

# RICE Operating Company

112 West Taylor • Hobbs, New Mexico 88240  
Phone: (575) 393-9174 • Fax: (575) 397-1471

approved per fieldwork  
C. AREAS 1, 2 & 4

Revised Pages to be  
submitted  
HOBBS OCD

*Geoffrey Leking*

Environmental Specialist  
NMOCD - DIST 1  
1/10/14

JAN 07 2014

January 7, 2014

Mr. Geoffrey Leking  
New Mexico Oil Conservation Division – District 1  
1625 North French Drive  
Hobbs, New Mexico 88240

RECEIVED

RE: Corrective Action Plan (CAP)  
BD Jct. N-31-1 Accidental Discharge: Unit N, Section 31, T21S, R37E  
API No. 30-025-38528  
RICE Operating Company – Blinbry Drinkard SWD System

Mr. Leking:

ROC submits the following Corrective Action Plan (CAP) for the BD Jct. N-31-1 Accidental Discharge (AD). The AD was located in unit letter N, section 31, T21S, R37E, as shown in Figure 1. ROC is the service provider (agent) for the BD SWD System and has no ownership of any portion of the pipeline, well, or facility. The system is owned by a consortium of oil producers, System Parties, who provide all operating capital on a percentage ownership/usage basis.

An accidental discharge of produced water was discovered on December 31, 2013. The NMOCD District 1 office was notified that day, and an initial C-141 was submitted to the District 1 office on January 2, 2014. According to the initial C-141, a PVC flange in the junction box cracked, releasing the 60 bbls of produced water, which affected a total of 10,995 ft<sup>2</sup> of pasture and lease road. After the AD was discovered, the line was shut in and a vacuum truck was used to recover 20 bbls of the produced water, then the flange was permanently repaired. The initial C-141 and photos of the leak are included in Appendix A.

On January 2, 2014, RECS personnel were onsite to collect hand auger soil samples at regular intervals in three separate areas. Each sample was field titrated for chloride and screen for hydrocarbons using a PID. Auger point 1 was collected near the source of the AD to a depth of 2 ft bgs. Chloride concentrations decreased from 7,494 mg/kg at the surface to a concentration of 152 mg/kg at 1.5 ft bgs and 87 mg/kg at 2 ft bgs. Auger point 2 was collected near the center of the AD to a depth of 1 ft bgs. Chloride concentrations decreased from 9,504 mg/kg at the surface to 245 mg/kg at 0.5 ft to 87 mg/kg at 1 ft bgs. Auger point 3 was collected from the southern part of the AD to a depth of 2.5 ft bgs. Chloride concentrations decreased from 7,109 mg/kg at the surface to 151 mg/kg at 2.5 ft bgs. Laboratory analysis confirmed chloride concentrations that decreased with depth and TPH concentrations below detectable limits. This data and the AD boundary is shown in Figure 2. The lab result is included in Appendix B.

JAN 15 2014

During a meeting with the District 1 NMOCD office on January 3, 2013, the following corrective actions were discussed. The AD will be separated into four different sections, based on chloride concentration. Area 1 is the soil surrounding auger points 1 and 2, Area 2 is the ravine section, Area 3 is the soil surrounding historical over flow pit, and Area 4 is the soil surrounding auger point 3. To protect groundwater quality, ROC proposes to excavate Area 1 to a depth of 1-1.5 ft bgs. Area 2 is proposed to be excavated and sampled to verify chloride concentrations. Area 3 is proposed to be excavated to a depth of 2 ft bgs, and Area 4 is proposed to be excavated to a depth of 2.5 ft bgs. The specified excavation depths will remove the highest chloride concentrations. The excavation boundaries are summarized in Figure 2. Figure 3 is a detailed plat that shows surrounding features and non-ROC pipelines.

