1R - 425 - 1

GENERAL CORRESPONDENCE

YEAR(S):

2007 - 2004

1R-425-01
Gen. Cor.
2007

SBC YAHOO! SMALL BUSINESS Email

Date:	Tue, 20 Mar 2007 13:54:46 -0700 (PDT)
From:	"L. Peter Galusky, Jr. P.E." <lpg@texerra.com>
Subject:	Addenda for Vacuum N-6-1, K-35-1 and E-2
To:	"Edward J. Hansen" <edwardj.hansen@state.nm.us>
CC:	"Kristin Pope" <kpope@riceswd.com>

Dear Edward,

I offer the following in reply to your request for additional information to supplement the Corrective Action Plans th recently submitted for Vacuum N-6-1, K-35-1 and E-2.

Disposition of recovered water: Rice intends to employ MacLaskey Oilfield Services to collect the recovered wate site. We anticipate that that will use trucks of 130 +/- bbl capacity. The recovered water will be trucked to the Stat facility at Arkansas Junction (operated by Alliance). Rice will obtain manifests of each load and retain these in the

As constructed cross-sections of clay liners: Please find the attached images for each site, which were prepared b I have also included photographs to supplement the drawings.

I am providing this information via e-mail so that you may have it at your fingertips more quickly. I will forward har the same to you in the mail.

Again, I greatly appreciate OCD's consideration of these proposed Corrective Action Plans for these projects.

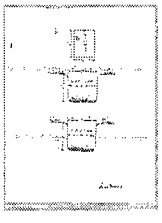
Sincerely,

Pete G.

L. Peter Galusky, Jr. Ph.D.
Principal
Texerra
Energy Square
505 N. Big Spring, Suite 404
Midland, Texas 79701
E-mail: lpg@texerra.com
Web: www.texerra.com
Office Telephone/Fax: 877-534-9001

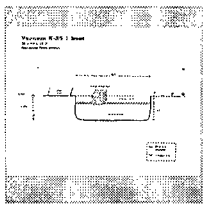
Attachments

Photos:



Vacuum_N_6_1_schematic_of_clay_liner.jpg (360k) [View]

Vacuum_N_6_1_clay_liner_photo_9_14_04.JPG (5



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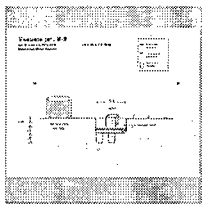

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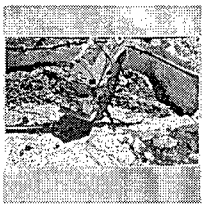


Vacuum_E_2_clay_liner_photo_9_14_04.JPG (52

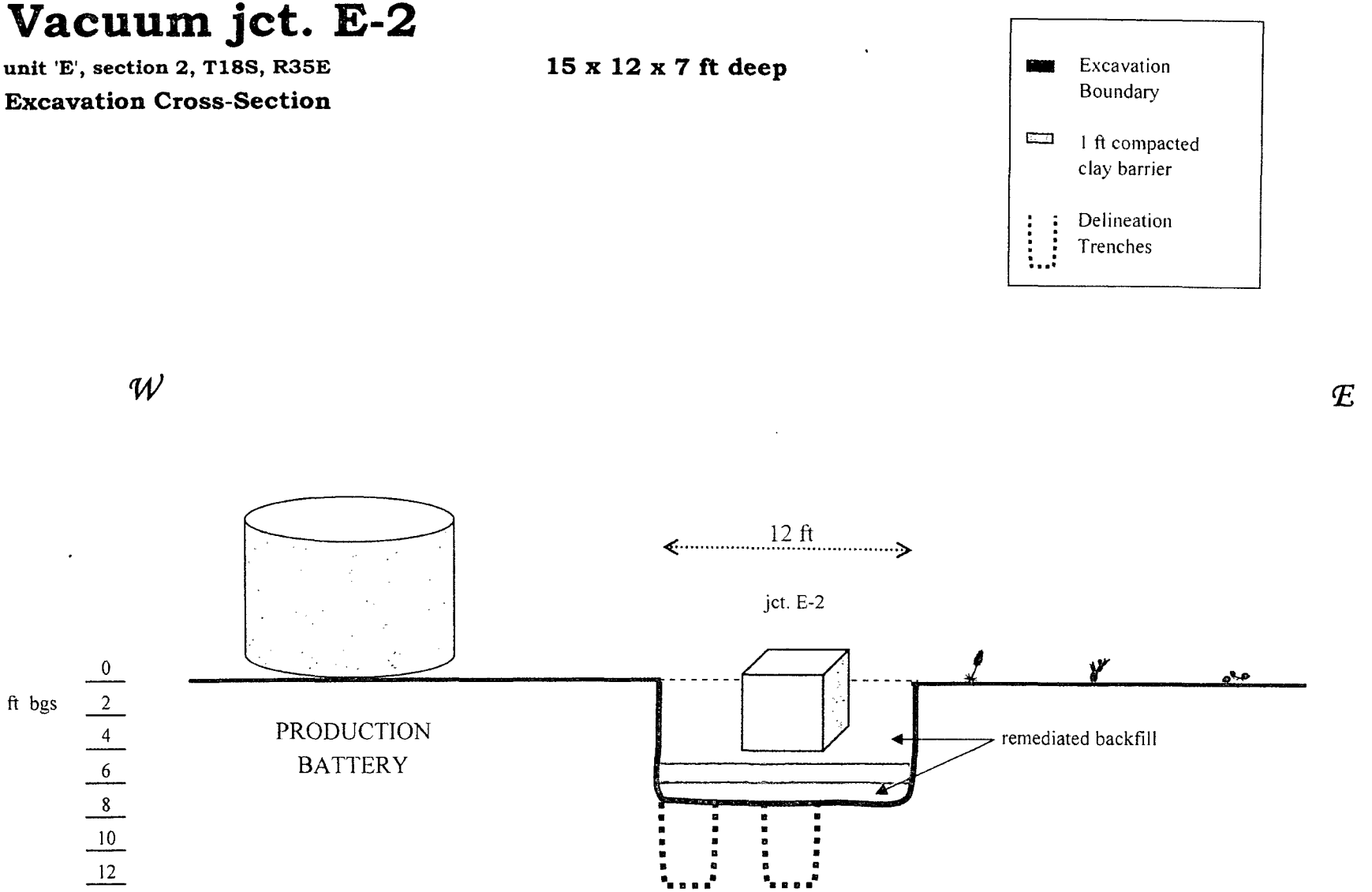
Save All to Yahoo! Photos

Vacuum jct. E-2

unit 'E', section 2, T18S, R35E

Excavation Cross-Section

15 x 12 x 7 ft deep



E-2

L. Peter Galusky, Jr. Ph.D., P.G.
Texerra

March 2nd, 2007

Mr. Edward Hansen
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

RE: Rice Operating Company
Vacuum E-2 Junction Box
Unit E Sec 2 T18S R35E
OCD Case Number 1R0425-01
Corrective Action Plan

CERTIFIED MAIL/RETURN RECEIPT No. 7005 0390 0002 9898 2693

Dear Edward,

In follow-up to our meeting of last week please find enclosed a Corrective Action Plan for the above-referenced project. As we discussed, we are most anxious to proceed with the corrective action measures that we propose, and would therefore greatly appreciate your timely consideration.

Please contact Kristin Pope at Rice if you have any questions or need additional information regarding this submittal. Please note, also, that I will put a hard-copy of this submittal in tomorrow's mail.

Thank you.

