1R - 425-04

APPROVALS

YEAR(S):

2013

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Thursday, September 12, 2013 2:57 PM
To: Hack Conder (hconder@riceswd.com)
Cc: Leking, Geoffrey R, EMNRD; Laura Pena (lpena@riceswd.com); Katie Jones <kjones@riceswd.com> (kjones@riceswd.com); Scott Curtis (scurtis@riceswd.com)
Subject: Remediation Plan (1R425-04) Termination - ROC Vacuum Conoco Phillips Glorietta (Santa Fe) Site

RE: Termination Request
for the Rice Operating Company's
Vacuum Conoco Phillips Glorietta (Santa Fe) Site
Unit Letter N, Section 27, T17S, R35E, NMPM, Lea County, New Mexico
Remediation Plan (1R425-04) Termination

Dear Mr. Conder:

The New Mexico Oil Conservation Division (OCD) has received Rice Operating Company's report and request to close the above-referenced site (including further information, dated September 12, 2013), dated August 27, 2013 (received August 30, 2013). The report is acceptable to the OCD.

The above-referenced report, submitted in accordance with 19.15.29 NMAC (Rule 29; formally, Rule 116), indicates that Rice Operating Company has met the requirements of 19.15.29 NMAC; therefore, the OCD approves the report and hereby notifies you that the remediation plan (1R425-04) is terminated in accordance with 19.15.29 NMAC.

Please be advised that OCD approval of this report does not relieve the owner/operator of responsibility should operations pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the owner/operator of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

If you have any questions regarding this matter, please contact me at 505-476-3489.

Edward J. Hansen
Hydrologist
Environmental Bureau

RICE *Operating Company*
122 West Taylor • Hobbs, New Mexico 88240
Phone: (575) 393-9174 • Fax: (575) 397-1471

CERTIFIED MAIL
RETURN RECEIPT NO. 7007 2560 0000 4569 8913

August 27, 2013

Mr. Edward Hansen
New Mexico Energy, Minerals, & Natural Resources
Oil Conservation Division, Environmental Bureau
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

RE: Termination Request
Vacuum Conoco Phillips Glorietta (Santa Fe) (1R425-04):
UL/N, Sec. 27, T17S, R35E
RICE Operating Company – Vacuum SWD System

Mr. Hansen:

RICE Operating Company (ROC) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site in the Vacuum Salt Water Disposal (SWD) system. ROC is the service provider (agent) for the Vacuum 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/usage basis.

Background
In 2005, ROC initiated work on the former Conoco Phillips Glorietta (Santa Fe) junction box. The site is located in UL/N, Sec. 27, T17S, R35E. NM OSE records indicate that groundwater would likely be encountered at a depth of approximately 64 +/- feet. The site was delineated using a backhoe to collect soil samples at regular intervals, creating a 8x3x12 ft deep excavation. Each sample was field titrated for chlorides and field screened using a PID for hydrocarbons, resulting in low organic vapor concentration. The 12 ft sample was sent to a commercial for analysis of chloride and TPH, resulting in a chloride concentration of 1,800 mg/kg, a gasoline range organics (GRO) concentration below detectable limits and a diesel range organics (DRO) concentration of 54.5 mg/kg. The excavation was backfilled with the excavated soil to ground surface and contoured to the surrounding area.

NMOCD was notified of potential groundwater impact on January 16, 2006, and a junction box disclosure report (See Attachments, Junction Box Report) was submitted to NMOCD with all the 2005 junction box closures and disclosures.

In February 2013, the site was revisited and found to be located within a facility and will be encompassed in the clean-up after the facility is abandoned (See Attachments, Current Photodocumentation). Since the site is located within a facility and will be remediated upon completion of the facility's activities, ROC respectfully requests 'remediation termination' or similar closure status of the site.

Please contact me at (575)393-9174 if you have any questions or wish to discuss this site. Thank you for your time and consideration.

