	8.19
H11841-16 BH 13 3' BGS	368	228	0	293	8.09
Quality Control	510	26.2	NR	952	7.00
True Value QC	500	25.0	NR	1000	7.00
% Recovery	102.0	105	NR	95	100
Relative Percent Difference	6.1	7.2	NR	3.1	0
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Chemist

Date

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: J. BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585


Receiving Date: 11/01/06  
Reporting Date: 11/08/06  
Project Owner: RAM SERVICES  
Project Name: W. #9-CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
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ANALYSIS DATE:		11/08/06	11/08/06	11/07/06	11/07/06	11/07/06	11/07/06
H11745-1	BH #5 - 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11745-2	BH #5 - 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11745-3	BH #5 - 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11745-4	BH #6 - 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11745-5	BH #6 - 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11745-6	BH #6 - 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		776	780	0.102	0.101	0.103	0.297
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		97.0	97.5	102.0	101	103	99.0
Relative Percent Difference		2.7	4.8	2.8	2.7	2.8	1.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J. A. Cooke, Ph. D.

11/6/06  
Date

H11745A

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		11/07/06	11/06/06	11/06/06	11/07/06	11/03/06	11/06/06
H11745-1	B.H. 5 1' BGS	0	128	78	36.4	1320	320
H11745-2	B.H. 5 2' BGS	34	128	78	25.2	1276	320
H11745-3	B.H. 5 3' BGS	0	192	78	18.4	1592	160
Quality Control		NR	48.1	48.6	1.79	1424	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	90	101	NR
Relative Percent Difference		NR	0.0	0.0	4.6	0.4	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		11/04/06	11/04/06	11/06/06	11/06/06	11/03/06
H11745-1	B.H. 5 1' BGS	48	280	0	390	7.85
H11745-2	B.H. 5 2' BGS	64	324	0	390	8.11
H11745-3	B.H. 5 3' BGS	178	239	0	195	8.43
Quality Control		510	25.8	NR	976	7.08
True Value QC		500	25.0	NR	1000	7.00
% Recovery		102	103	NR	97.6	101
Relative Percent Difference		2.0	2.3	NR	0.0	0.7
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

*Erin L. Morand*  
\_\_\_\_\_  
Chemist

*11-10-06*  
\_\_\_\_\_  
Date

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# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11745-4	B.H. 6 1' BGS	0	257	0	28.4	576	640
H11745-5	B.H. 6 2' BGS	0	192	78	24.0	784	480
H11745-6	B.H. 6 3' BGS	46	257	39	30.4	1676	320
Quality Control		NR	48.1	48.6	1.79	1424	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	90	101	NR
Relative Percent Difference		NR	0.0	0.0	4.6	0.4	NR
METHODS:		SM3500-Ca-D		3500-Mg E		8049	120.1
						310.1	

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11745-4	B.H. 6 1' BGS	16	0	0	781	7.70
H11745-5	B.H. 6 2' BGS	32	102	0	586	7.70
H11745-6	B.H. 6 3' BGS	240	272	0	390	7.82
Quality Control		510	25.8	NR	976	7.05
True Value QC		500	25.0	NR	1000	7.00
% Recovery		102	103	NR	97.6	101
Relative Percent Difference		2.0	2.3	NR	0.0	0.4
METHODS:		SM4500-Cl-B		375.4	310.1	150.1

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

Chemist

Date

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11745-7	B.H. 5 5' BGS	94	192	39	14.9	1612	320
H11745-8	B.H.6 5' BGS	50	192	39	25.2	1380	320
H11745-9	B.H. 6 10' BGS	0	128	39	59.5	684	320
Quality Control		NR	48.1	48.6	1.79	1424	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	90	101	NR
Relative Percent Difference		NR	0.0	0.0	4.6	0.4	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11745-7	B.H. 5 5' BGS	112	371	0	390	7.80
H11745-8	B.H.6 5' BGS	208	162	0	390	7.77
H11745-9	B.H. 6 10' BGS	32	18	0	390	7.86
Quality Control		510	25.8	NR	976	7.05
True Value QC		500	25.0	NR	1000	7.00
% Recovery		102	103	NR	97.6	101
Relative Percent Difference		2.0	2.3	NR	0.0	0.4
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

*Jose S. Moreno*  
\_\_\_\_\_  
Chemist

*11-10-06*  
\_\_\_\_\_  
Date

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:	11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11745-10 B.H. 6 15' BGS	31	64	39	17.6	672	320
Quality Control	NR	48.1	48.6	1.79	1424	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	90	101	NR
Relative Percent Difference	NR	0.0	0.0	4.6	0.4	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
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ANALYSIS DATE:	11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11745-10 B.H. 6 15' BGS	32	43.8	0	390	7.93
Quality Control	510	25.8	NR	976	7.05
True Value QC	500	25.0	NR	1000	7.00
% Recovery	102	103	NR	97.6	101
Relative Percent Difference	2.0	2.3	NR	0.0	0.4
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Hope S. Morris  
Chemist

11-10-06  
Date

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

COMPANY NAME: <u>Hangar Horse</u>		P.O. #:		ANALYSIS REQUEST					
PROJECT MANAGER: <u>Jeffrey Brian</u>		Company:							
ADDRESS: <u>Box 1058</u>		Attn:							
CITY: <u>Abilene</u>		State: <u>NM</u> Zip: <u>88240</u>							
PHONE #: <u>393-3386</u>		Address:							
PROJECT #:		Project Owner: <u>Ram Services</u>							
PROJECT NAME: <u>W # 9 - Cinecex</u>		City:							
PROJECT LOCATION: <u>Lee County</u>		State:							
SAMPLER NAME: <u>Belton Beach</u>		Phone #:							
		Fax #:							
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING			
Lab I.D.		# CONTAINERS		(G)RAB OR (C)OMP		DATE		TIME	
H11745-1	B.H. 5'1' BGS	X					10-31-06	1:15	X
-2	B.H. 5'2' BGS								X
-3	B.H. 5'3' BGS								X
-4	B.H. 6'1' BGS								X
-5	B.H. 6'2' BGS								X
-6	B.H. 6'3' BGS								X
-7	B.H. 5'5' BGS								X
-8	B.H. 6'5' BGS								X
-9	B.H. 6'10' BGS								X
-10	B.H. 6'15' BGS								X

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 2 1/2% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Phone Result: ☐ Yes ☐ No  
Fax Result: ☐ Yes ☐ No

REMARKS:

Received By: Phil Walker Date: 11-1-06 Time: 4:55

Relinquished By: Jeffrey Brian Date: 11-1-06 Time: 4:55

Delivered By: (Circle One) UPS

Sample Condition Temp. °C 15 Checked By: Phil Walker (Initials) W.A.