Sincerely,

L. Peter Galusky, Jr. Ph.D.
Principal

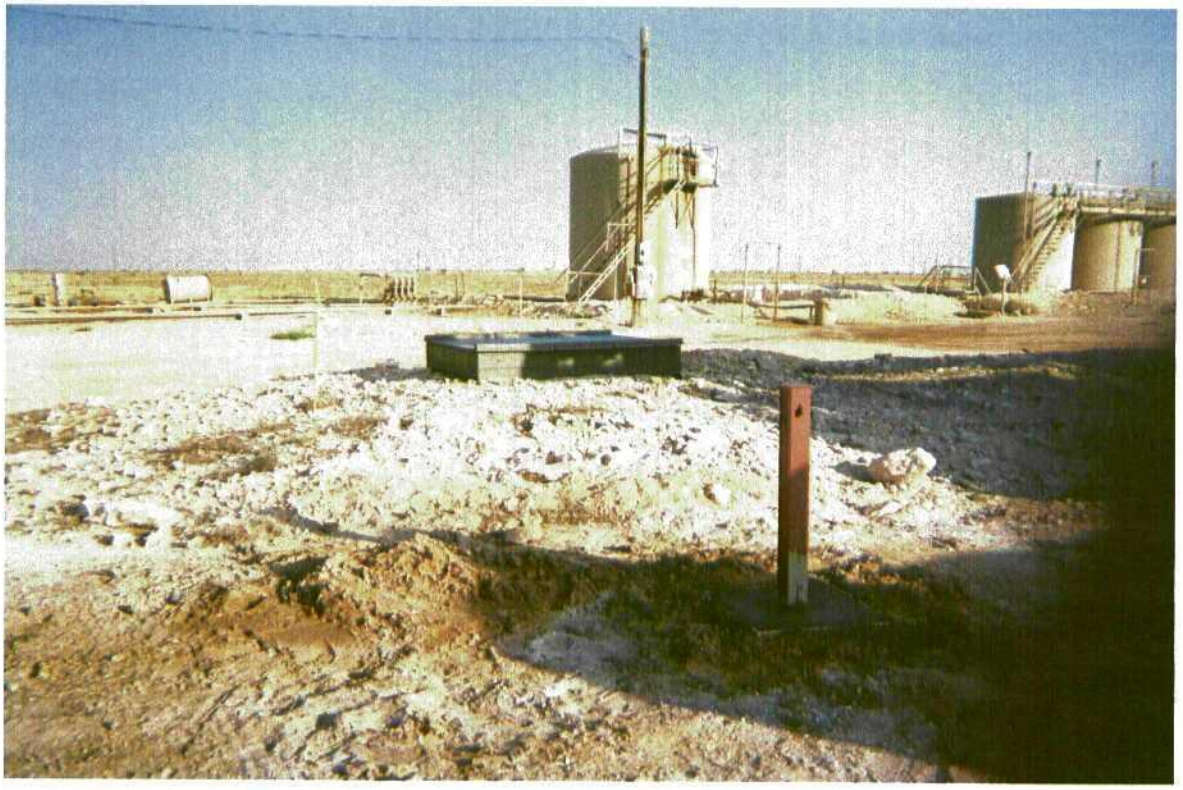
Cc: Kristin Pope, Rice Operating Company

Enclosures: CAP report

Corrective Action Plan

Vacuum E-2 Junction Box

Unit E Sec 2 T18S R35E
OCD Case Number 1R0425-01



March 2nd, 2007

Prepared by:

L. Peter Galusky, Jr. Ph.D.
Texerra
505 N. Big Spring, Suite 404
Midland, Texas 79701
Web: www.texerra.com
E-mail: lpg@texerra.com

Corrective Action Plan

Vacuum E-2 Junction Box
Unit E Sec 2 T18S R35E
OCD Case Number 1R0425-01

Contents

Figures, Plate and Tables

Corrective Action Plan

Vacuum E-2 Junction Box
Unit E Sec 2 T18S R35E
OCD Case Number 1R0425-01

Executive Summary

Field investigation undertaken in June and October of 2006 found elevated levels of chloride (above 5,000 ppm) with depth in the soils near the former junction box, but relatively low levels of chlorides (508 ppm) in the groundwater. These data indicate that **the primary impact at the E-2 junction box has been on soils and surface vegetation. Groundwater has not been substantially affected.**

These results suggest a recommended path forward which is proposed as the **Corrective Action Plan** for this project:

1. **Surface ecological restoration.** Soil samples will be taken at selected, representative locations in the vicinity of the former junction box to determine the extent of near-surface, soil chloride contamination. These results will be used develop appropriate soil remedies, which may include soil amendments, watering, and the addition of clean soil where this is warranted. The re-establishment of native vegetation will serve to substantially enhance evapo-transpiration, and to thus limit the downward migration of water and chlorides.

2. **Groundwater chloride removal and monitoring**. Groundwater will be withdrawn from the monitor well (MW-1) at the junction box location to determine if limited pumping will effectively attenuate chloride concentrations. We anticipate withdrawing as much water as the well will deliver over the course of (approximately) a few hours twice weekly for about a month. We will monitor groundwater chloride concentrations during each pumping event to determine if this effort is successful in substantially attenuating chloride levels, or if further pumping or another remedy seems warranted. All chloride-laden groundwater removed from the well will be handled according to regulations and protocols appropriate for oil field produced waters.

   If a few rounds of aggressive pumping effectively diminish groundwater chlorides near the junction box, this will demonstrate that the groundwater impact has been minor and localized. If chloride levels do not substantially diminish, the information gained during this effort will be nevertheless be useful in developing subsequent corrective measures.

Project History

Rice Operating Company (ROC) upgraded a junction box at the referenced site in September, 2004. During excavation, visual evidence of impact was suspected. Subsequent soil investigation (using field titration kits) revealed detectable levels of chlorides, ranging from approx. 1,300 ppm near the surface to approximately 2,300 ppm at the limit of excavation, 7 ft below ground surface. PID measure of hydrocarbon revealed insignificant levels (less than 18 ppm).

The old, wooden junction box and connections were removed and soils beneath it were excavated to a depth of approximately 12 feet over an area of 12 by 15 ft. The excavated soil was blended on site and backfilled into the hole. At 6 feet below ground surface a 1 foot thick compacted clay barrier was installed to inhibit potential further downward chloride migration from overlying soils. The remaining excavated soils were backfilled on top of the clay barrier. A waterproof junction box was installed overtop of a clay liner of approximately 1 foot in thickness placed at the bottom of the excavation.

L. Peter Galusky, Jr. subsequently submitted an Investigation and Characterization Plan (ICP) in December, 2005, to more definitively evaluate the extent of impact to soils and vegetation, and to evaluate the potential for groundwater impact. OCD approved the ICP in May of 2006. This report which follows presents the results of field work conducted in June and October, 2006, and incorporates concerns expressed by OCD during a meeting in Hobbs on February 21st, 2007.

Physiographic Setting

The site is located approximately 7,500 ft southwest of the intersection of Buckeye Road and County Road 53; (Plate 1). The topography is gently sloping toward the southeast (Plate 2). Soils on the site are mapped (as KO) in the Lea County Soil Survey as belonging to the Kimbrough gravelly loam soil series. These are characterized by gravelly loam to a depth of approximately 6 inches, and this is underlain by several feet of calcium indurated caliche. Vegetation is open range grassland and desert scrub. Groundwater was measured at a depth of approximately 59 feet, occurring in unconsolidated Tertiary alluvium of the Ogallala Formation. The direction of groundwater flow is toward the southeast (Plate 2).