Each excavated area will then be backfilled with soil containing a chloride concentration below 500 mg/kg and a field PID reading below 100 ppm. Any soil requiring disposal will be properly disposed of at a NMOCD approved facility. The backfilled excavation will then be seeded with a blend of native vegetation. Vegetation provides a natural infiltration barrier, since plants capture water through their roots thereby reducing the amount of water traveling through the vadose zone.

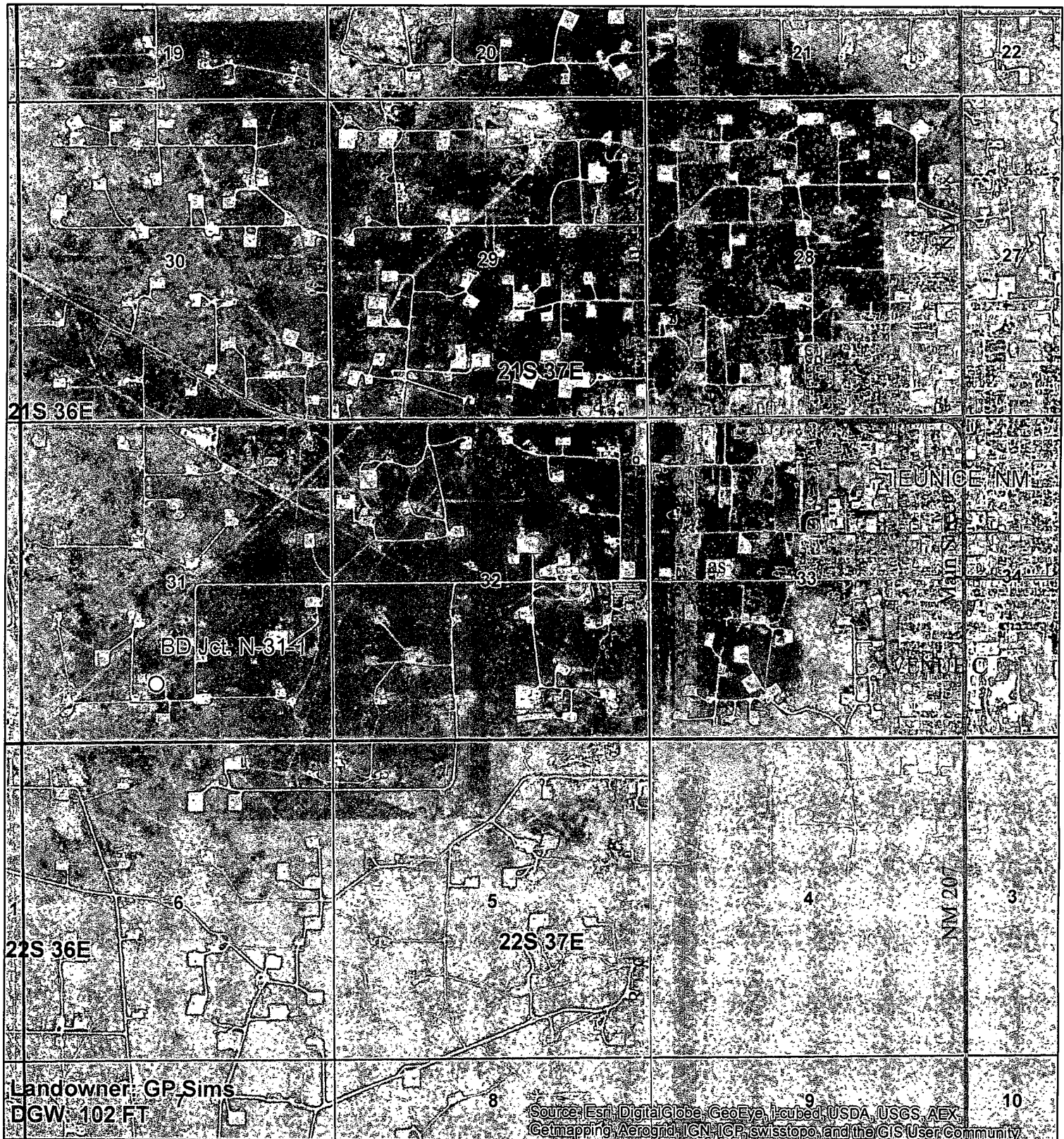
ROC appreciates the opportunity to work with you on this project. Please call Hack Conder or me at (575) 393-2967 if you have any questions or wish to discuss the site.