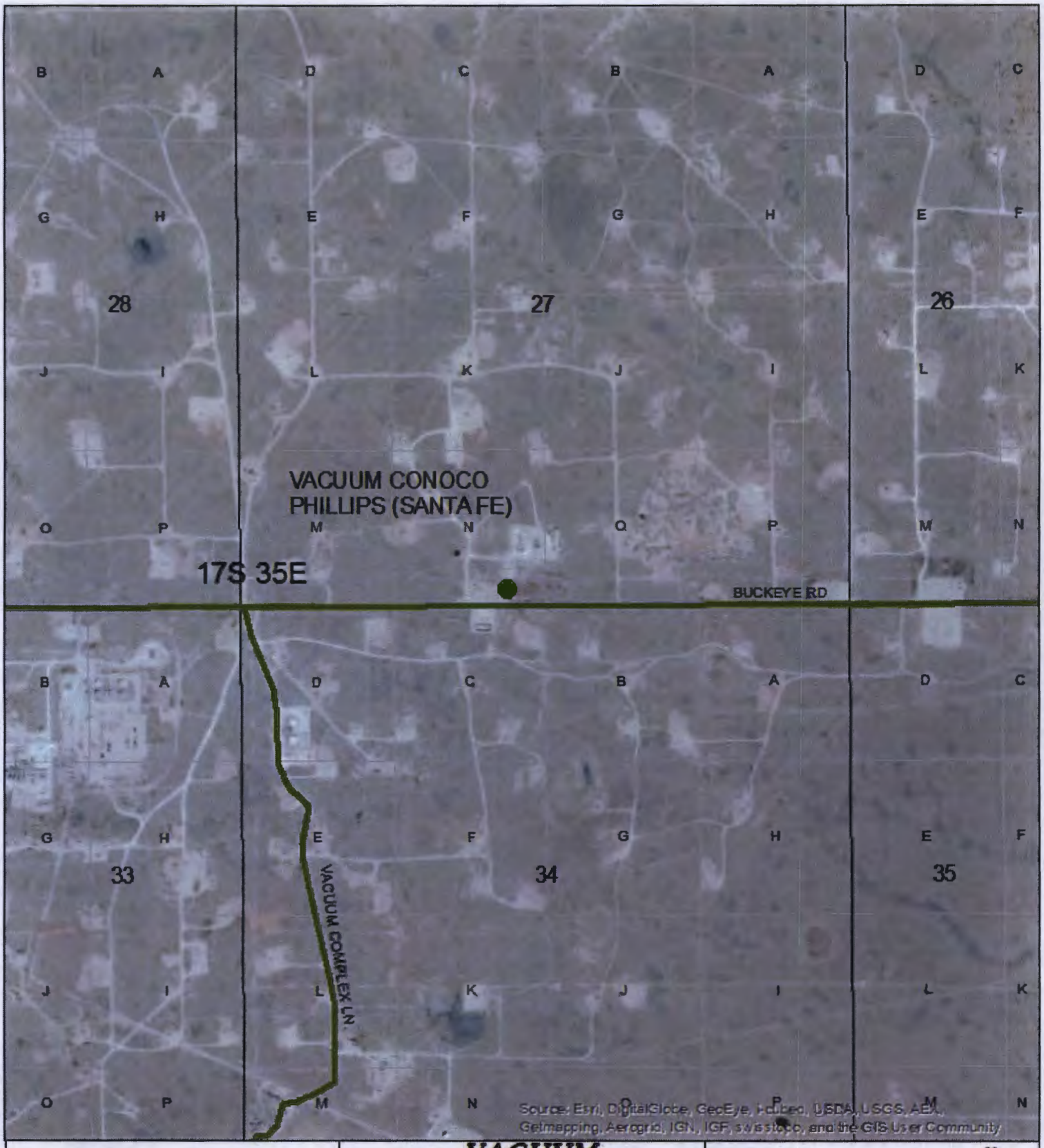
Sincerely,
RICE Operating Company

Hack Conder
Environmental Manager

enclosures

Site Maps

RICE *Operating Company* (ROC)
112 West Taylor Hobbs, NM 88240
Phone: (575) 393-9174 Fax: (575) 397-1471