Sampler - UPS - Bus - Other:



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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: J. BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/08/06  
Project Owner: RAM SERVICES  
Project Name: W. #9-CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		11/08/06	11/08/06	11/07/06	11/07/06	11/07/06	11/07/06
H11746-1	BH #7 - 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-2	BH #7 - 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-3	BH #7 - 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-4	BH #8 - 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-5	BH #8 - 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-6	BH #8 - 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-11	BH #9 - 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-12	BH #9 - 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11746-13	BH #9 - 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		776	780	0.102	0.101	0.103	0.297
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		97.0	97.5	102.0	101	103	99.0
Relative Percent Difference		2.7	4.8	2.8	2.7	2.8	1.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J. A. Cooke, Ph. D.

11/8/06  
Date

H11746A

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:	11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11746-1 B.H. 7 1' BGS	94	64	39	96.5	832	480
H11746-2 B.H. 7 2' BGS	147	64	39	25.0	848	480
H11746-3 B.H. 7 3' BGS	23	128	39	38.7	1052	320
Quality Control	NR	48.1	48.6	1.79	1424	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	90	101	NR
Relative Percent Difference	NR	0.0	0.0	4.6	0.4	NR
METHODS:	SM3500-Ca-D		3500-Mg E	8049	120.1	310.1

	Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
--	----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:	11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11746-1 B.H. 7 1' BGS	48	95.7	0	586	8.18
H11746-2 B.H. 7 2' BGS	48	119	0	586	8.05
H11746-3 B.H. 7 3' BGS	128	77.8	0	390	7.74
Quality Control	510	25.8	NR	976	7.05
True Value QC	500	25.0	NR	1000	7.00
% Recovery	102	103	NR	97.6	101
Relative Percent Difference	2.0	2.3	NR	0.0	0.4
METHODS:	SM4500-Cl-B		375.4	310.1	150.1

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

Chemist

Date

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HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585


Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

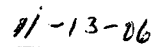
Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11746-4	B.H. 8 1' BGS	58	257	78	26.6	2124	320
H11746-5	B.H. 8 2' BGS	62	257	39	13.3	1880	320
H11746-6	B.H. 8 3' BGS	33	192	78	23.6	1568	320
Quality Control		NR	48.1	48.6	1.79	1424	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	90	101	NR
Relative Percent Difference		NR	0.0	0.0	4.6	0.4	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

	Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:	11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11746-4	192	512	0	390	7.70
H11746-5	256	263	0	390	7.73
H11746-6	240	236	0	390	7.88
Quality Control	510	25.8	NR	976	7.05
True Value QC	500	25.0	NR	1000	7.00
% Recovery	102	103	NR	97.6	101
Relative Percent Difference	2.0	2.3	NR	0.0	0.4
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
\_\_\_\_\_  
Chemist

  
\_\_\_\_\_  
Date

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FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:	11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11746-7 B.H. 7 5' BGS	24	192	78	4.3	1420	320
H11746-8 B.H. 7 10' BGS	0	64	78	8.4	736	160
H11746-9 B.H. 8 5' BGS	93	449	117	64.1	3064	320
Quality Control	NR	48.1	48.6	1.79	1424	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	90	101	NR
Relative Percent Difference	NR	0.0	0.0	4.6	0.4	NR
METHODS:	SM3500-Ca-D		3500-Mg E	8049	120.1	310.1

	Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
--	----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:	11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11746-7 B.H. 7 5' BGS	208	236	0	390	7.62
H11746-8 B.H. 7 10' BGS	16	128	0	195	7.84
H11746-9 B.H. 8 5' BGS	240	1182	0	390	7.62
Quality Control	510	25.8	NR	976	7.05
True Value QC	500	25.0	NR	1000	7.00
% Recovery	102	103	NR	97.6	101
Relative Percent Difference	2.0	2.3	NR	0.0	0.4
METHODS:	SM4500-Cl-B		375.4	310.1	150.1

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

*Jose L. Moreno*  
Chemist

*11-13-06*  
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. ~~H11746-9~~ Cardinal shall 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.



# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

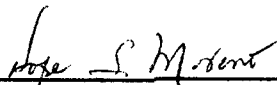
Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11746-10	B.H. 8 10' BGS	0	128	78	25.0	720	320
H11746-11	B.H. 9 1' BGS	248	128	117	25.0	1700	960
H11746-12	B.H. 9 2' BGS	522	128	39	14.0	2892	640
Quality Control		NR	48.1	48.6	1.79	1424	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	90	101	NR
Relative Percent Difference		NR	0.0	0.0	4.6	0.4	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11746-10	B.H. 8 10' BGS	32	59.6	0	390	7.87
H11746-11	B.H. 9 1' BGS	128	223	0	1171	8.47
H11746-12	B.H. 9 2' BGS	400	412	0	781	8.29
Quality Control		510	25.8	NR	976	7.05
True Value QC		500	25.0	NR	1000	7.00
% Recovery		102	103	NR	97.6	101
Relative Percent Difference		2.0	2.3	NR	0.0	0.4
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Samples H11746-11 & H11746-12 had color matrix interference. SO<sub>4</sub>, HCO<sub>3</sub> and T alk. results should therefore be considered an approximation.

  
Chemist

11-13-06  
Date

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# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 11/01/06  
Reporting Date: 11/10/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/31/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: AB/LB/NF/HM

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:		11/07/06	11/06/06	11/06/06	11/07/06	11/06/06	11/06/06
H11746-13	B.H. 9 3' BGS	499	128	39	14.4	3220	320
H11746-14	B.H. 9 5' BGS	7	128	39	23.2	612	480
Quality Control		NR	48.1	48.6	1.79	1424	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	90	101	NR
Relative Percent Difference		NR	0.0	0.0	4.6	0.4	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

	Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
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ANALYSIS DATE:		11/04/06	11/04/06	11/06/06	11/06/06	11/06/06
H11746-13	B.H. 9 3' BGS	624	369	0	390	7.97
H11746-14	B.H. 9 5' BGS	16	22.6	0	586	7.92
Quality Control		510	25.8	NR	976	7.05
True Value QC		500	25.0	NR	1000	7.00
% Recovery		102	103	NR	97.6	101
Relative Percent Difference		2.0	2.3	NR	0.0	0.4
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Chemist

11-13-06  
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. **Cardinal** shall 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.