Sincerely,

A handwritten signature in cursive script that reads "Katie Jones".

Katie Jones  
Environmental Project Manager  
*RICE Operating Company*

# Site Location Map



***BD Jct. N-31-1***

LEGALS: UL/N sec. 31  
T-21-S R-37-E  
LEA COUNTY

API No. 30-025-38528

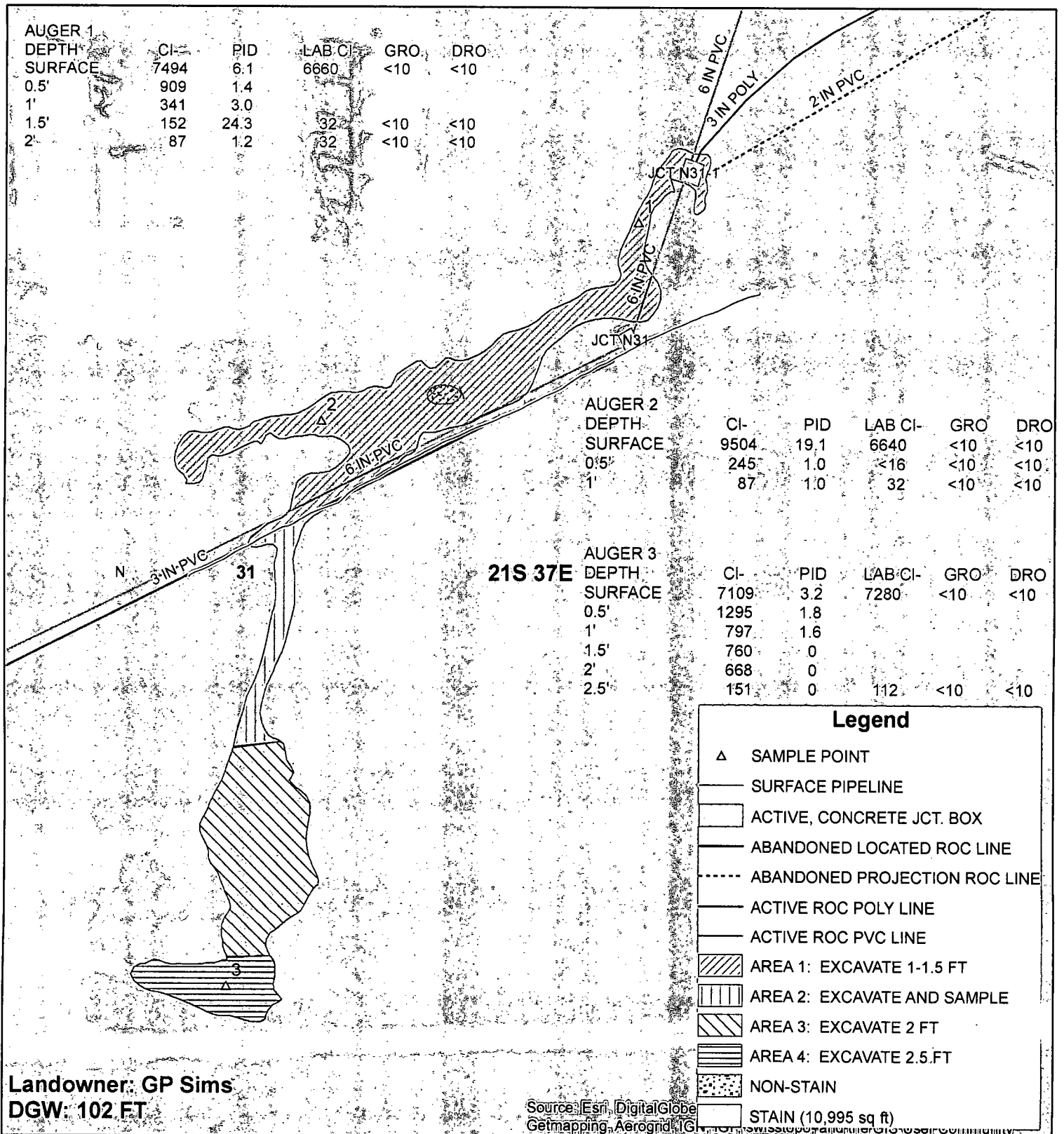
**Figure 1**



0 0.25 0.5  
Miles

Drawing date: 1/3/14  
Drafted by: T. Grieco

# Proposed Excavation



**BD Jct. N-31-1**

**LEGALS: UL/N sec. 31  
T-21-S R-37-E  
LEA COUNTY**

**API No. 30-025-38528**

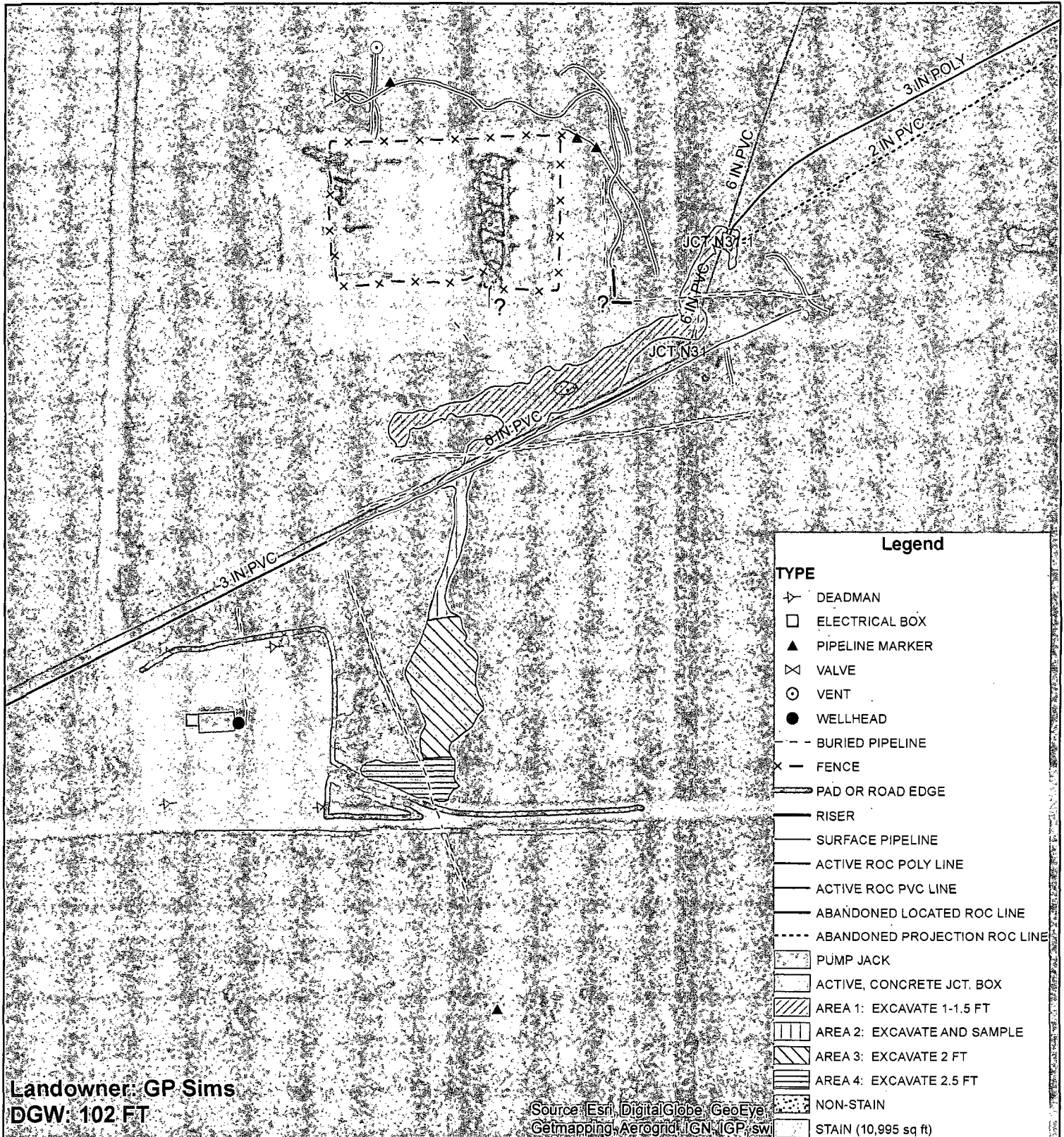
**Figure 2**



0 30 60  
Feet

GPS date: 12/31/13 KN  
Drawing date: 1/2/14  
Drafted by: L. Weinheimer

# Lines

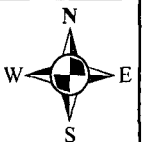


**BD Jct. N-31-1**

LEGALS: UL/N sec. 31  
 T-21-S R-37-E  
 LEA COUNTY

API No. 30-025-38528

**Figure 3**



0 60 120  
 Feet

GPS date: 1/6/14 BC  
 Drawing date: 1/6/14  
 Drafted by: T. Grieco