Results of Field Investigation

Harrison and Cooper, Inc. of Lubbock, Texas was retained to drill soil boring and install monitoring wells on this site. The site was drilled on Tuesday, June 20th. L. Peter Galusky, Jr. was present to mark the desired locations of soil borings and monitor wells, and to log drill cuttings. A schematic map showing the approximate locations of soil borings and monitor wells is given in Plate 3. The location of the water wells in the NM State Engineer database within a half-mile radius of the site is given in Plate 4. Soil boring logs and the results of field chloride sampling and laboratory analysis are given in Tables 1 through 7 of the Appendix.

Data Synthesis and Recommended Corrective Action Measures

Field investigation, verified by laboratory analysis, revealed that soils near the junction box were impacted by chlorides from at or near the surface down to the present water table; (Figure 1). There were no hydrocarbons revealed by field organic vapor analysis.

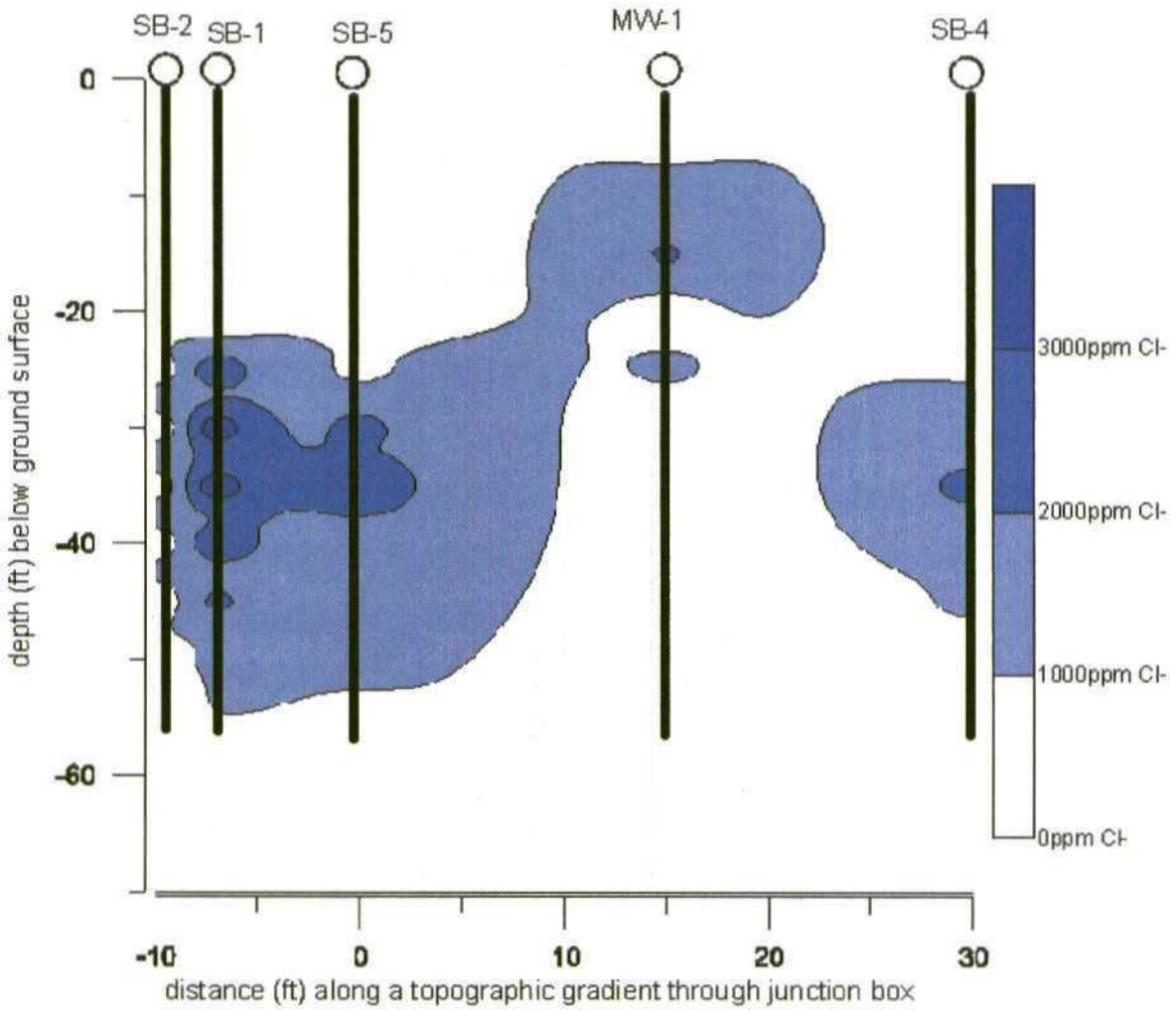


Figure 1 – Interpolated soil chloride concentrations (mg/kg).

Groundwater near the junction box (MW-1) contained a measured chloride concentration of 542 ppm; (Figure 2). Chloride concentrations measured 45 ppm in an upgradient well (MW-3) and 48 ppm in a downgradient well (MW-2).

Although 542 ppm is above the EPA recommended drinking water level of 250 ppm, it is not an alarming level. Further, given that no water supply well exists within ½ mile downgradient of the junction box (Plate 4) and given that a downgradient monitor well (approximately 300 feet from the junction box) has not been impacted, it would seem that there is no threat to the downgradient water supply well.