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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 1

Company Name: <u>Hungry Horse</u>		P.O. #:		ANALYSIS REQUEST			
Project Manager: <u>Jeffrey Brian</u>		Company:					
Address: <u>Box 1058</u>		Attn:					
City: <u>Hobbs</u>		Address:					
Phone #: <u>393-3386</u>		City:					
Fax #: <u>393-3386</u>		State: <u>NM</u>					
Project #: <u>W-#9 - Cimex</u>		Zip: <u>88240</u>					
Project Name: <u>Lea County</u>		Project Owner: <u>Ram Services</u>					
Project Location: <u>W-#9 - Cimex</u>		State: <u>NM</u>					
Sampler Name: <u>Kelton Sealed</u>		Phone #: <u></u>					
Fax #: <u></u>		City: <u></u>					
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	MATRIX	PRESERV.	DATE	TIME	ANALYSIS REQUEST
			GROUNDWATER	ACID/BASE	10-31-06	3:00	TPH-8015
			WASTEWATER	OTHER:			
			OIL	ICE / COOL			
			SLUDGE	OTHER:			
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

CARDINAL LABORATORIES, INC.

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

Page \_\_\_\_\_ of \_\_\_\_\_

Company Name: <u>Hangar Horse</u>		Project Manager: <u>Jerry Bolen</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Address: <u>Box 1058</u>		City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>		Company:			
Phone #: <u>393-3386</u>		Fax #: <u></u>		Project Owner: <u>Ram Services</u>		Attn:			
Project #: <u></u>		Project Name: <u>W-# 9 - Cimeter</u>		City: <u>Lea County</u>		Address:			
Project Location: <u>Lea County</u>		State: <u></u> Zip: <u></u>		Phone #: <u></u>		City:			
Sampler Name: <u>Kelton Sealed</u>		Fax #: <u></u>		Matrix:		PRESERV.			
FOR LAB USE ONLY		# CONTAINERS		(G)RAB OR (C)OMP.		GROUNDWATER		WASTEWATER	
Lab I.D.		Sample I.D.		DATE		TIME			
H11746-11	B.H. 9 1' BGS	X	10-31-06	1:30				X	TPH-8015
-12	B.H. 9 2' BGS	X						X	BTEX
-13	B.H. 9 3' BGS	X						X	T. Ions
-14	B.H. 9 5' BGS	X						X	As

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Sampler Relinquished: [Signature] Date: 11-1-06 Time: 10:10

Received By: [Signature] Date: 11-1-06 Time: 10:10

Rolling Inquished By: [Signature]

Delivered By: (Circle One) Sampler - UPB - Bus - Other: NA

Sample Condition: Intact? ☒ Yes ☐ No

Temp. °C:  By: [Signature] (Initials) NA

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.



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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: J. BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/07/06  
Project Owner: RAM SERVICES  
Project Name: W. #9-CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		11/02/06	11/02/06	11/06/06	11/06/06	11/06/06	11/06/06
H11732-1	BH #3 - 1' BGS	<10.0	65.5	<0.005	0.009	<0.005	0.026
H11732-2	BH #3 - 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11732-3	BH #3 - 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		773	796	0.099	0.098	0.101	0.293
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		96.6	99.5	99.4	98.2	101	97.7
Relative Percent Difference		3.0	0.4	2.9	2.8	2.9	1.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J. A. Cooke, Ph. D.

11/7/06  
Date

H11732A

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:		11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11732-1	BH #3 - 1' BGS	11503	3848	0	180	51120	320
H11732-2	BH #3 - 2' BGS	3777	641	505	158	26840	320
H11732-3	BH #3 - 3' BGS	2208	641	155	118	15960	320
Quality Control		NR	48.1	48.6	1.71	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	86	102	NR
Relative Percent Difference		NR	0.0	0.0	15.0	2.0	NR
METHODS:		SM3500-Ca-D		3500-Mg E	8049	120.1	310.1

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:		10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11732-1	BH #3 - 1' BGS	19194	7204	0	390	7.62
H11732-2	BH #3 - 2' BGS	7358	1354	0	390	7.93
H11732-3	BH #3 - 3' BGS	4399	649	0	390	8.21
Quality Control		520	27.7	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		104	111	NR	97.6	100
Relative Percent Difference		4.0	4.8	NR	0.0	0.0
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Cherist

  
Date

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# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:		11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11732-4	BH #3 - 5' BGS	2252	257	39	73.2	12520	320
H11732-5	BH #3 - 10' BGS	652	192	78	2.88	4268	480
H11732-6	BH #3 - 15' BGS	255	192	0	6.6	1672	480
Quality Control		NR	48.1	48.6	1.71	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	86	102	NR
Relative Percent Difference		NR	0.0	0.0	15.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:		10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11732-4	BH #3 - 5' BGS	3599	387	0	390	8.19
H11732-5	BH #3 - 10' BGS	1040	265	0	586	8.15
H11732-6	BH #3 - 15' BGS	160	323	0	586	8.07
Quality Control		520	27.7	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		104	111	NR	97.6	100
Relative Percent Difference		4.0	4.8	NR	0.0	0.0
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Lope S. Moreno  
Chemist

11-10-06  
Date

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:	11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11732-7 BH #3 - 20' BGS	152	64.1	78	11.8	1472	320
Quality Control	NR	48.1	48.6	1.71	1436	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	86	102	NR
Relative Percent Difference	NR	0.0	0.0	15.0	2.0	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
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ANALYSIS DATE:	10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11732-7 BH #3 - 20' BGS	160	271	0	390	8.19
Quality Control	520	27.7	NR	976	7.03
True Value QC	500	25.0	NR	1000	7.00
% Recovery	104	111	NR	97.6	100
Relative Percent Difference	4.0	4.8	NR	0.0	0.0
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Chemist

11-10-06  
Date

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**CARDINAL LABORATORIES, INC.**

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page \_\_\_\_ of \_\_\_\_

Company Name: <u>Harvey Force</u>		P.O. #:		ANALYSIS REQUEST																												
Project Manager: <u>J. Brim</u>		Company:																														
Address: <u>P.O. Box 1058</u>		Attn:																														
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88240</u>																														
Phone #: <u>393-3386</u>		Fax #: <u>391-4585</u>																														
Project #: _____		Project Owner: <u>Ran Swice</u>																														
Project Name: <u>W #9 - Cuinex</u>		State: _____ Zip: _____																														
Project Location: <u>near center</u>		Phone #: _____																														
Sampler Name: <u>J. Brim</u>		Fax #: _____																														
Lab I.D.	Sample I.D.	# CONTAINERS	(G)RAB OR (COMP)	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	PRESERV	MATRIX	DATE	TIME																
H11732-1	BH#3 - 1' BBS	1	↓			X									10:00 AM	10:00 AM	7911-8015	BTEX	Total Ions	HS												
-2	" 2' BBS	1	↓			↓									10:15 AM	10:15 AM		↓		↓												
-3	" 3' BBS	1	↓			↓									10:22 AM	10:22 AM		↓		↓												
-4	5' BBS	1	↓			X									10:25 AM	10:25 AM																
-5	10' BBS	1	↓			↓									10:35 AM	10:35 AM																
-6	15' BBS	1	↓			↓									10:45 AM	10:45 AM																
-7	20' BBS	1	↓			↓									11:10 AM	11:10 AM																