RICE ENVIRONMENTAL CONSULTING & SAFETY, LLC

RECS

VACUUM CONOCO PHILLIPS GLORIETTA (SANTA FE)

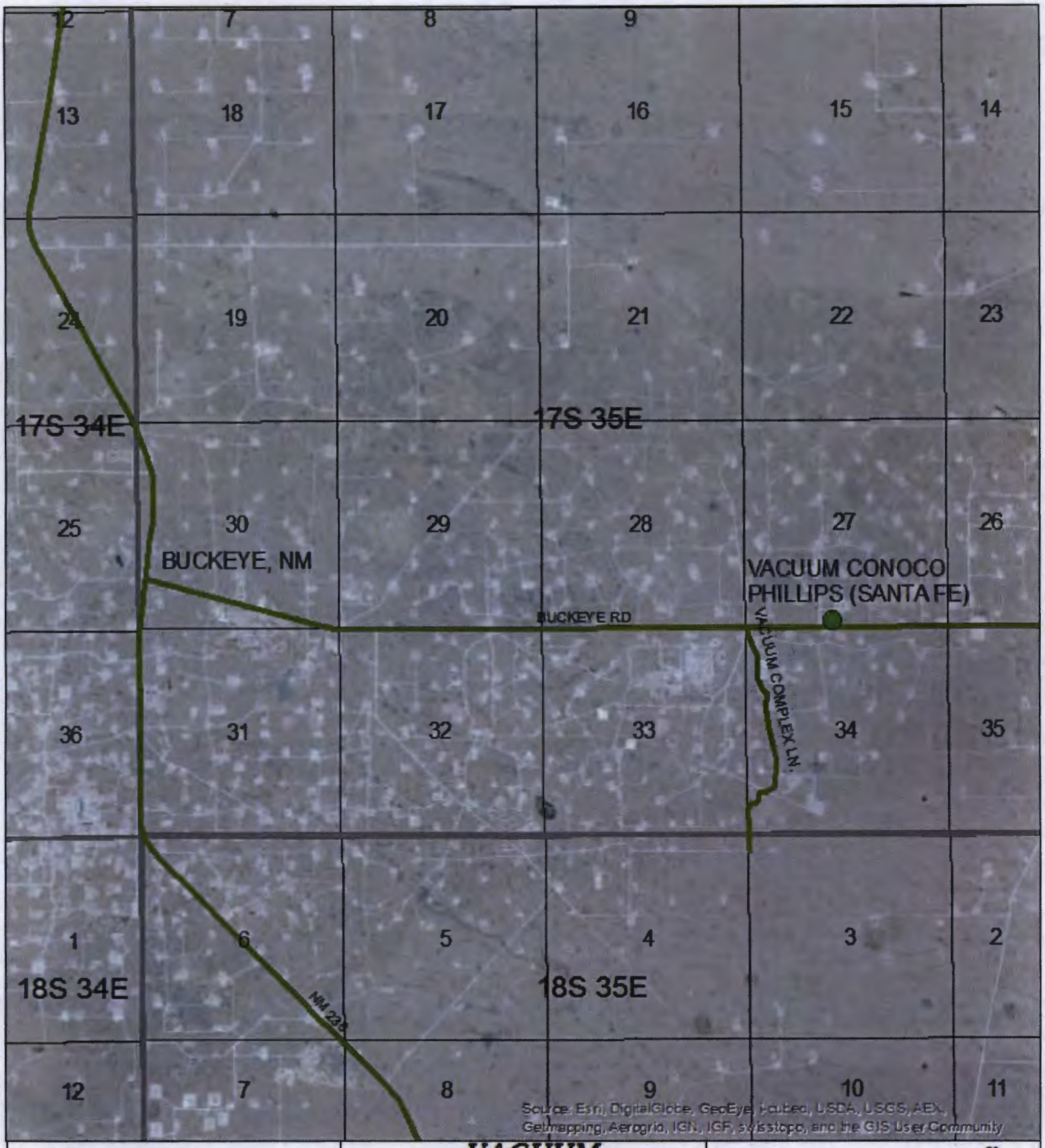
UL N SECTION 27
T-17-S R-35-E
LEA COUNTY, NM