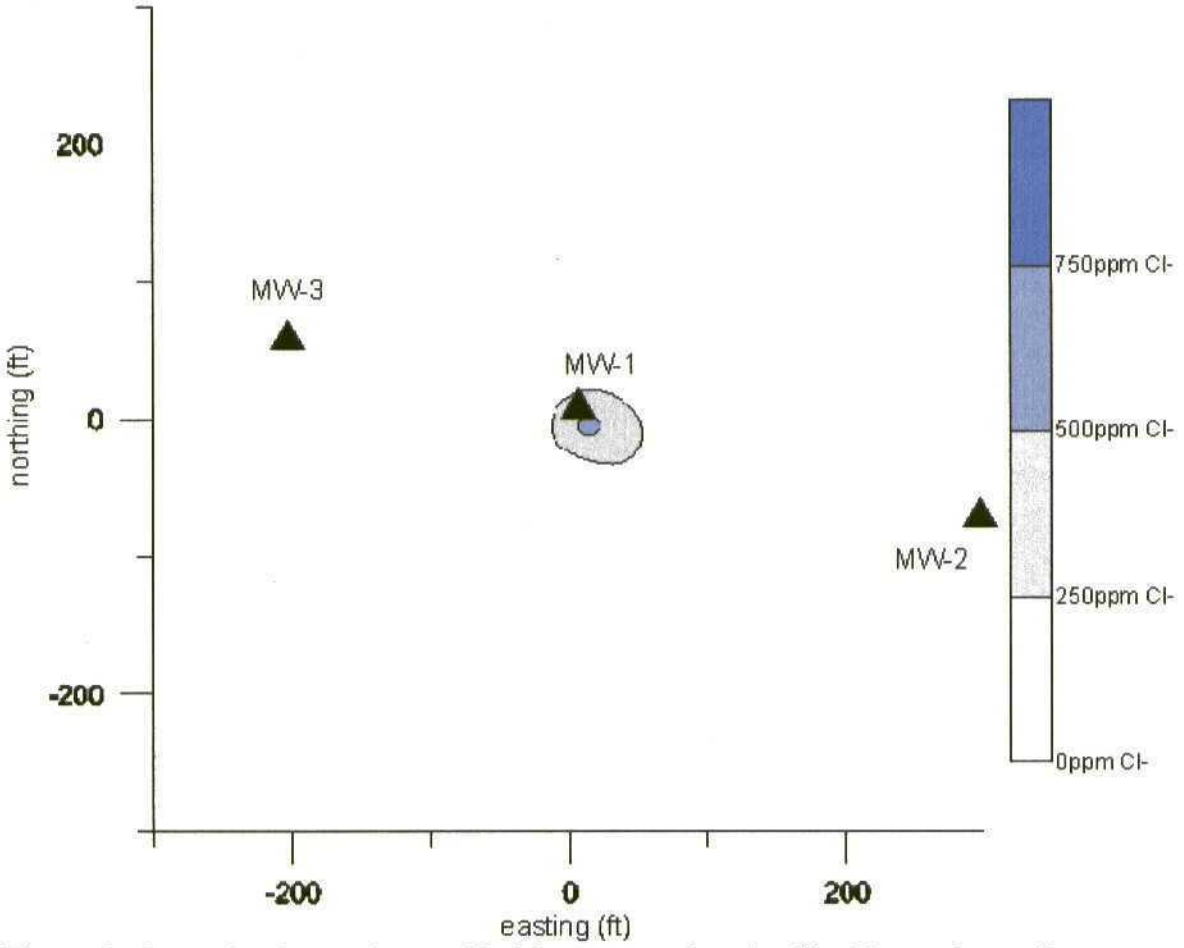


Figure 2 – Interpolated groundwater chloride concentrations (mg/liter) in monitor wells. Distances east and north are relative to a value of 0,0 for the junction box.

These data indicate that **the primary impact at the E-2 junction box has been on soils and surface vegetation. Groundwater has not been substantially affected.**

Taken together, these results suggest a recommended path forward which is proposed as the **Corrective Action Plan** for this project:

1. **Surface ecological restoration.** Soil samples will be taken at selected, representative locations in the vicinity of the former junction box to determine the extent of near-surface, soil chloride contamination. These results will be used develop appropriate soil remedies, which may include soil amendments, watering, and the addition of clean soil where this is warranted. The re-establishment of native vegetation will serve to substantially enhance evapo-transpiration, and to thus limit the downward migration of water and chlorides.

2. **Groundwater chloride removal and monitoring**. Groundwater will be withdrawn from the monitor well (MW-1) at the junction box location to determine if limited pumping will effectively attenuate chloride concentrations. We anticipate withdrawing as much water as the well will deliver over the course of (approximately) a few hours twice weekly for about a month. We will monitor groundwater chloride concentrations during each pumping event to determine if this effort is successful in substantially attenuating chloride levels, or if further pumping or another remedy seems warranted. All chloride-laden groundwater removed from the well will be handled according to regulations and protocols appropriate for oil field produced waters.

   If a few rounds of aggressive pumping effectively diminish groundwater chlorides near the junction box, this will demonstrate that the groundwater impact has been minor and localized. If chloride levels do not substantially diminish, the information gained during this effort will be nevertheless be useful in developing subsequent corrective measures.

Appendix

Plate 1- Aerial photograph showing **site location**.

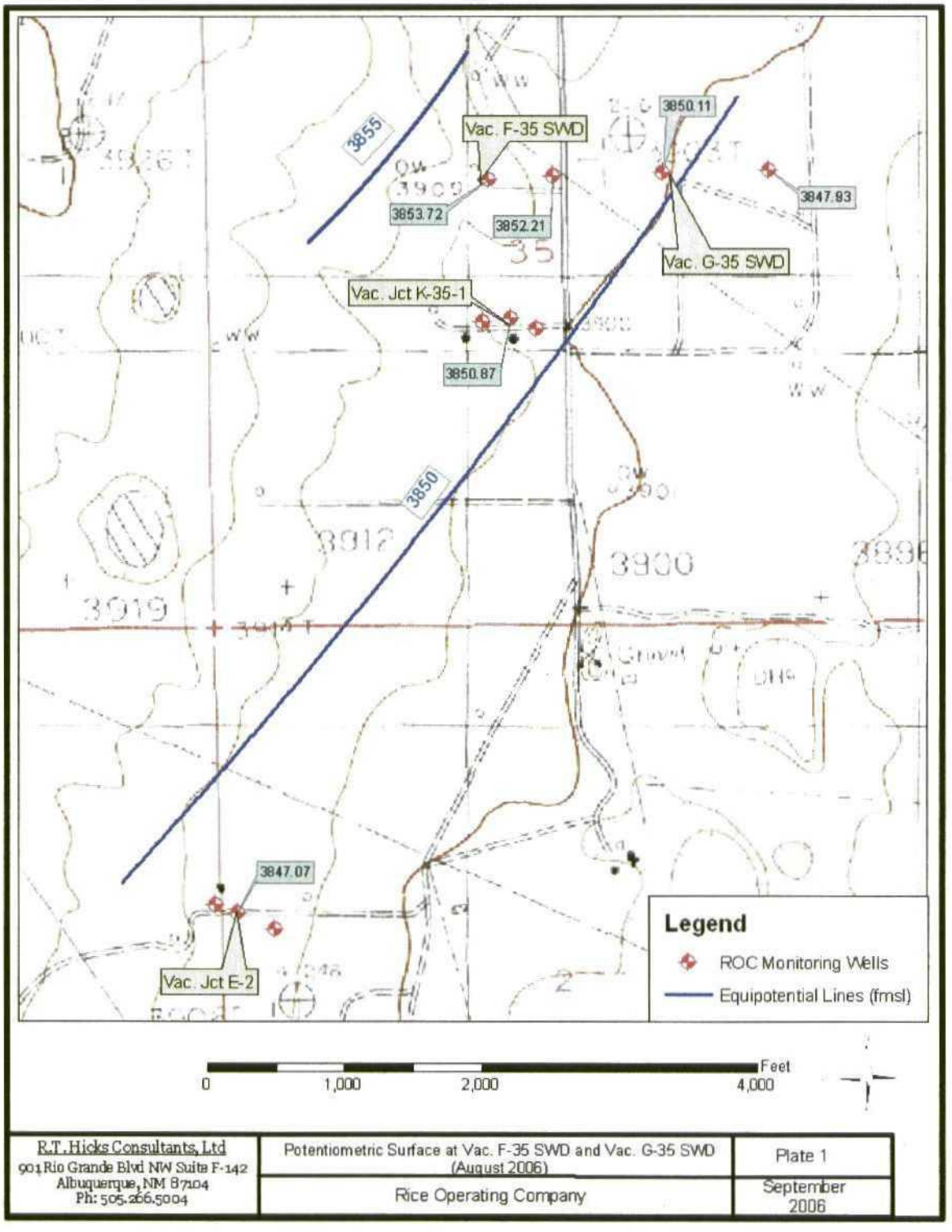


Plate 2 – Topographic map, showing potentiometric (water table) surface. The presumed direction of groundwater flow is toward the southeast.

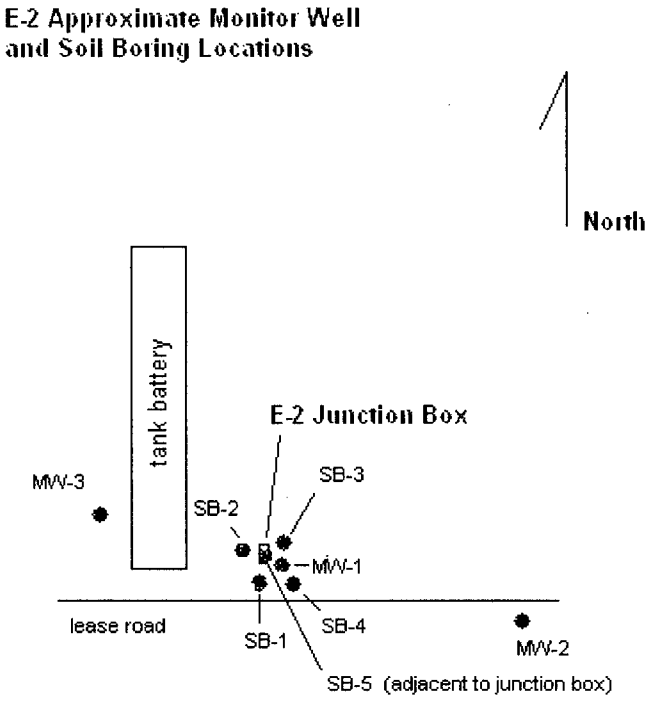


Plate 3 – Approximate soil boring and monitor well locations.