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**Sampler Relinquished:** J. Brim Date: 10/30/06 Time: 11:00 AM

**Relinquished By:** \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Delivered By: (Circle One)**  
☒ Sampler ☐ UPS ☐ Bus ☐ Other: \_\_\_\_\_

**Received By: (Lab Staff)** Brim Date: \_\_\_\_\_ Time: \_\_\_\_\_

**Checked By: (Initials)** \_\_\_\_\_

**Phone Result:** ☐ Yes ☐ No **Add'l Phone #:** \_\_\_\_\_

**Fax Result:** ☐ Yes ☐ No **Add'l Fax #:** \_\_\_\_\_

**REMARKS:**



# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: J. BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/07/06  
Project Owner: RAM SERVICES  
Project Name: W. #9-CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		11/02/06	11/02/06	11/06/06	11/06/06	11/06/06	11/06/06
H11734-1	BH #4 - 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11734-2	BH #4 - 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11734-3	BH #4 - 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		779	795	0.099	0.098	0.101	0.293
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		97.4	99.3	99.4	98.2	101	97.7
Relative Percent Difference		2.8	2.1	2.9	2.8	2.9	1.3

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J.A. Cooke, Ph. D.

11/7/06  
Date

H11734A

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HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: AB/LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:		11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11734-1	BH #4 - 1' BGS	1509	2244	0	78.8	15760	480
H11734-2	BH #4 - 2' BGS	1531	385	0	34	8720	320
H11734-3	BH #4 - 3' BGS	1312	128	78	26.4	7360	480
Quality Control		NR	48.1	48.6	1.71	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	86	102	NR
Relative Percent Difference		NR	0.0	0.0	15.0	2.0	NR
METHODS:		SM3500-Ca-D		3500-Mg E	8049	120.1	310.1

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
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ANALYSIS DATE:		10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11734-1	BH #4 - 1' BGS	2319	5035	0	586	7.59
H11734-2	BH #4 - 2' BGS	2159	935	0	390	7.93
H11734-3	BH #4 - 3' BGS	1839	439	0	586	8.20
Quality Control		520	27.7	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		104	111	NR	97.6	100
Relative Percent Difference		4.0	4.8	NR	0.0	0.0
METHODS:		SM4500-Cl-B		375.4	310.1	150.1

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

Chemist

Date

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HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: AB/LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11734-4	BH #4 - 5' BGS	1596	1026	0	77.6	12160	320
H11734-5	BH #4 - 10' BGS	703	128	0	20.5	3784	480
H11734-6	BH #4 - 15' BGS	171	64	39	4.92	1500	320
Quality Control		NR	48.1	48.6	1.71	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	86	102	NR
Relative Percent Difference		NR	0.0	0.0	15.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11734-4	BH #4 - 5' BGS	2239	2554	0	390	7.66
H11734-5	BH #4 - 10' BGS	880	149	0	586	8.48
H11734-6	BH #4 - 15' BGS	144	169	0	390	8.13
Quality Control		520	27.7	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		104	111	NR	97.6	100
Relative Percent Difference		4.0	4.8	NR	0.0	0.0
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Chemist

Date

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: AB/LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11734-7	BH #4 - 20' BGS	157	128	78	6.88	1620	320
H11734-8	BH #4 - 25' BGS	152	128	0	6.08	1292	320
H11734-9	BH #4 - 30' BGS	190	128	39	6.88	1660	320
Quality Control		NR	48.1	48.6	1.71	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	86	102	NR
Relative Percent Difference		NR	0.0	0.0	15.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11734-7	BH #4 - 20' BGS	224	342	0	390	7.98
H11734-8	BH #4 - 25' BGS	160	108	0	390	8.03
H11734-9	BH #4 - 30' BGS	288	169	0	390	7.99
Quality Control		520	27.7	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		104	111	NR	97.6	100
Relative Percent Difference		4.0	4.8	NR	0.0	0.0
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Chemist

11-10-06  
Date

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ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (u S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
------------	-----------	---------------	---------------	---------------	--------------	--------------------------	---

ANALYSIS DATE:	11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11734-10 BH #4 - 35' BGS	102	128	78	7.12	1716	320
H11734-11 BH #4 - 40' BGS	146	192	78	12.3	2316	320
H11734-12 BH #4 - 45' BGS	153	128	39	3.08	1404	320
Quality Control	NR	48.1	48.6	1.71	1436	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	86	102	NR
Relative Percent Difference	NR	0.0	0.0	15.0	2.0	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:	10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11734-10 BH #4 - 35' BGS	304	120	0	390	7.93
H11734-11 BH #4 - 40' BGS	416	219	0	390	7.96
H11734-12 BH #4 - 45' BGS	208	197	0	390	7.98
Quality Control	520	27.7	NR	976	7.03
True Value QC	500	25.0	NR	1000	7.00
% Recovery	104	111	NR	97.6	100
Relative Percent Difference	4.0	4.8	NR	0.0	0.0
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

*John S. Mendenhall*  
Chemist

*11-10-06*  
Date

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/30/06  
Reporting Date: 11/09/06  
Project Owner: RAM SERVICES  
Project Name: W. #9 - CIMAREX  
Project Location: LEA COUNTY, NM

Sampling Date: 10/27/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: AB/LB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:	11/02/06	11/02/06	11/02/06	11/01/06	10/31/06	11/02/06
H11734-13 BH #4 - 50' BGS	32	64	39	3.64	680	320
Quality Control	NR	48.1	48.6	1.71	1436	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	86	102	NR
Relative Percent Difference	NR	0.0	0.0	15.0	2.0	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:	10/31/06	10/31/06	11/02/06	11/02/06	10/31/06
H11734-13 BH #4 - 50' BGS	16	50.6	0	390	8.03
Quality Control	520	27.7	NR	976	7.03
True Value QC	500	25.0	NR	1000	7.00
% Recovery	104	111	NR	97.6	100
Relative Percent Difference	4.0	4.8	NR	0.0	0.0
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Chemist

11-10-06  
Date

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**ARDINAL LABORATORIES, INC.**