NMOCD Case 1R425-04

N W E S

0 1,000 2,000 Feet

Drawing date: 5/2/13
Drafted by: T. Grieco



RICE ENVIRONMENTAL CONSULTING & SAFETY, LLC

RECS

VACUUM CONOCO PHILLIPS GLORIETTA (SANTA FE)

UL N SECTION 27
T-17-S R-35-E
LEA COUNTY, NM

NMOCD Case 1R425-04

N
W E
S

0 0.5 1 Miles

Drawing date: 5/2/13
Drafted by: T. Grieco

Junction Box Report

RICE *Operating Company* (ROC)
112 West Taylor Hobbs, NM 88240
Phone: (575) 393-9174 Fax: (575) 397-1471

RICE OPERATING COMPANY
JUNCTION BOX **DISCLOSURE*** REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Vacuum	Conoco Phillips Glorietta (Santa Fe)	N	27	17S	35E	Lea	System Abandonment--no box		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 64 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 8/8/2005 Date Completed 12/23/2005 NMOCD Witness no

Soil Excavated 11 cubic yards Excavation Length 8 Width 3 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: **Sample Date** 8/8/2005 **Sample Depth** 12

TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
GRAB @ 12 ft BGS	2.3	<10.0	54.5	1800

CHLORIDE FIELD TESTS

LOCATION	DEPTH (ft)	ppm
vertical trench at junction	4	1328
	5	905
	6	839
	7	1002
	8	1227
	9	2029
	10	1838
	11	1203
	12	1203

General Description of Remedial Action:

This junction box was located inside a production facility and was addressed as part of the Vacuum SWD System Abandonment. After removing the box materials, a delineation trench was made at the site using a backhoe while soil samples were collected at regular intervals to 12 ft BGS. Chloride field tests and PID screenings were conducted on each sample. Chloride concentrations generally increased with depth while PID concentrations were relatively low throughout. After a 12-ft sample was collected for laboratory analysis, the trench was backfilled with the excavated soil. An identification plate was placed on the surface of this site to mark the former junction box location for future environmental considerations. NMOCD has been notified of potential groundwater impact at this site.

enclosures: chloride graph, photos, lab results, PID field screenings

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Jorge Hernandez SIGNATURE not available COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE Kristin Farris Pope

DATE 1/17/2006 TITLE Project Scientist

This site is a "DISCLOSURE." It will be placed on a prioritized list of similar sites for further consideration.