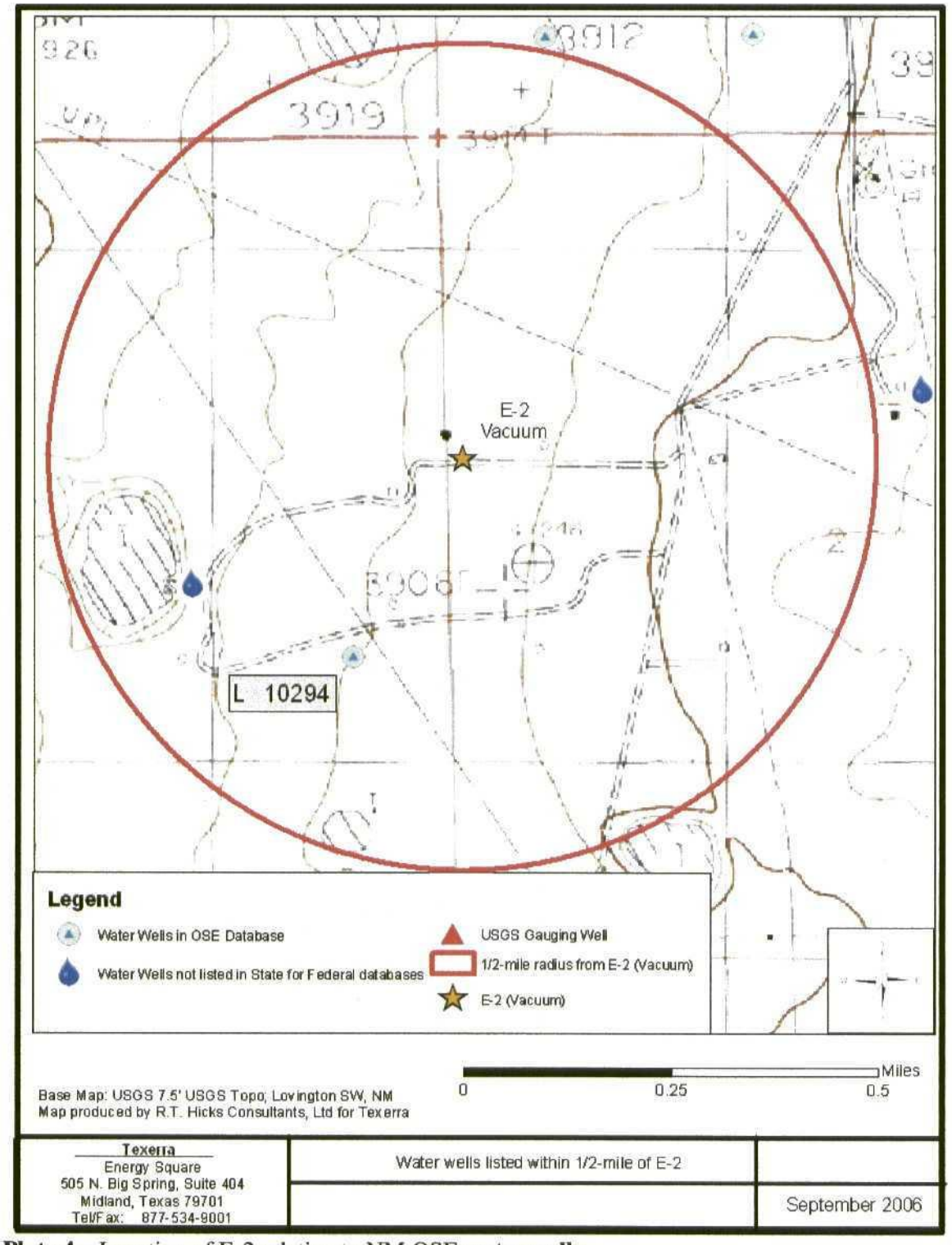


Plate 4 – Location of E-2 relative to NM OSE **water wells**.

Soil Boring Log
Rice Operating Company
Vacuum Field SWD System
E-2 junction box

Identification: **MW-1**
Location: approx. 15 ft southeast of junction box
Date: 6/20/2006
Driller: Ken Cooper (Harrison and Cooper, Inc.)
Drill method: Air Rotary
Logged by: L. Peter Galusky, Jr.
Monitor well screened interval : top 50 ft below ground surface
bottom 70 "

Depth	Field Chloride Test (ppm)	Lab Chloride Test (ppm)	Field OVM test (ppm)	Lab BTEX test (ppm)	Cutting Description	Well Schematic
0					tan caliche	solid pipe
-5	499		0		"	"
-10	1763		0		"	"
-15	2099	2335	0		"	"
-20	744		0		"	"
-25	1054		0		light brown sand	"
-30	419		0		"	"
-35	452		0		" (thin sandstone layer at 36 ft)	"
-40	364		0		" (with many fine gravels)	"
-45	487		0		" "	"
-50	281		0		" "	screen
-55	184		0		" "	"
-60	87		0		brown sand	"
-65	113		0			"
-70	146	112	0			

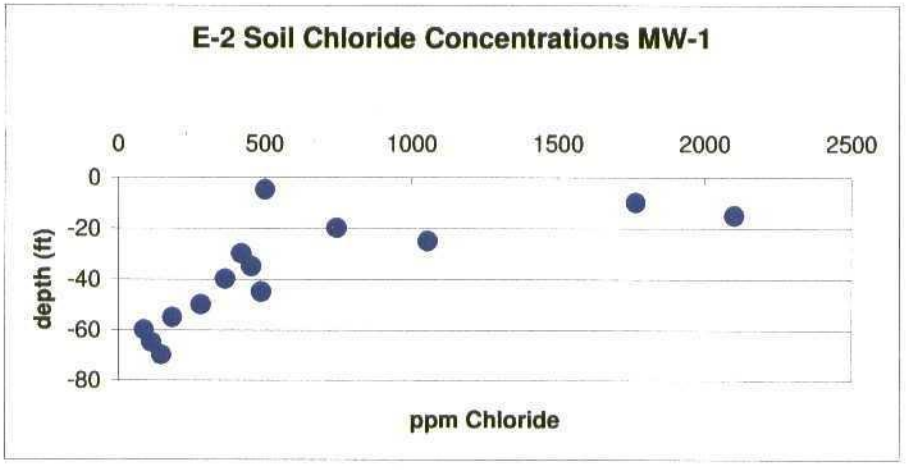


Table 1 – Soil boring log and chloride levels for MW-1.