# Appendix A

Initial C-141 and Photodocumentation

**RICE Operating Company (ROC)**  
112 West Taylor Hobbs, NM 88240  
Phone 575.393.9174

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

HOBBS OCD

Form C-141  
Revised August 8, 2011  
JAN 07 2014  
Submit 1 Copy to appropriate District Office in  
accordance with 19.15.29 NMAC.  
**RECEIVED**

**Release Notification and Corrective Action**

**OPERATOR**

☒ Initial Report ☐ Final Report

Name of Company	Rice Operating Company	Contact	Hack Conder
Address	122 W. Taylor St., Hobbs, NM 88240	Telephone No.	(575) 631-6432
Facility Name	BD Jct. N-31-1	Facility Type	Junction Box
Surface Owner	G.P. Sims	Mineral Owner	
		API No.	3002538528

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	31	21S	37E	1018	FSL	2229	FWL	Lea

Latitude 32.431016 Longitude -103.203183

**NATURE OF RELEASE**

Type of Release	Produced water	Volume of Release	60 bbls	Volume Recovered	20 bbls
Source of Release	Junction box	Date and Hour of Occurrence	12/31/13 11:00 am	Date and Hour of Discovery	12/31/13 11:00 am
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Geoff Leking - NMOCD		
By Whom?	Hack Conder	Date and Hour	12/31/13 2:20 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.\*

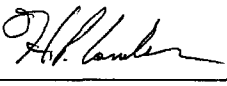
Describe Cause of Problem and Remedial Action Taken.\*

The PVC flange in the junction box cracked releasing 60 barrels of produced water. The line was shut in and isolated. A vacuum truck was called to the site and recovered 20 barrels of produced water. The flange will be repaired on 1/2/14.

Describe Area Affected and Cleanup Action Taken.\*

A total of 10,995 sq ft of pasture land and lease road was affected. Initial assessment and remediation will begin on 1/2/14 and the site will be remediated to NMOCD guidelines.