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Page      of     

BILL TO										ANALYSIS REQUEST									
<b>Company Name:</b> <u>Auger Force</u> <b>Project Manager:</b> <u>J. Brum</u> <b>Address:</b> <u>P.O. Box 1058</u> <b>City:</b> <u>Hobbs</u> <b>State:</b> <u>NM</u> <b>Zip:</b> <u>88241</u> <b>Phone #:</b> <u>393-3386</u> <b>Fax #:</b> <u>391-4585</u> <b>Project #:</b> <u>        </u> <b>Project Owner:</b> <u>Ram Services</u> <b>Project Name:</b> <u>W. #9 - Cimarron</u> <b>Project Location:</b> <u>Las Cruces</u> <b>Sampler Name:</b> <u>J. Brum</u>										<b>P.O. #:</b> <u>        </u> <b>Company:</b> <u>        </u> <b>Attn:</b> <u>        </u> <b>Address:</b> <u>        </u> <b>City:</b> <u>        </u> <b>State:</b> <u>        </u> <b>Zip:</b> <u>        </u> <b>Phone #:</b> <u>        </u> <b>Fax #:</b> <u>        </u>									
FOR LAB USE ONLY		# CONTAINERS		MATRIX		PRESERV		SAMPLING		DATE		TIME		F.S.		T. Tons			
Lab I.D.	Sample I.D.	(G) RAB OR (C) OMP	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:								
N11734H	BH #4 - 1 BBS	10	X									10/21/06	10:05 AM						
2	" - 2' BBS	1	X									10/21/06	10:15 AM						
13	" - 3' BBS	1	X									10/21/06	10:22 AM						
4	" - 5' BBS	10	X									10/21/06	10:25 AM						
5	" - 10' "	1										10/21/06	1:00 PM						
6	" - 15' "	1										"	1:40 PM						
7	" - 20' "	1										"	2:10 PM						
8	" - 25' "	1										"	2:15 PM						
9	" - 30' "	1										"	2:30 PM						

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<b>Sampler Relinquished:</b>		<b>Received By:</b>		<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Add'l Phone #:</b>	
<u>J. Brum</u>		<u>Burgett</u>		<input type="checkbox"/> Yes <input type="checkbox"/> No		<u>        </u>	
<b>Relinquished By:</b>		<b>Received By: (Lab Staff)</b>		<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Add'l Fax #:</b>	
<u>J. Brum</u>		<u>Burgett</u>		<input type="checkbox"/> Yes <input type="checkbox"/> No		<u>        </u>	
<b>Delivered By: (Circle One)</b>		<b>Checked By:</b>		<b>REMARKS:</b>			
<input checked="" type="checkbox"/> UPS - <input type="checkbox"/> Bus - <input type="checkbox"/> Other:		<u>Burgett</u>		<u>        </u>			

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page      of     

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2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
(915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: <u>Hungry Horse</u>		P.O. #:		ANALYSIS REQUEST											
Project Manager: <u>J. Brum</u>		Company:													
Address: <u>P.O. Box 1058</u>		Attn:													
City: <u>Hobbs</u>		State: <u>NM</u> Zip: <u>88241</u>													
Phone #: <u>393-3386</u>		Fax #: <u>393-4585</u>													
Project #: <u>        </u>		Project Owner: <u>Ram Service</u>													
Project Name: <u>W. #9 - Cimarron</u>		State: <u>        </u> Zip: <u>        </u>													
Project Location: <u>Lea County</u>		Phone #: <u>        </u>													
Sampler Name: <u>J. Brum</u>		Fax #: <u>        </u>													

Lab I.D.	Sample I.D.	FOR LAB USE ONLY	CONTAINERS				MATRIX				PRESERV		SAMPLING		DATE	TIME
			(G) RAB OR (C) COMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:			
411739-10	BH #4 - 35 BBS														10/27/06	2:45PM
-1122	" - 40' "														3:30PM	
-1273	" - 45' "														4:00PM	
-1374	" - 50' "														4:35PM	

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Sampler Relinquished: <u>J. Brum</u>		Date: <u>10/30/06</u>	Time: <u>11:25 AM</u>	Received By: <u>Burton J. Brum</u>
Relinquished By: <u>J. Brum</u>		Date: <u>        </u>	Time: <u>        </u>	Received By: (Lab Staff) <u>Burton J. Brum</u>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		CHECKED BY: <u>Burton J. Brum</u> (Initials)		
REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: <u>        </u> Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: <u>        </u>		



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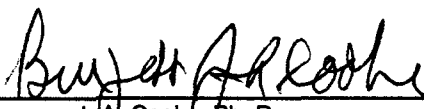
ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/25/06  
Reporting Date: 10/28/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/23 & 10/24/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		10/26/06	10/26/06	10/26/06	10/26/06	10/26/06	10/26/06
H11706-1	BH #1- 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11706-2	BH #1- 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11706-3	BH #1- 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11706-4	BH #2- 1' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11706-5	BH #2- 2' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
H11706-6	BH #2- 3' BGS	<10.0	<10.0	<0.005	<0.005	<0.005	<0.015
Quality Control		744	751	0.102	0.104	0.106	0.308
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		92.9	93.9	102	104	106	103
Relative Percent Difference		4.4	5.3	2.1	7.1	3.8	3.9

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J. Cooke, Ph. D.

10/28/06  
Date

H11706A

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/23/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:	10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/27/06
H11706-1 BH #1- 1' BGS	200	128	39	56.0	1728	624
H11706-2 BH #1- 2' BGS	368	128	31	28.1	2792	320
H11706-3 BH #1- 3' BGS	474	64	39	27.4	3112	448
Quality Control	NR	48.1	48.6	1.98	1436	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	99.0	102	NR
Relative Percent Difference	NR	0.0	0.0	1.0	2.0	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
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ANALYSIS DATE:	10/27/06	10/27/06	10/27/06	10/27/06	10/26/06
H11706-1 BH #1- 1' BGS	208	67.4	19.2	722	8.49
H11706-2 BH #1- 2' BGS	480	277	0	390	8.28
H11706-3 BH #1- 3' BGS	640	34.1	19.2	508	8.45
Quality Control	480	26.7	NR	976	7.03
True Value QC	500	25.0	NR	1000	7.00
% Recovery	96.0	107	NR	97.6	100
Relative Percent Difference	4.0	8.2	NR	0.0	0.3
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Chemist

11-01-06  
Date

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/24/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
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ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/27/06
H11706-4	BH #2- 1' BGS	6849	2950	0	32.8	36840	320
H11706-5	BH #2- 2' BGS	4969	577	39	139	26040	320
H11706-6	BH #2- 3' BGS	5666	320	30	187	29000	320
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0.0	0.0	1.0	2.0	NR

METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1
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Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:		10/27/06	10/27/06	10/27/06	10/27/06	10/26/06
H11706-4	BH #2- 1' BGS	8480	9640	0	390	7.77
H11706-5	BH #2- 2' BGS	6798	2581	0	390	7.92
H11706-6	BH #2- 3' BGS	8317	1389	0	390	8.15
Quality Control		480	26.7	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		96.0	107	NR	97.6	100
Relative Percent Difference		4.0	8.2	NR	0.0	0.3

METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1
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NOTE: Analyses performed on 1:4 w:v aqueous extracts.