Soil Boring Log
Rice Operating Company
Vacuum Field SWD System
E-2 junction box

Identification: **MW-2**
Location: approx. 300 ft southeast of junction box
Date: 6/21/2006
Driller: Ken Cooper (Harrison and Cooper, Inc.)
Drill method: Air Rotary
Logged by: L. Peter Galusky, Jr.
Monitor well screened interval : top 50 ft below ground surface
bottom 70 "

Depth	Field Chloride Test (ppm)	Lab Chloride Test (ppm)	Field OVM test (ppm)	Lab BTEX test (ppm)	Cutting Description	Well Schematic
0					brown fine gravelly loam	solid pipe
-5					light gray caliche	"
-10	118		0		"	"
-15					"	"
-20	110		0		"	"
-25					"	"
-30	121		0		brown sand	"
-35					"	"
-40	56		0		" (thin sandstone layer at 45 ft)	"
-45					"	"
-50	60		0		fine tan sand	screen
-55					"	"
-60	57		0		brown sand	"
-65					"	"
-70	58	<16	0			

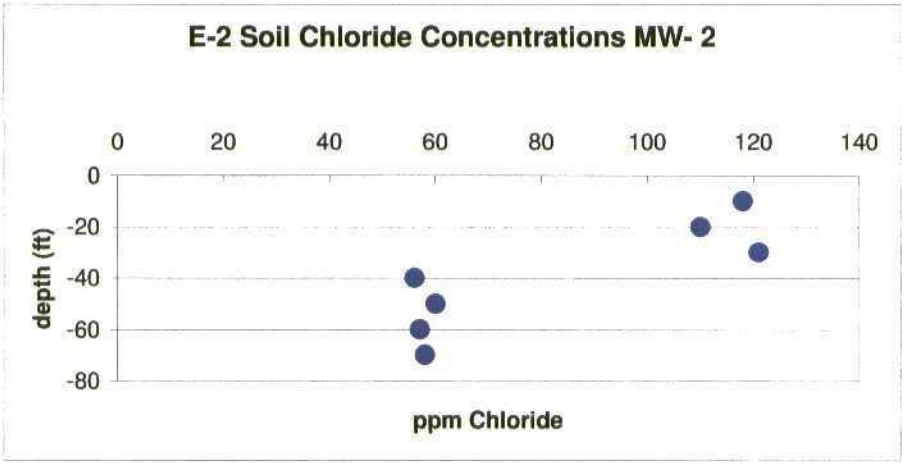


Table 2 – Soil boring log and chloride levels for MW-2.

Soil Boring Log
Rice Operating Company
Vacuum Field SWD System
E-2 junction box

Identification: **MW-3**
Location: approximately 200 ft northwest of junction box
Date: 6/21/2006
Driller: Ken Cooper (Harrison and Cooper, Inc.)
Drill method: Air Rotary
Logged by: L. Peter Galusky, Jr.
Monitor well screened interval : top 50 ft below ground surface
bottom 70 "

Depth	Field Chloride Test (ppm)	Lab Chloride Test (ppm)	Field OVM test (ppm)	Lab BTEX test (ppm)	Cutting Description	Well Schematic
0					brown fine gravelly loam	solid pipe
-5					light gray caliche	"
-10	88			0	"	"
-15					"	"
-20	57			0	"	"
-25					"	"
-30	29			0	brown sand	"
-35					" (thin sandstone layer at 40 ft)	"
-40	28			0	"	"
-45					"	"
-50	57		32	0	fine tan sand	screen
-55					" "	"
-60	29			0	brown sand	"
-65					"	"
-70	29			0		

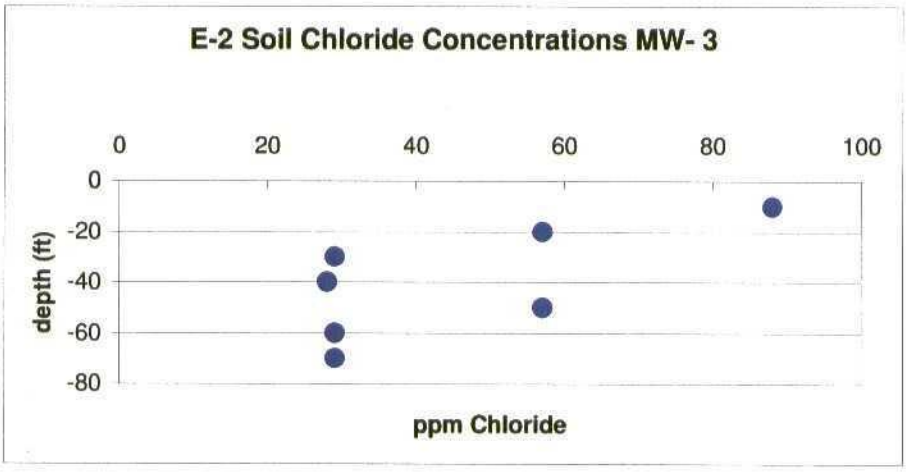


Table 3 – Soil boring log and chloride levels for MW-3.

Soil Boring Log
Rice Operating Company
Vacuum Field SWD System
E-2 junction box

Identification: **SB-1**
Location: approx. 10 ft southwest of jct box
Date: 6/20/2006
Driller: Ken Cooper (Harrison and Cooper, Inc.)
Drill method: Air Rotary
Logged by: L. Peter Galusky, Jr.

Depth	Field Chloride Test (ppm)	Lab Chloride Test (ppm)	Field OVM test (ppm)	Lab BTEX test (ppm)	Cutting Description
0					light tan caliche
-5	207		0		
-10	113		0		
-15	185		0		light brown sand
-20	143		0		"
-25	2645		0		"
-30	3682		0		"
-35	3729		0		"
-40	2674		0		hard tan sandstone
-45	2196		0		brown sand
-50	1111	1344	0		"

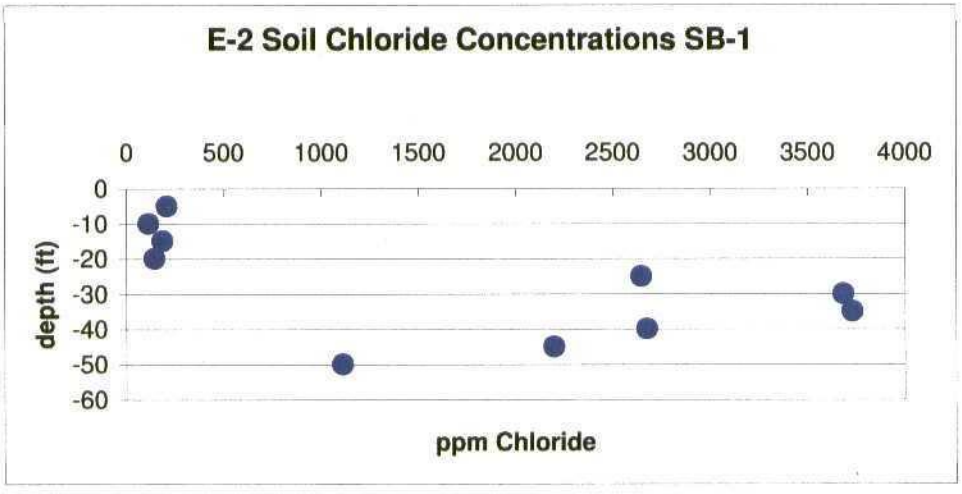


Table 4 – Soil boring log and chloride levels for SB-1.

Soil Boring Log
Rice Operating Company
Vacuum Field SWD System
E-2 junction box

Identification: **SB-2**
Location: approx. 10 ft northwest of junction box
Date: 6/21/2006
Driller: Ken Cooper (Harrison and Cooper, Inc.)
Drill method: Air Rotary
Logged by: L. Peter Galusky, Jr.