Vacuum Conoco Phillips Glorietta (Santa Fe) EOL

Unit 'N', Sec. 27, T17S, R35E

undisturbed junction box 7/12/2005

backfilling delineation trench 12/22/2005

backfilled site with ID plate 1/12/2006

ID plate marking former junction box location 1/12/2006

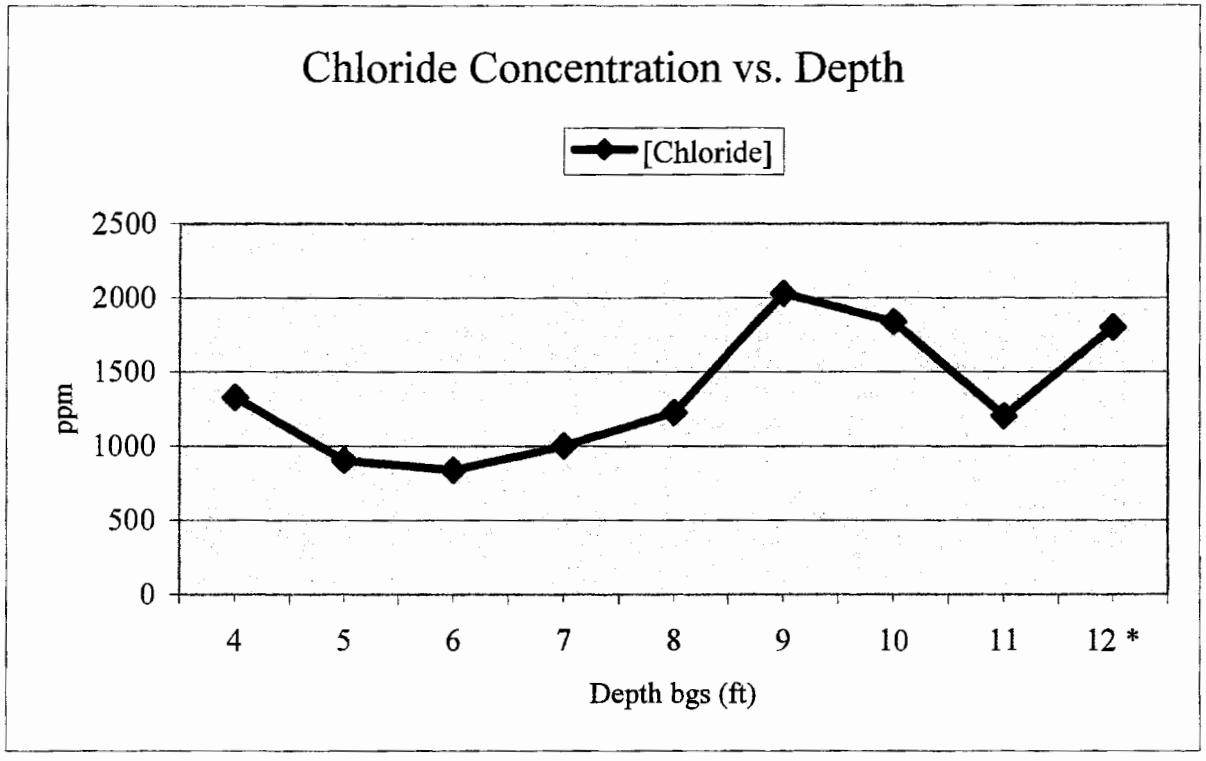
Vacuum Conoco Phillips Glorietta (Santa Fe) EOL

Unit 'N', Sec. 27, T17S, R35E

Vertical Delineation at Junction

Depth bgs (ft)	[Cl⁻] ppm
4	1328
5	905
6	839
7	1002
8	1227
9	2029
10	1838
11	1203
12 *	1800

Groundwater = 64 ft



* Laboratory analysis

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Roy Rascon

Rice Operating Co.

122 W. Taylor

Hobbs, NM 88240

VACUUM

Project: Conoco Phillips Glorieta (Santa Fe)

Project Number: None Given

Location: None Given

Lab Order Number: 5H09012

Report Date: 08/17/05

Rice Operating Co.	Project: Conoco Phillips Glorieta (Santa Fe)	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/05 15:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Grab Sample@ 12'	5H09012-01	Soil	08/08/05 14:08	08/09/05 15:12

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

Rice Operating Co.	Project: Conoco Phillips Glorieta (Santa Fe)	Fax: (505) 397-1471
122 W. Taylor	Project Number: None Given	**Reported:**
Hobbs NM, 88240	Project Manager: Roy Rascon	08/17/05 15:34

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Grab Sample@ 12' (5H09012-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EH51018	08/10/05	08/10/05	EPA 8015M	
Diesel Range Organics >C12-C35	**54.5**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**54.5**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*81.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*94.6 %*	*70-130*		"	"	"	"	