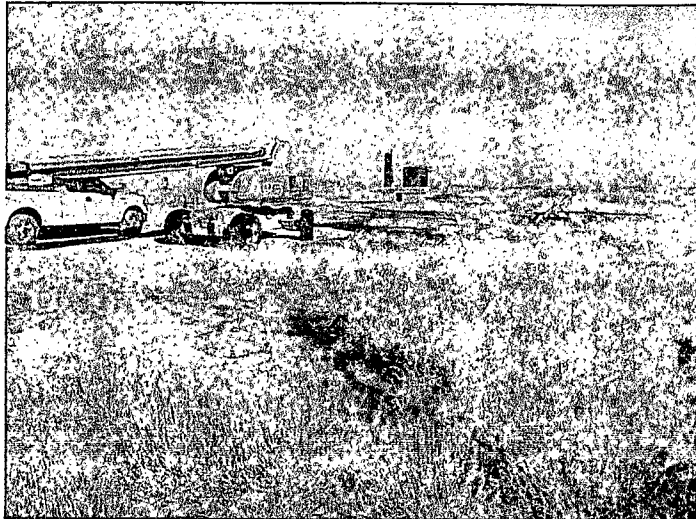
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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>		
Printed Name: Hack Conder	Approved by Environmental Specialist:		
Title: Environmental Manager	Approval Date:	Expiration Date:	
E-mail Address: hconder@riceswd.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone: (575) 631-6432		

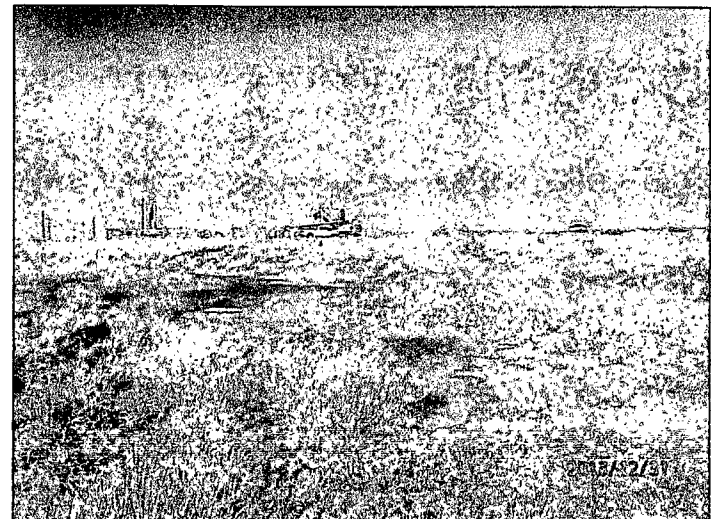
\* Attach Additional Sheets If Necessary

BD Jct. N-31-1 (API# 30-025-38528)

