

1R - 428-63

APPROVALS

YEAR(S):

2013

Hansen, Edward J., EMNRD

From: Hansen, Edward J., EMNRD
Sent: Monday, January 28, 2013 9:30 AM
To: Hack Conder (hconder@riceswd.com)
Cc: Leking, Geoffrey R, EMNRD; Laura Pena (lpna@riceswd.com); Katie Jones
<kjones@riceswd.com> (kjones@riceswd.com); Scott Curtis (scurtis@riceswd.com)
Subject: Remediation Plan (1R428-63) Termination - ROC Hobbs F-30 Vent Site

**RE: ICP Report and Termination Request
for the Rice Operating Company's
Hobbs F-30 Vent Site
Unit Letter F, Section 30, T18S, R38E, NMPM, Lea County, New Mexico
Remediation Plan (1R428-63) 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, dated January 21, 2013 (received January 24, 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 (1R428-63) 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

RECEIVED OCD

2013 JAN 24 P 1: 38

RICE *Operating Company*

112 West Taylor • Hobbs, New Mexico 88240

Phone: (575) 393-9174 • Fax: (575) 397-1471

CERTIFIED MAIL

RETURN RECEIPT NO. 7007 2560 0000 4569 8760

January 21, 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: ICP Report and Termination Request

Rice Operating Company – Hobbs SWD System

Hobbs F-30 vent (1R428-63): Unit F, Sec. 30, T18S, R38E

Mr. Hansen:

ROC is the service provider (agent) for the abandoned Hobbs 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.

Background and Previous Work

The Hobbs F-30 vent site is located in Township 18 South, Range 38 East, Section 30, Unit Letter F, in Hobbs, NM (Figure 1). NM OSE records indicate that groundwater will likely be encountered at a depth of approximately 75 +/- feet.

As part of Investigation and Characterization Plan (ICP), submitted to NMOCD on February 18th, 2010 and approved on February 23rd, 2010, RECS personnel were on site to conduct a soil boring on October 28th, 2010 (Figure 2). Samples were collected every five feet and field tested for chloride and hydrocarbon.

Representative samples were sent to a commercial laboratory for field testing confirmation. Laboratory results for the 5 ft bgs sample returned a chloride and Gasoline Range Organics (GRO) value below detectable limit and a Diesel Range Organics (DRO) value of 196 mg/kg. Laboratory results for the 20 ft bgs sample returned a chloride concentration of 16 mg/kg and GRO and DRO concentrations below detectable limit (Appendix A).

Beginning in August 2012, the exposed valves from the junction box were removed from the site and the area was backfilled with 36 yards³ of clean, imported soil. The site was contoured to the surrounding area and seeded with a blend of native vegetation (Appendix B). The area is expected to return to normal vegetative capacity.

The soil bore data shows evidence that neither chlorides nor hydrocarbons from the former junction box will affect groundwater beneath the site. The site has been seeded and vegetation will inhibit the downward migration of constituents to groundwater. Vegetation will act as an evapo-transpiration barrier in that plants capture water through their roots and so reduce the amount of water infiltrating below the root zone. Given the completion of these actions, ROC requests 'remediation termination' or similar closure status of the regulatory file.

ROC appreciates the opportunity to work with you on this project. Please contact me at (575) 393-9174 if you have any questions or wish to discuss the site.

Sincerely,
RICE Operating Company

A handwritten signature in black ink, appearing to read 'H. Conder', with a stylized flourish at the end.