Depth	Field Chloride Test (ppm)	Lab Chloride Test (ppm)	Field OVM test (ppm)	Lab BTEX test (ppm)	Cutting Description
0					light tan caliche
-5	714		0		"
-10	501		0		"
-15	601		0		light brown sand
-20	479		0		"
-25	571		0		"
-30	356		0		"
-35	520		0		"
-40	442		0		"
-45	442		0		
-50	474	560	0		

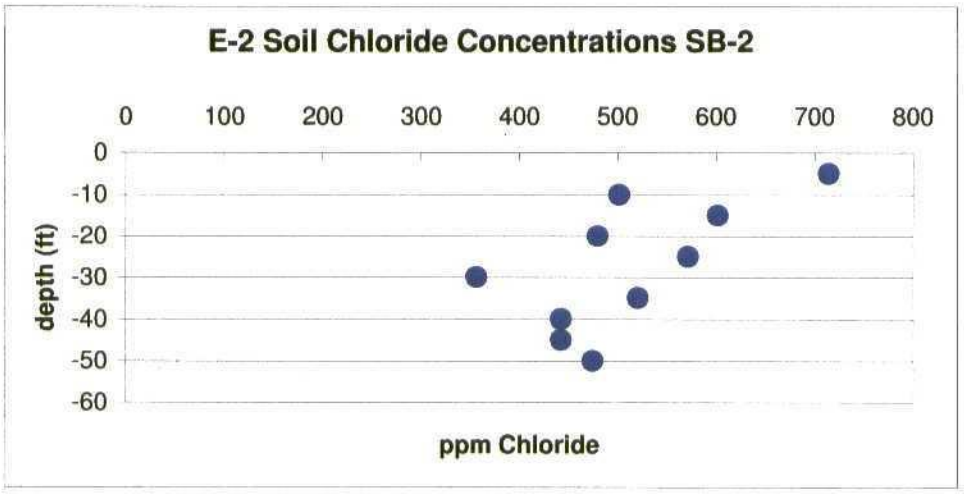


Table 5 – Soil boring log and chloride levels for SB-2.

Soil Boring Log
Rice Operating Company
Vacuum Field SWD System
E-2 junction box

Identification:	**SB-3**
Location:	approx. 30 ft northeast of former junction box
Date:	6/21/2006
Driller:	Ken Cooper (Harrison and Cooper, Inc.)
Drill method:	Air Rotary
Logged by:	L. Peter Galusky, Jr.

Depth	Field Chloride Test (ppm)	Lab Chloride Test (ppm)	Field OVM test (ppm)	Lab BTEX test (ppm)	Cutting Description
0					light tan caliche
-5	209		0		"
-10	174		0		"
-15	121		0		"
-20	90		0		light tan sand
-25	117		0		"
-30	90		0		"
-35	86		0		hard tan sandstone
-40	122	64	0		"

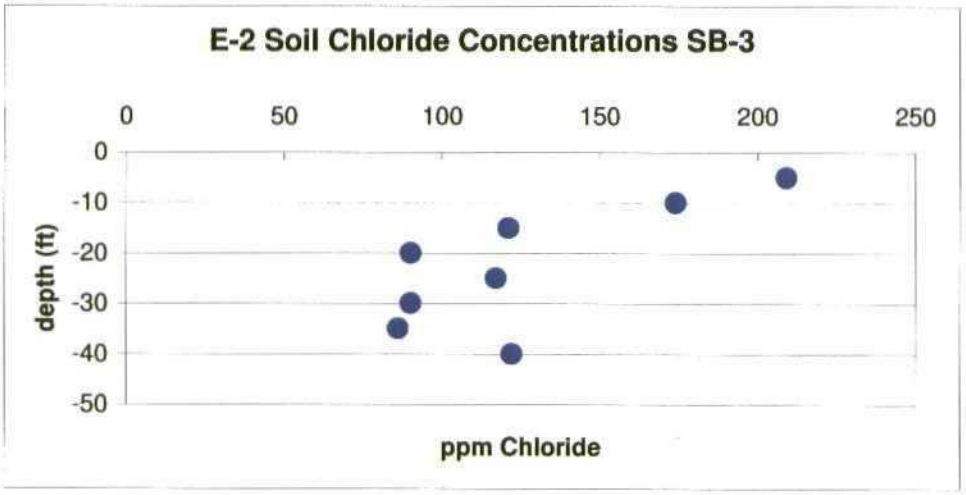


Table 6 – Soil boring log and chloride levels for SB-3.

Soil Boring Log
Rice Operating Company
Vacuum Field SWD System
E-2 junction box

Identification: **SB-4**
Location: approx. 30 ft southeast of former junction box
Date: 6/21/2006
Driller: Ken Cooper (Harrison and Cooper, Inc.)
Drill method: Air Rotary
Logged by: L. Peter Galusky, Jr.

Depth	Field Chloride Test (ppm)	Lab Chloride Test (ppm)	Field OVM test (ppm)	Lab BTEX test (ppm)	Cutting Description
0					light tan caliche
-5	239		0		"
-10	828		0		"
-15	899		0		"
-20	169		0		"
-25	983		0		"
-30	1338		0		hard tan sandstone
-35	2435		0		"
-40	1061		0		"
-45	1083		0		light brown sand
-50	589		0		
-55	389		0		
-60	140	224	0		

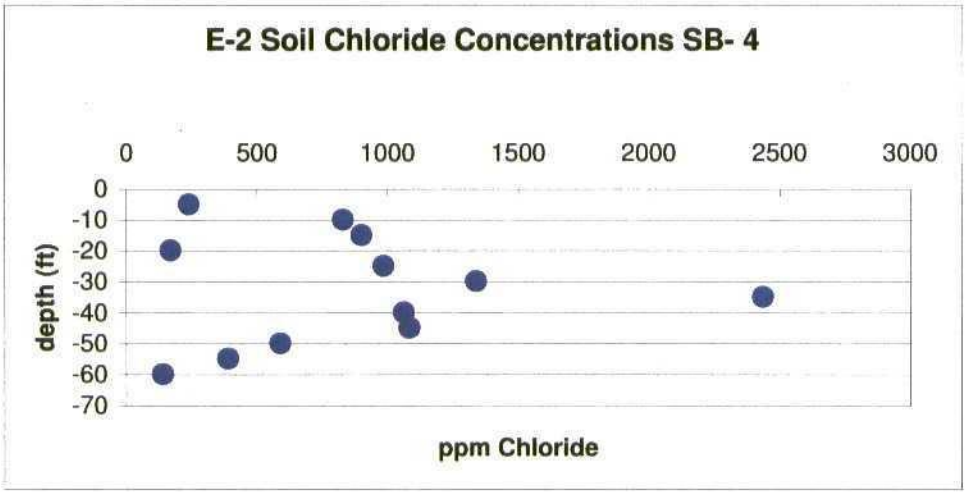


Table 7 – Soil boring log and chloride levels for SB-4.

Hansen, Edward J., EMNRD

From: Price, Wayne, EMNRD
Sent: Wednesday, December 20, 2006 10:16 AM
To: lpg@texerra.com
Cc: Kristin Pope; Carolyn Haynes; Hansen, Edward J., EMNRD
Subject: RE: Rice Operating Co. - Rule 19 letter

Your request is hereby respectfully denied because of the amount of time that has already lapsed.

PS: In the future please cc ED Hansen of our staff on all submittals.

From: L. Peter Galusky, Jr. P.E. [mailto:lpg@texerra.com]
Sent: Tuesday, December 19, 2006 1:41 PM
To: Price, Wayne, EMNRD
Cc: Kristin Pope; Carolyn Haynes
Subject: Rice Operating Co. - Rule 19 letter

Wayne,

This is in follow-up to the voice mail message that I left earlier today.