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

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Bottom Grab Sample@ 12' (5H09012-01) Soil									
Chloride	**1800**	25.0	mg/kg	50	EH51714	08/16/05	08/16/05	EPA 300.0	
% Moisture	**12.5**	0.1	%	1	EH51102	08/10/05	08/11/05	% calculation	

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH51018 - Solvent Extraction (GC)										
Blank (EH51018-BLK1)				Prepared & Analyzed: 08/10/05						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	*42.5*		*mg/kg*	*50.0*		*85.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*47.5*		*"*	*50.0*		*95.0*	*70-130*			
LCS (EH51018-BS1)				Prepared & Analyzed: 08/10/05						
Gasoline Range Organics C6-C12	445	10.0	mg/kg wet	500		89.0	75-125			
Diesel Range Organics >C12-C35	458	10.0	"	500		91.6	75-125			
Total Hydrocarbon C6-C35	903	10.0	"	1000		90.3	75-125			
Surrogate: 1-Chlorooctane	*45.7*		*mg/kg*	*50.0*		*91.4*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.0*		*"*	*50.0*		*108*	*70-130*			
Calibration Check (EH51018-CCV1)				Prepared: 08/10/05 Analyzed: 08/11/05						
Gasoline Range Organics C6-C12	427		mg/kg	500		85.4	80-120			
Diesel Range Organics >C12-C35	447		"	500		89.4	80-120			
Total Hydrocarbon C6-C35	874		"	1000		87.4	80-120			
Surrogate: 1-Chlorooctane	*48.3*		*"*	*50.0*		*96.6*	*0-200*			
Surrogate: 1-Chlorooctadecane	*55.5*		*"*	*50.0*		*111*	*0-200*			
Matrix Spike (EH51018-MS1)		**Source: 5H09008-01**		Prepared & Analyzed: 08/10/05						
Gasoline Range Organics C6-C12	450	10.0	mg/kg dry	518	ND	86.9	75-125			
Diesel Range Organics >C12-C35	452	10.0	"	518	ND	87.3	75-125			
Total Hydrocarbon C6-C35	902	10.0	"	1040	ND	86.7	75-125			
Surrogate: 1-Chlorooctane	*46.0*		*mg/kg*	*50.0*		*92.0*	*70-130*			
Surrogate: 1-Chlorooctadecane	*54.4*		*"*	*50.0*		*109*	*70-130*			
Matrix Spike Dup (EH51018-MSD1)		**Source: 5H09008-01**		Prepared & Analyzed: 08/10/05						
Gasoline Range Organics C6-C12	464	10.0	mg/kg dry	518	ND	89.6	75-125	3.06	20	
Diesel Range Organics >C12-C35	469	10.0	"	518	ND	90.5	75-125	3.69	20	
Total Hydrocarbon C6-C35	933	10.0	"	1040	ND	89.7	75-125	3.38	20	
Surrogate: 1-Chlorooctane	*47.1*		*mg/kg*	*50.0*		*94.2*	*70-130*			
Surrogate: 1-Chlorooctadecane	*56.5*		*"*	*50.0*		*113*	*70-130*			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH51102 - General Preparation (Prep)										
Blank (EH51102-BLK1)				Prepared & Analyzed: 08/11/05						
% Solids	100		%							
Duplicate (EH51102-DUP1)		Source: 5H09008-01		Prepared & Analyzed: 08/11/05						
% Solids	95.5		%		96.5			1.04	20	
Batch EH51714 - Water Extraction										
Blank (EH51714-BLK1)				Prepared & Analyzed: 08/16/05						
Chloride	ND	0.500	mg/kg							
LCS (EH51714-BS1)				Prepared & Analyzed: 08/16/05						
Chloride	11.6		mg/L	10.0		116	80-120			
Calibration Check (EH51714-CCV1)				Prepared & Analyzed: 08/16/05						
Chloride	10.3		mg/L	10.0		103	80-120			
Duplicate (EH51714-DUP1)		Source: 5H09002-01		Prepared & Analyzed: 08/16/05						
Chloride	5040	50.0	mg/kg		5060			0.396	20	