Hope S. Manno  
Chemist

11-01-06  
Date

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Page 7 of 7

BILL TO										ANALYSIS REQUEST																																																																																																																	
<b>Company Name:</b> <u>Hungry Horse</u> <b>Project Manager:</b> <u>J. Brown</u> <b>Address:</b> <u>P.O. Box 1058</u> <b>City:</b> <u>Hobbs</u> <b>State:</b> <u>NM</u> <b>Zip:</b> <u>88240</u> <b>Phone #:</b> <u>393-3386</u> <b>Fax #:</b> <u>391-4585</u> <b>Project #:</b> <u>                    </u> <b>Project Owner:</b> <u>Ram Services</u> <b>Project Name:</b> <u>Winningsham #9</u> <b>Project Location:</b> <u>leg country</u> <b>Sampler Name:</b> <u>J. Brown</u>										<b>P.O. #:</b> <u>                    </u> <b>Company:</b> <u>                    </u> <b>Attn:</b> <u>                    </u> <b>Address:</b> <u>                    </u> <b>City:</b> <u>                    </u> <b>State:</b> <u>                    </u> <b>Zip:</b> <u>                    </u> <b>Phone #:</b> <u>                    </u> <b>Fax #:</b> <u>                    </u>																																																																																																																	
<b>Lab I.D.</b>  <b>Sample I.D.</b>										<b>FOR LAB USE ONLY</b>																																																																																																																	
										<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">(G)RAB OR (C)OMP.</th> <th rowspan="2"># CONTAINERS</th> <th colspan="5">MATRIX</th> <th colspan="3">PRESERV.</th> <th colspan="2">SAMPLING</th> <th rowspan="2">DATE</th> <th rowspan="2">TIME</th> </tr> <tr> <th>GROUNDWATER</th> <th>WASTEWATER</th> <th>SOIL</th> <th>OIL</th> <th>SLUDGE</th> <th>OTHER:</th> <th>ACID/BASE</th> <th>ICE / COOL</th> <th>OTHER:</th> </tr> </thead> <tbody> <tr> <td>H11706-1</td> <td>BH #1 - 1' BBS</td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10/23/06</td> <td>11:01 AM</td> </tr> <tr> <td>-2</td> <td>2' BBS</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11:07 AM</td> <td></td> </tr> <tr> <td>-3</td> <td>3' BBS</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11:21 AM</td> <td></td> </tr> <tr> <td>-4</td> <td>BH #2 - 1' BBS</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10/24/06</td> <td>10:15 AM</td> </tr> <tr> <td>-5</td> <td>2' BBS</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10:30 AM</td> <td></td> </tr> <tr> <td>-6</td> <td>3' BBS</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10:35 AM</td> <td></td> </tr> </tbody> </table>											(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	H11706-1	BH #1 - 1' BBS	1	X										10/23/06	11:01 AM	-2	2' BBS	1											11:07 AM		-3	3' BBS	1											11:21 AM		-4	BH #2 - 1' BBS	1											10/24/06	10:15 AM	-5	2' BBS	1											10:30 AM		-6	3' BBS	1		
	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME																																																																																																													
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<b>PLEASE NOTE:</b> 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 the client for the 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 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of data, 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.										<b>Terms and Conditions:</b> Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.																																																																																																																	
<b>Relinquished By:</b> <u>J. Brown</u>										<b>Received By:</b> <u>J. Brown</u> <b>Date:</b> <u>10/25/06</u> <b>Time:</b> <u>4:10 PM</u>																																																																																																																	
<b>Delivered By: (Circle One)</b> <b>Sampler:</b> <u>UPS</u> - Bus - Other: <u>                    </u>										<b>Checked By:</b> <u>J. Brown</u> <b>Sample Condition:</b> <input checked="" type="checkbox"/> Intact? <input type="checkbox"/> No <b>Temp. °C:</b> <u>                    </u>																																																																																																																	
<b>Reinforced By:</b> <u>                    </u>										<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>REMARKS:</b> Please provide 8015 Chromatograms for fingerprinting purposes. Hold samples for further analyses.																																																																																																																	

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# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/23/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

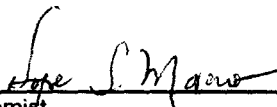
LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
------------	-----------	---------------	---------------	---------------	--------------	-------------------------	---

ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11707-1	BH #1- 5' BGS	567	64	39	21.3	3088	544
H11707-2	BH #1- 10' BGS	403	64	39	0	2416	432
H11707-3	BH #1- 15' BGS	378	64	39	0	2356	320
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0.0	0.0	1.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

	Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
--	----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:		10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11707-1	BH #1- 5' BGS	600	184	38.4	586	8.68
H11707-2	BH #1- 10' BGS	320	301	19.2	488	8.59
H11707-3	BH #1- 15' BGS	432	206	19.2	351	8.43
Quality Control		500	26.4	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		100.0	106	NR	97.6	100
Relative Percent Difference		4.0	1.1	NR	0.0	0.3
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Chemist

11-08-06  
Date

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/23/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
------------	-----------	---------------	---------------	---------------	--------------	-------------------------------	---

ANALYSIS DATE:	10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11707-4 BH #1- 20' BGS	281	128	39	4.92	2248	320
H11707-5 BH #1- 25' BGS	311	192	78	5.84	3440	160
H11707-6 BH #1- 30' BGS	328	385	78	8.96	4436	160
Quality Control	NR	48.1	48.6	1.98	1436	NR
True Value QC	NR	50.0	50.0	2.00	1413	NR
% Recovery	NR	96.2	97.2	99.0	102	NR
Relative Percent Difference	NR	0	0	1.0	2.0	NR
METHODS:	SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
----------------------------	----------------------------	----------------------------	-----------------------------	--------------

ANALYSIS DATE:	10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11707-4 BH #1- 20' BGS	416	185	19.2	351	8.32
H11707-5 BH #1- 25' BGS	832	146	0	195	7.99
H11707-6 BH #1- 30' BGS	1184	173	0	195	7.87
Quality Control	500	26.4	NR	976	7.03
True Value QC	500	25.0	NR	1000	7.00
% Recovery	100.0	106	NR	97.6	100
Relative Percent Difference	4.0	1.1	NR	0	0.3
METHODS:	SM4500-Cl-B	375.4	310.1	310.1	150.1