Rice received your letter, dated December 8th, bringing the following sites under Rule 19 requirements:

Rice Vacuum E-2
OCD Case No. 1R0425-01

Rice Vacuum K-35-1
OCD Case No. 1R0425-03

Rice Vacuum N-6-1
OCD Case No. 1R0479

As we received this letter, we were just about to submit to you Corrective Action Plans (CAPs) for these sites, which would address their groundwater impacts. We believe that the measures proposed in these CAPs would provide sufficient remedy to ameliorate their groundwater impacts (which we believe are small and localized), and that the regulatory rigor of Rule 19 requirements would therefore not be necessary.

I therefore wish to appeal to you, to rescind the Rule 19 declarations for these sites until you have had time to consider their CAPs. I can have the CAPs to you by end of day Thursday (December 21st) ... and very likely sooner if you this would be helpful.

I would be most grateful for your consideration of this request.

Sincerely,

Peter Galusky

L. Peter Galusky, Jr. P.E.
Principal Environmental Engineer
Texerra
Energy Square
505 N. Big Spring, Suite 404
Midland, Texas 79701
E-mail: lpg@texerra.com
Web: www.texerra.com
Office Telephone/Fax: 877-534-9001

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
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1. Article Addressed to: 12-8-06

Kristen Farris Pope
RIC Operating Company
122 West Taylor
Hobbs, NM 88240

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X ☐ Agent ☐ Addressee

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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

CERTIFIED MAIL
RETURN RECEIPT NO: 3929 4418

December 8, 2006

Kristen Farris Pope
Rice Operating Company
122 West Taylor
Hobbs, New Mexico 88240

RE: REQUIREMENT TO SUBMIT ABATEMENT PLAN

Dear Ms. Pope:

The New Mexico Oil Conservation Division (OCD) has determined after reviewing your Notification of Groundwater Impact for each of the following five sites:

1) Rice Hobbs SWD Jct E-32-1
Unit E, Section 32, T18S, R38E
Lea County, New Mexico
OCD Case #1R0428-65

2) Rice Vacuum Jct E-2
Unit E, Section 2, T18S, R35E
Lea County, New Mexico
OCD Case #1R0425-01

3) Rice Vacuum K-35-1 Boot
Unit K, Section 35, T17S, R35E
Lea County, New Mexico
OCD Case #1R0425-03

4) Rice N-6-1 Junction Box
Unit N, Section 6, T18S, R35E
Lea County, New Mexico
OCD Case #1R0479

5) Rice BD H-35 Emergency Overflow Pit
Unit H, Section 35, T22S, R37E
Lea County, New Mexico
OCD Case #1R0216

that the Rice Operating Company (ROC) must submit for each of the five sites a separate Stage 1 Abatement Plan in accordance with OCD Rule 19 (19.15.1.19 NMAC) to investigate the ground water contamination at each of these sites. The Stage 1 Abatement Plans must be submitted to the OCD Santa Fe Office with a copy provided to the OCD Hobbs District Office and must meet of all the requirements specified in OCD Rule 19 (19.15.1.19 NMAC), including, but not limited to, the public notice and participation requirements specified in Rule 19G. The Stage 1 Abatement Plan is due sixty (60) days from the receipt by ROC of this written notice.

ROC's Stage 1 Abatement Plans must specifically meet all of the requirements specified in OCD Rule 19E.3, including, but not limited to, a site investigation work plan and monitoring program that will enable it to characterize the release using an appropriate number of isoconcentration maps and cross sections that depict the contamination that has been released from the sites and to provide the data necessary to select and design an effective abatement option. ROC may, if it chooses, concurrently submit a Stage 2 Abatement Plan that addresses appropriate proactive abatement options.

ROC should submit one paper copy and an electronic copy on CD for each of the Plans and for all future workplans and/or reports for each of the Plans. Please be sure to include the current corresponding OCD Case # on each of the respective Abatement Plans. An Abatement Plan # will be assigned as each of the Plans are submitted to the OCD. If you have any questions, please contact Edward J. Hansen of my staff at (505) 476-3489 or mailto:edwardj.hansen@state.nm.us.

Sincerely,

Wayne Price
Environmental Bureau Chief

WP:EJH:ejh

cc: Chris Williams, OCD Hobbs District Supervisor
Larry Johnson, OCD Hobbs

Price, Wayne, EMNRD

From: L. Peter Galusky, Jr. P.E. [lpg@texerra.com]
Sent: Thursday, June 01, 2006 3:13 PM
To: Price, Wayne, EMNRD
Cc: Kristin Pope
Subject: RE: Rice Operating Company Vacuum Field E-2 ICP OCD #1R0425-01

Wayne,

Please be advised that we plan to conduct drilling/soil sampling activities under this ICP during the last week in June. I will advise you of the specific day shortly.

In regard to your comments below, please note that Rice considered this to be a "disclosure", rather than a "closure". Thus, the work submitted thus far was intended to be preliminary, ahead of an ICP.

Please note that no soil material was hauled off the site, as it was simply backfilled into the excavation, as noted in the disclosure report. Thus, the clay barrier that was installed was simply as an interim precaution to preclude chloride migration. Subsequent investigation during the ICP will determine if this needs to be removed, redone, etc. We do plan to sample above and below this interim clay barrier.

Lastly, we will follow the ICP as written and approved by you, and will also address the points that you note, below.

Thank you.

Sincerely,

L. Peter (Pete) Galusky, Jr.
877-534-9001
lpg@texerra.com

"Price, Wayne, EMNRD" <wayne.price@state.nm.us> wrote:

> OCD hereby approves of the ICP for the above site with the following conditions:
>
> 1. Please provide the sample results of all remediated soils above and below the clay liner within 10 days.
> 2. Please provide waste disposal manifest.
> 3. The vertical delineation shall consist of at least one bore hole through the area of noted highest contamination. Soil samples shall be collected above and below the clay barrier for any constituent of concern. Other bore holes are recommended.
> 4. This approval will be included in the final report.
> 5. This project has been assigned OCD # 1R425-01. Please provide this number on all correspondence.
> 6. The ICP shall be completed by July 14, 2006 and all information, included information requested above shall be reported to OCD no later than July 28, 2006.
> 7. Notify the OCD Santa Fe office and the OCD District office at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples during OCD's normal business hours.

Special Note: From looking at the disclosure report it appeared that chloride levels ranged from 960-3958. If this project was closed pursuant to "in accordance with the OCD-approved Junction Box Upgrade Work Plan (Rev. July 2003)" which only allow soils containing 1000 ppm chlorides there may be an issue of proper closure. Please investigate this issue and explain why the clay barrier was placed before final investigation. Also explain why this closure did not follow the Jct Box work plan.

Please be advised that NMOCD approval of this plan does not relieve the owner/operator of Responsibility should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve the owner/operator of responsibility for compliance with any other federal, state, or local laws and/or regulations

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From: L. Peter Galusky, Jr. P.E. [mailto:lpg@texerra.com]
Sent: Thursday, May 18, 2006 10:34 AM
To: Price, Wayne, EMNRD
Cc: Kristin Pope
Subject: Rice Operating Company Vacuum Field E-2 ICP

Wayne,

Please find attached, in Adobe .pdf format, and ICP for the above referenced site.

As we are interested in scheduling field sampling for this site in tandem with other nearby sites in June, we would be most grateful for your review of this ICP at your earliest opportunity.

Please call me if you have any questions or need additional information.

Thank you.

Sincerely,

Pete G.

L. Peter Galusky, Jr. Ph.D., P.E.
Environmental Engineer
Energy Square
505 N. Big Spring, Suite 404
Midland, Texas 79701
E-mail: lpg@texerra.com
Cell: 432-967-2128
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L. Peter Galusky, Jr. Ph.D., P.E.
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