Notes and Definitions

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

Report Approved By: Raland K Tuttle Date: 8-17-05

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer
Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

VACUUM RRR 8-23-05

Project Manager: Roy Rascon
Company Name: Rice Operating Company
Company Address: 122 W Taylor
City/State/Zip: Hobbs, NM 88240
Telephone No: 505-393-9174
Fax No: 505-397-1471
Sampler Signature: Jorge Hernandez

Project Name: ConoCo Phillips Glorieta (Santa Fe)
Project #:
Project Loc:
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For: TCLP: /CL /	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	EC, CEC, SAR, ESP	Major cations/anions, TDS	RUSH TAT (Pre-Schedule)	Standard TAT
61	Bottom Grab Sample @ 12'	8/8/05	2:08	1	X									X		X			X								

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 0.0
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Jorge Hernandez	8/8/05	1245	Roy R. Rascon	8-8-05	1245
Roy R. Rascon	8-9-05	1409 MT	Received by ELOT:	8/9/05	1512

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

Client: Rice, OD.

Date/Time: 8/9/05 15:12

Order #: 5+109012

Initials: CR

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	0.0 C
Shipping container/cooler in good condition?	Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

_____

_____

122 WEST TAYLOR
HOBBS, NEW MEXICO 88240
PHONE: (505) 393-9174 FAX: (505) 397-1471

VOC FIELD TEST REPORT FORM

MINI RAE PLUS CLASSIC PHOTOIONIZATION GAS DETECTOR

MODEL NO: PGM 761S
SERIAL NO: 104412
CALIBRATION GAS
GAS COMPOSITION: ISOBUTYLENE 100 PPM
AIR BALANCE
LOT NO: _____ FILL DATE: _____
EXP. DATE: _____ ACCURACY: _____
METER READING
ACCURACY: _____

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
VAC	Conoco Phillips Glorieta EOL	N	27	17S	35E

Vert. @ Source

SAMPLE	PID RESULT	SAMPLE	PID RESULT
4'	0.6		
5'	1.9		
6'	3.3		
7'	3.0		
8'	7.5		
9'	4.1		
10'	2.6		
11'	2.1		
12'	2.3		

I certify that I have calibrated the above instrument in accordance to the manufacture operation manual.

_____ _____
Signature Date

* Employee Jorge Hernandez no longer employed @ KOC. PID Reading transposed By Environ. Proj. Leader Roy R. Rascon. I certify that the above Readings are Correct & Accurate to the Best of my Knowledge.
Roy R. Rascon 1-11-06

Current Photodocumentation

RICE *Operating Company* (ROC)
112 West Taylor Hobbs, NM 88240
Phone: (575) 393-9174 Fax: (575) 397-1471

Vacuum Conoco Phillips Glorietta (Santa Fe) EOL

UL/N, Section 27, T17S, R35E

Facing west 2/1/2013

Facing west 2/1/2013

Hansen, Edward J., EMNRD

From: Hack Conder <hconder@riceswd.com>
Sent: Thursday, September 12, 2013 11:14 AM
To: Hansen, Edward J., EMNRD
Cc: Laura Pena; Katie Jones
Subject: ROC - Junction Box & Facility Remediation

Mr. Hansen,

This email is in reference to a mutual understanding between Rice Operating Company (ROC) and operators/producers of facilities containing ROC junction boxes. The operator/producer of the facility understands the former junction box area, removed and/or eliminated junction boxes built within the facility area, will be encompassed in the environmental clean-up of the facility, upon abandonment, in order to prevent confusion of remedial actions between sites and to alleviate any safety concerns.

Please let me know if you have any further questions.

Thank you,

Hack Conder