Hack Conder
Environmental Manager

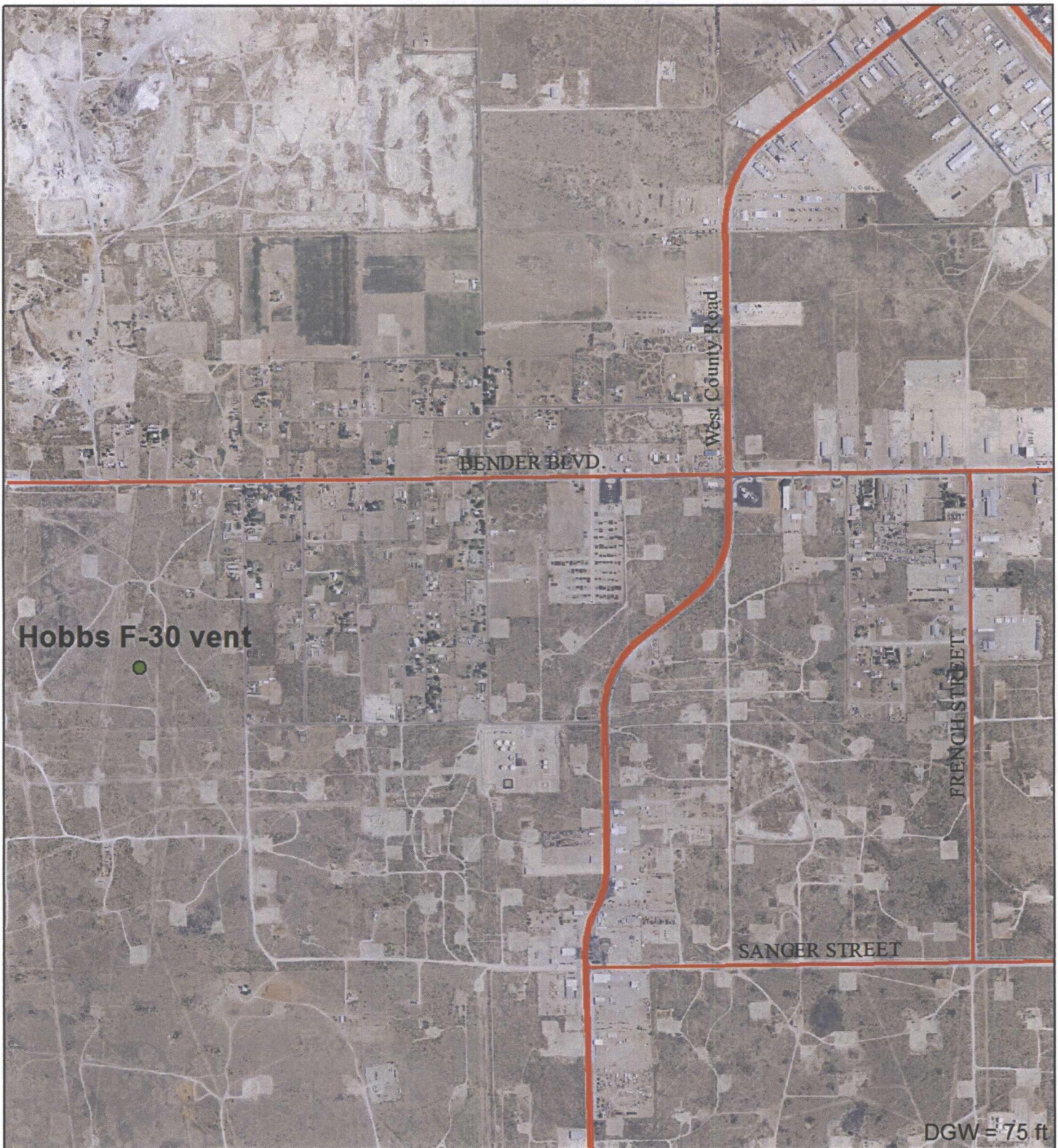
enclosures



Figures

RICE Operating Company (ROC)
112 West Taylor Hobbs, NM 88240
Phone 575.393.9174 Fax 575.397.1471

Site Location

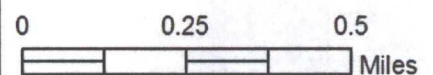


Hobbs F-30 vent

Legals: UL/F sec. 30
T18S R38E

Case #: 1R428-63

Figure 1



Drawing date: 11/19/12
Drafted by: L. Weinheimer

Soil Bore Installation

Abandoned ROC line

former jct. box site

SB-1

SB-1					
Depth	CI-	PID	LAB CI-	GRO	DRO
5	174	0.5	<16	<10	196
10	178	0.1			
15	174	0			
20	177	0	16	<10	<10

DGW = 75 ft

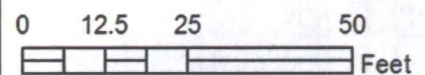


Hobbs F-30 vent

Legals: UL/F sec. 30
T18S R38E

Case #: 1R428-63

Figure 2



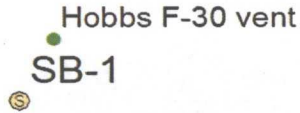

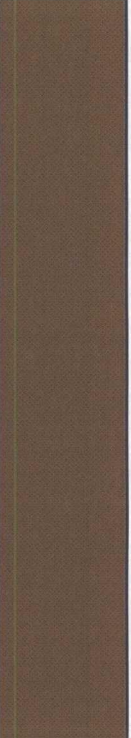
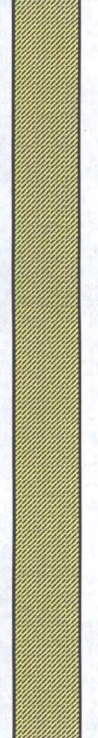
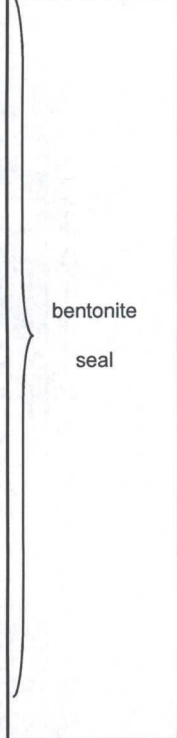
Drawing date: 11-16-10
Drafted by: L. Weinheimer



Appendix A

Soil Bore Installation Data

RICE Operating Company (ROC)
112 West Taylor Hobbs, NM 88240
Phone 575.393.9174 Fax 575.397.1471