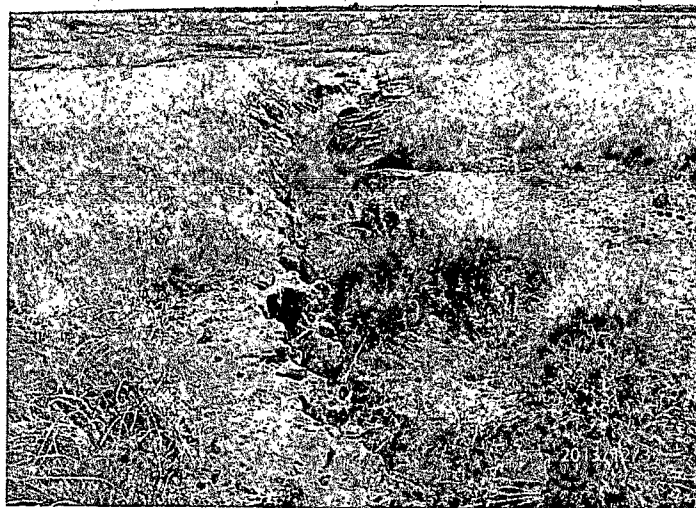
Unit N, Section 31, T21S, R37E



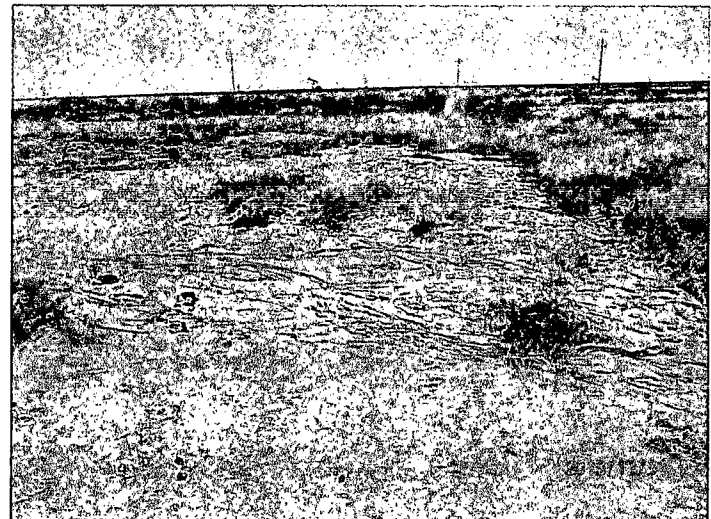
Facing northeast



Facing north



Facing south



Facing south





# Appendix B

## Laboratory Analysis

**RICE Operating Comany (ROC)**  
112 West Taylor Hobbs, NM 88240  
Phone 575.393.9174

January 07, 2014

KYLE NORMAN

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: BD N-31-1

Enclosed are the results of analyses for samples received by the laboratory on 01/06/14 8:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

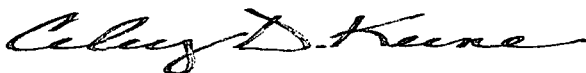
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

 Rice Operating Company  
 KYLE NORMAN  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

 Received: 01/06/2014  
 Reported: 01/07/2014  
 Project Name: BD N-31-1  
 Project Number: NONE GIVEN  
 Project Location: T21S R37E

 Sampling Date: 01/02/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: PT. 1 @ SURFACE (H400021-01)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	01/07/2014	ND	416	104	400	3.77	
TPH 8015M		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	

Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.8 % 63.6-154

**Sample ID: PT. 1 @ 1.5 FT (H400021-02)**

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/07/2014	ND	416	104	400	3.77	
TPH 8015M		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	

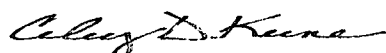
Surrogate: 1-Chlorooctane 98.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.4 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Rice Operating Company  
 KYLE NORMAN  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

 Received: 01/06/2014  
 Reported: 01/07/2014  
 Project Name: BD N-31-1  
 Project Number: NONE GIVEN  
 Project Location: T21S R37E

 Sampling Date: 01/02/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: PT. 1 @ 2 FT (H400021-03)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	01/07/2014	ND	416	104	400	3.77	
TPH 8015M		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	

Surrogate: 1-Chlorooctane 98.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.4 % 63.6-154

**Sample ID: PT. 2 @ SURFACE (H400021-04)**

Chloride, SM4500CI-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>6640</b>	16.0	01/07/2014	ND	416	104	400	3.77	
TPH 8015M		mg/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	

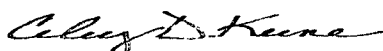
Surrogate: 1-Chlorooctane 98.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.1 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 Rice Operating Company  
 KYLE NORMAN  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

 Received: 01/06/2014  
 Reported: 01/07/2014  
 Project Name: BD N-31-1  
 Project Number: NONE GIVEN  
 Project Location: T21S R37E

 Sampling Date: 01/02/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: PT. 2 @ 6 IN (H400021-05)**