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

*[Signature]*  
Chemist

*11-08-06*  
Date

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

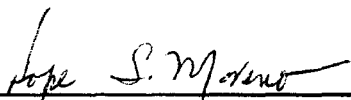
Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/23/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11707-7	BH #1- 35' BGS	236	513	155	5.76	5380	160
H11707-8	BH #1- 40' BGS	204	513	194	9.76	5460	320
H11707-9	BH #1- 45' BGS	117	513	155	5.04	4608	320
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0	0	1.0	2.0	NR
METHODS:		SM3500-Ca-D		3500-Mg E	8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11707-7	BH #1- 35' BGS	1440	242	0	195	7.73
H11707-8	BH #1- 40' BGS	1440	182	0	390	7.73
H11707-9	BH #1- 45' BGS	1248	99	0	390	7.70
Quality Control		500	26.4	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		100.0	106	NR	97.6	100
Relative Percent Difference		4.0	1.1	NR	0	0.3
METHODS:		SM4500-Cl-B		375.4	310.1	150.1

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

  
\_\_\_\_\_  
Chemist

11-08-06  
\_\_\_\_\_  
Date

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ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

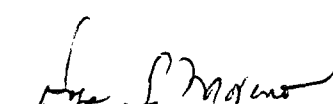
Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/23/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity (uS/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11707-10	BH #1- 50' BGS	0	128	78	5.32	1188	320
H11707-11	BH #1- 55' BGS	50	128	39	4.68	1072	320
H11707-12	BH #1- 60' BGS	0	128	39	11.0	832	320
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0.0	0.0	1.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11707-10	BH #1- 50' BGS	192	56	0	390	8.06
H11707-11	BH #1- 55' BGS	128	92.2	0	390	8.11
H11707-12	BH #1- 60' BGS	64	45	0	390	7.96
Quality Control		500	26.4	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		100.0	106	NR	97.6	100
Relative Percent Difference		4.0	1.1	NR	0.0	0.3
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Chemist

11-08-06  
Date

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(325) 673-7001 Fax (325) 673-7020 (505) 393-2328 Fax (505) 393-2476

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name: <u>Hungry Horse</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>J. Bird</u>		P.O. #:			
Address: <u>P.O. Box 1058</u>		Company:			
City: <u>Hobbs</u>		Attn:			
State: <u>NM</u> Zip: <u>88240</u>		Address:			
Phone #: <u>393-3386</u> Fax #: <u>391-4585</u>		City:			
Project #: <u>Winningham #9</u>		State:			
Project Location: <u>Lea County</u>		Phone #:			
Sampler Name: <u>A. Brann</u>		Fax #:			
FOR LAB USE ONLY		PRESERV.		SAMPLING	
Lab I.D.		MATRIX		DATE	
Sample I.D.		# CONTAINERS		TIME	
		(G)RAB OR (C)OMP.			
H11707-1	BH # 1-5 Bbs	GROUNDWATER	WASTEWATER	10/23/06	11:48 AM
-2	" -10' "	X	SOIL		12:01 PM
-3	" -15' "		SLUDGE		12:25 PM
-4	" -20' "		OTHER:		12:35 PM
-5	" -25' "		ACID/BASE:		12:55 PM
-6	" -30' "		ICE / COOL		1:10 PM
-7	" -35' "		OTHER:		1:30 PM
-8	" -40' "				2:00 PM
-9	" -45' "				2:35 PM
-10	" -50' "				2:50 PM

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Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collection, including attorney's fees.

Sampler Relinquished: A. Brann Date: 10/25/06 Time: 4:20

Relinquished By: [Signature] Date: 10/25/06 Time: 4:20

Received By: [Signature] Date: 10/25/06 Time: 4:20

Delivered By: (Circle One) Sampler - Bus - Other:

Sample Condition Temp. °C 21 Sample Condition Intact? Yes Checked By: [Signature]

Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No

REMARKS:

**ARDINAL LABORATORIES, INC.**

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
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[illegible]

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ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/24/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11708-1	BH #2- 5' BGS	5210	128	39	500	26800	352
H11708-2	BH #2- 10' BGS	1781	128	39	358	10720	384
H11708-3	BH #2- 15' BGS	1331	64	78	106	7676	336
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0	0	1.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11708-1	BH #2- 5' BGS	8317	341	28.8	400	8.44
H11708-2	BH #2- 10' BGS	3055	119	76.8	312	8.34
H11708-3	BH #2- 15' BGS	2095	214	19.2	371	8.45
Quality Control		500	26.4	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		100.0	106	NR	97.6	100
Relative Percent Difference		4.0	1.1	NR	0	0.3
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

John S. Moreno  
Chemist

11-08-06  
Date

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# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

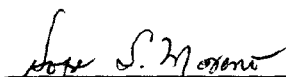
Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/24/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11708-4	BH #2- 20' BGS	1212	64	39	45.4	6624	352
H11708-5	BH #2- 25' BGS	2643	64	0	5.16	13120	528
H11708-6	BH #2- 30' BGS	2425	64	78	0.52	12600	448
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0	0	1.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11708-4	BH #2- 20' BGS	1775	155	38.4	351	8.53
H11708-5	BH #2- 25' BGS	3599	303	76.8	488	9.09
H11708-6	BH #2- 30' BGS	3487	378	96	351	9.22
Quality Control		500	26.4	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		100	106	NR	97.6	100
Relative Percent Difference		4.0	1.1	NR	0	0.3
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Chemist

11-08-06  
Date

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

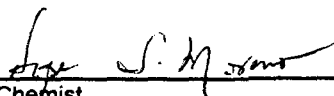
Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/24/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11708-7	BH #2- 35' BGS	3235	64	0	5.16	15760	400
H11708-8	BH #2- 40' BGS	3381	192	0	9.00	17040	320
H11708-9	BH #2- 45' BGS	3118	449	156	20.4	18080	320
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0	0	1.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E	8049	120.1	310.1	

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11708-7	BH #2- 35' BGS	4463	493	19.2	449	8.87
H11708-8	BH #2- 40' BGS	5118	300	19.2	351	8.46
H11708-9	BH #2- 45' BGS	5694	221	0	390	8.05
Quality Control		500	26.4	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		100	106	NR	97.6	100
Relative Percent Difference		4.0	1.1	NR	0	0.3
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

  
Chemist

11-08-06  
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. **H11708-9** 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.



# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
HUNGRY HORSE, LLC  
ATTN: JERRY BRIAN  
P.O. BOX 1058  
HOBBS, NM 88241  
FAX TO: (505) 391-4585

Receiving Date: 10/25/06  
Reporting Date: 10/31/06  
Project Owner: RAM SERVICES  
Project Name: WINNINGHAM #9  
Project Location: LEA COUNTY, NM

Sampling Date: 10/24/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: LB  
Analyzed By: HM/AB/NF

LAB NUMBER	SAMPLE ID	Na (mg/Kg)	Ca (mg/Kg)	Mg (mg/Kg)	K (mg/Kg)	Conductivity ( $\mu$ S/cm)	T-Alkalinity (mgCaCO <sub>3</sub> /Kg)
ANALYSIS DATE:		10/30/06	10/28/06	10/28/06	10/27/06	10/31/06	10/28/06
H11708-10	BH #2- 50' BGS	34	705	272	8.16	6776	160
H11708-11	BH #2- 55' BGS	52	192	78	9.84	1772	320
H11708-12	BH #2- 60' BGS	0	128	39	3.4	856	320
Quality Control		NR	48.1	48.6	1.98	1436	NR
True Value QC		NR	50.0	50.0	2.00	1413	NR
% Recovery		NR	96.2	97.2	99.0	102	NR
Relative Percent Difference		NR	0	0	1.0	2.0	NR
METHODS:		SM3500-Ca-D	3500-Mg E		8049	120.1	310.1

		Cl <sup>-</sup> (mg/Kg)	SO <sub>4</sub> (mg/Kg)	CO <sub>3</sub> (mg/Kg)	HCO <sub>3</sub> (mg/Kg)	pH (s.u.)
ANALYSIS DATE:		10/28/06	10/28/06	10/28/06	10/28/06	10/26/06
H11708-10	BH #2- 50' BGS	1951	55.2	0	195	7.70
H11708-11	BH #2- 55' BGS	368	84.6	0	390	8.08
H11708-12	BH #2- 60' BGS	64	66	0	390	8.28
Quality Control		500	26.4	NR	976	7.03
True Value QC		500	25.0	NR	1000	7.00
% Recovery		100	106	NR	97.6	100
Relative Percent Difference		4.0	1.1	NR	0	0.3
METHODS:		SM4500-Cl-B	375.4	310.1	310.1	150.1

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

Lore S. Manno  
Chemist

11-08-06  
Date

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

## CARDINAL LABORATORIES, INC.

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

Page 1 of 2

BILL TO										ANALYSIS REQUEST									
Company Name: <u>Hungry Horse</u>										P.O. #:									
Project Manager: <u>J. Brian</u>										Company:									
Address: <u>P.O. Box 1058</u>										Attn:									
City: <u>Hobbs</u>										State: <u>NM</u> Zip: <u>88240</u>									
Phone #: <u>325-3386</u>										Fax #: <u>391-4585</u>									
Project #: <u></u>										Project Owner: <u>Ram Services</u>									
Project Name: <u>Winnigham #9</u>										City:									
Project Location: <u>near Center</u>										State:									
Sampler Name: <u>J. Brian</u>										Phone #:									
Fax #:										Zip:									
FOR LAB USE ONLY										DATE									
Lab I.D.										TIME									
Sample I.D.										DATE									
H11708-1										10/24/06									
-2										10:50 AM									
-3										11:05 AM									
-4										11:25 AM									
-5										11:40 AM									
-6										11:55 AM									
-7										12:15 PM									
-8										12:45 PM									
-9										1:00 PM									
-10										1:55 PM									
-11										8:10 PM									
-12										Total									

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Sampler Relinquished: J. Brian Date: 10/25/06 Time: 4:30 PM

Received By: J. Brian Date: 10/25/06 Time: 4:30 PM

Relinquished By: J. Brian Date: 10/25/06 Time: 4:30 PM

Delivered By: (Circle One) UPS - Bus - Other:

Sample Condition: Intact? Yes No Checked By: J. Brian (Initials)

Phone Result:  Fax Result:  Yes  No

REMARKS:

**ARDINAL LABORATORIES, INC.**

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

Page 5  
ANALYSIS REQUEST

Company Name: <b>Hyunry Horse</b>		P.O. #:		Company:		Attn:		Address:		City:		State:		Zip:		Phone #:		Fax #:		Project Owner:		Project Name:		Project Location:		Sampler Name:		FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix		Preserv.		SAMPLING		DATE		TIME	
Address: <b>P.O. Box 1058</b>		State: <b>NM</b>		Zip: <b>88240</b>		Fax #: <b>391-4585</b>		Project Owner: <b>Ram Services</b>		Project Name: <b>Winningham #9</b>		Project Location: <b>lea country</b>		Sampler Name: <b>J. Brian</b>		FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix		Preserv.		SAMPLING		DATE		TIME													
City: <b>Hobbs</b>		State: <b>NM</b>		Zip: <b>88240</b>		Fax #: <b>391-4585</b>		Project Owner: <b>Ram Services</b>		Project Name: <b>Winningham #9</b>		Project Location: <b>lea country</b>		Sampler Name: <b>J. Brian</b>		FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix		Preserv.		SAMPLING		DATE		TIME													
Phone #: <b>393-3386</b>		State: <b>NM</b>		Zip: <b>88240</b>		Fax #: <b>391-4585</b>		Project Owner: <b>Ram Services</b>		Project Name: <b>Winningham #9</b>		Project Location: <b>lea country</b>		Sampler Name: <b>J. Brian</b>		FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix		Preserv.		SAMPLING		DATE		TIME													
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Phone #: <b>393-3386</b>		State: <b>NM</b>		Zip: <b>88240</b>		Fax #: <b>391-4585</b>		Project Owner: <b>Ram Services</b>		Project Name: <b>Winningham #9</b>		Project Location: <b>lea country</b>		Sampler Name: <b>J. Brian</b>		FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix		Preserv.		SAMPLING		DATE		TIME													
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Phone #: <b>393-3386</b>		State: <b>NM</b>		Zip: <b>88240</b>		Fax #: <b>391-4585</b>		Project Owner: <b>Ram Services</b>		Project Name: <b>Winningham #9</b>		Project Location: <b>lea country</b>		Sampler Name: <b>J. Brian</b>		FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix		Preserv.		SAMPLING		DATE		TIME													
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Phone #: <b>393-3386</b>		State: <b>NM</b>		Zip: <b>88240</b>		Fax #: <b>391-4585</b>		Project Owner: <b>Ram Services</b>		Project Name: <b>Winningham #9</b>		Project Location: <b>lea country</b>		Sampler Name: <b>J. Brian</b>		FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix		Preserv.		SAMPLING		DATE		TIME													
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† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.