Logger:	Jordan Woodfin						
Driller:	Harrison & Cooper, Inc.		Project Name:	Well ID:			
Drilling Method:	Air rotary		Hobbs F-30 vent	SB-1			
Start Date:	10/28/2010		Project Consultant: RECS				
End Date:	10/28/2010	Location: UL/F sec. 30 T18S R38E					
Comments: Located at the source of the former junction box site. DRAFTED BY: L. Weinheimer TD = 20 ft GW = 75 ft			Lat: 32°43'12.819"N County: LEA Long: 103°11'29.919"W State: NM				
Depth (feet)	chloride field tests	LAB	PID	Description	Lithology	Well Construction	
				Brown fine sand with a mix of caliche and sandstone			
5 ft	174	Cl- <16	0.5				
		GRO <10					
		DRO 196					
10 ft	178		0.1				
15 ft	174		0				
20 ft	177	Cl- 16	0				
		GRO <10					
		DRO <10					



November 02, 2010

Hack Conder

Rice Operating Company

112 W. Taylor

Hobbs, NM 88240

RE: HOBBS F-30 VENT

Enclosed are the results of analyses for samples received by the laboratory on 10/28/10 16:52.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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
 Hack Conder
 112 W. Taylor
 Hobbs NM, 88240
 Fax To: (575) 397-1471

 Received: 10/28/2010
 Reported: 11/02/2010
 Project Name: HOBBS F-30 VENT
 Project Number: NONE GIVEN
 Project Location: HOBBS F-30 VENT

 Sampling Date: 10/28/2010
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SB #1 @ 5' (H021179-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/29/2010	ND	464	116	400	3.51	
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/31/2010	ND	178	88.9	200	7.41	
DRO >C10-C28	196	10.0	10/31/2010	ND	178	88.9	200	7.46	

Surrogate: 1-Chlorooctane 101 % 70-130

Surrogate: 1-Chlorooctadecane 102 % 70-130

Sample ID: SB #1 @ 20' (H021179-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/29/2010	ND	464	116	400	3.51	
TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/31/2010	ND	184	92.2	200	3.65	
DRO >C10-C28	<10.0	10.0	10/31/2010	ND	154	77.1	200	4.10	

Surrogate: 1-Chlorooctane 99.4 % 70-130

Surrogate: 1-Chlorooctadecane 98.7 % 70-130

Cardinal Laboratories

*=Accredited Analyte

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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

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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

#26



Appendix B

Backfill and Seeding Documentation

RICE Operating Company (ROC)
112 West Taylor Hobbs, NM 88240
Phone 575.393.9174 Fax 575.397-1471



PO Box 5630
Hobbs, NM 88241
Phone: (575) 393-4411
Fax: (575) 393-0293

REVEGETATION FORM

1. General Information

Site name: Hobbs F-30 Vent						
U/L F	Section 30	Township 18S	Range 38E	County Lea	Latitude 32°43.210'N	Longitude 103°11.481'W
Contact Name: Bruce Baker						
Email: bbaker@rice-ecs.com						
Site size: 4,000 square feet			Map detail of site attached <input type="checkbox"/>			
Additional information:						

2. Soils

**Do not rip caliche subsoils; caliche rocks brought to the surface by ripping shall be removed.*

Salvaged from site <input type="checkbox"/>	Bioremediated <input type="checkbox"/>	Imported <input checked="" type="checkbox"/>	Blended <input type="checkbox"/>	Depth (in): 60 in
Texture: sandy	Describe soil & subsoil: Sandy topsoil with caliche below			
Soil prep methods: Rip <input type="checkbox"/>	Depth(in):	Disc <input checked="" type="checkbox"/>	Depth (in):	Rollerpack <input type="checkbox"/>
Date completed: 9/17/12				

3. Bioremediation

Fertilizer <input type="checkbox"/>	Hay <input type="checkbox"/>	Other <input type="checkbox"/>
Type:	Describe:	
Lbs/acre:		

4. Seeding

**Attach seed bag tags to this form. Seed bag tags shall contain the site name and S-T-R.*

Custom seed mix <input checked="" type="checkbox"/>	Prescribed mix <input type="checkbox"/>	Seed mix name: 5 lbs Lea County Mix 5 lbs Winter Wheat	Seeding date: 9/17/12
Broadcast <input checked="" type="checkbox"/>			
Method: Hand Broadcast			
Soil conditions during seeding: Dry <input checked="" type="checkbox"/> Damp <input type="checkbox"/> Wet <input type="checkbox"/>			
Photos attached <input type="checkbox"/>	Observations: Seed was raked into the soil.		
Number of photos:			

5. Certification

I hereby certify that the information in this form and attachments is true and complete to the best of my knowledge and belief.

Name: Eduardo Garcia	Title: Environmental Tech	Date: 9/17/12
Signature: <i>Eduardo Garcia</i>		

Hobbs F-30 vent (1R428-63)
Unit F, Section 30, T18S, R38E



site prior, facing north
8/2/12



valves removed and pipe capped, facing NW
8/17/2012



importing blow sand, facing west
9/14/12



backfilling the site, facing southwest
9/14/12



seeding the backfilled site, facing west
9/17/12



site complete, facing west
9/17/12