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2014	ND	416	104	400	3.77	
TPH 8015M			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	
Surrogate: 1-Chlorooctane		94.6 %	65.2-140						
Surrogate: 1-Chlorooctadecane		88.2 %	63.6-154						

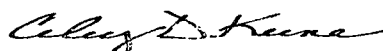
**Sample ID: PT. 2 @ 1 FT (H400021-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/07/2014	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32	
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78	
Surrogate: 1-Chlorooctane		97.9 %	65.2-140						
Surrogate: 1-Chlorooctadecane		92.8 %	63.6-154						

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

 Rice Operating Company  
 KYLE NORMAN  
 112 W. Taylor  
 Hobbs NM, 88240  
 Fax To: (575) 397-1471

 Received: 01/06/2014  
 Reported: 01/07/2014  
 Project Name: BD N-31-1  
 Project Number: NONE GIVEN  
 Project Location: T21S R37E

 Sampling Date: 01/02/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: PT. 3 @ SURFACE (H400021-07)**

Chloride, SM4500CI-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	7280	16.0	01/07/2014	ND	416	104	400	3.77			
TPH 8015M			mg/kg							Analyzed By: ms	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32			
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78			

Surrogate: 1-Chlorooctane 91.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 85.3 % 63.6-154

**Sample ID: PT. 3 @ 2.5 FT (H400021-08)**

Chloride, SM4500CI-B			mg/kg							Analyzed By: AP	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	112	16.0	01/07/2014	ND	416	104	400	3.77			
TPH 8015M			mg/kg							Analyzed By: ms	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	<10.0	10.0	01/06/2014	ND	212	106	200	3.32			
DRO >C10-C28	<10.0	10.0	01/06/2014	ND	207	103	200	2.78			

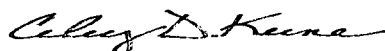
Surrogate: 1-Chlorooctane 95.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 92.4 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

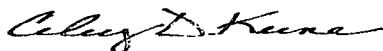
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



---

Celey D. Keene, Lab Director/Quality Manager



# CARDINAL LABORATORIES

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

\* RUSH \*

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 7 of 7

Company Name: <u>RICE</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																				
Project Manager: <u>Kyle Norman</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> </div>																				
Address:				Company:																								
City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>				Attn:																								
Phone #:				Address:																								
Project #:				City:																								
Project Name: <u>BD N-31-1</u>				State: Zip:																								
Project Location: <u>T215 R37E</u>				Phone #:																								
Sampler Name: <u>Amber Groves</u>				Fax #:																								
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																				
Lab I.D.	Sample I.D.	(G)IRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME														
H400021																												
	1 Pt. 1 @ Surface	G	1			✓							1-2-14	8:30	✓	✓												
	2 Pt. 1 @ 1.5ft	G	1			✓							1-2-14	8:45	✓	✓												
	3 Pt. 1 @ 2ft	G	1			✓							1-2-14	8:50	✓	✓												
	4 Pt. 2 @ Surface	G	1			✓							1-2-14	9:30	✓	✓												
	5 Pt. 2 @ 1in	G	1			✓							1-2-14	9:35	✓	✓												
	6 Pt. 2 @ 1ft	G	1			✓							1-2-14	9:40	✓	✓												
	7 Pt. 3 @ Surface	G	1			✓							1-2-14	10:30	✓	✓												
	8 Pt. 3 @ 2.5ft	G	1			✓							1-2-14	3:00	✓	✓												

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 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 service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Amber Groves</u>	Date: <u>1-6-14</u> Time: <u>8:05</u>	Received By: <u>Godi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One)	Time:	Sample Condition	REMARKS:
Sampler - UPS - Bus - Other:		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	email results knorman@rice-ecs.com hconder@rice-ecs.com; Lweinheimer@rice-ecs.com; kjones@riceswd.com; Lpena@riceswd.com; sedwards@rice-ecs.com agroves@rice-ecs.com
		CHECKED BY: <u>GA</u>	

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

#54