

1R - 426-230

REPORTS

DATE:

1-18-10

BD Jet A-1
2009

1R426-230

RECEIVED

APP - 6 2010

Environmental Bureau
Oil Conservation Division

CLOSURE

RECEIVED

RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT

APP - 6 2010

Environmental Bureau
Oil Conservation Division

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 4'	Width 5'	Depth 6'
Blinebry-Drinkard (BD)	Jct. A-1	A	1	22S	36E	Lea	eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Nymeyer Properties OTHER _____

Depth to Groundwater 137 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 2/26/2009 Date Completed 2/26/2009 OCD Witness no

Soil Excavated 8.0 cubic yards Excavation Length 3 Width 6 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 2/26/2009 Sample Depth 12 ft

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

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 12' GRAB	0.9	<10.0	<10.0	32

Location	Depth	mg/kg
background	6"	120
vertical delineation trench at the junction (source)	7'	780
	8'	930
	9'	300
	10'	150
	11'	150
	12'	120

General Description of Remedial Action: This junction box was eliminated during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 3x6x12-ft-deep excavation. Field data suggests the site is low in chlorides and organic vapors are similar to background concentrations. The deepest sample, 12-ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH which confirmed low concentrations. The excavated soil was returned to the excavation and clean, imported soil was used as a top cap and to contour the site to the surrounding area. On 3/26/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, PID (field) screenings, chloride curve

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

SITE SUPERVISOR Eric Garrison SIGNATURE [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 7-13-09

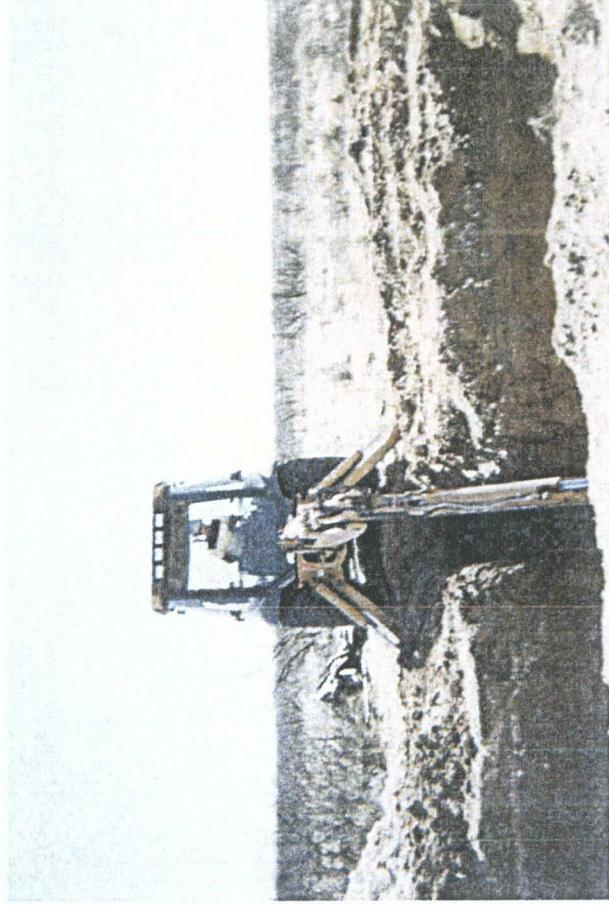
BD Jct. A-1

Unit A, Section 1, T22S, R36E



former junction box, facing northeast

2/26/2009



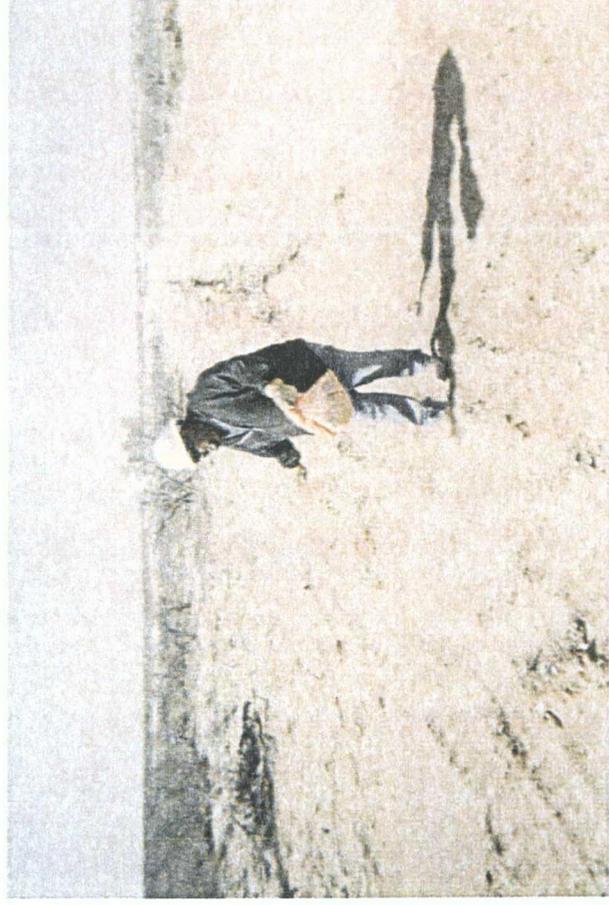
excavating at former junction site, facing east

2/26/2009



collecting a soil sample, facing east

2/26/2009



seeding backfilled site, facing south

3/26/2009



ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: ERIC GARRISON
 122 W. TAYLOR
 HOBBS, NM 88240

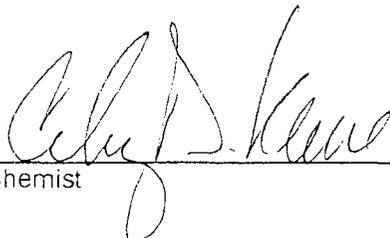
Receiving Date: 02/26/09
 Reporting Date: 03/03/09
 Project Number: NOT GIVEN
 Project Name: BD JCT A-1
 Project Location: BD JCT A-1

Sampling Date: 02/26/09
 Sample Type: SOIL
 Sample Condition: COOL & INTACT
 Sample Received By: ML
 Analyzed By: AB/HM

COPY

LAB NUMBER SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE	03/03/09	03/03/09	02/27/09
H16980-1 SOURCE BTTM GRAB @ 12'	<10.0	<10.0	32
Quality Control	476	546	500
True Value QC	500	500	500
% Recovery	95.2	109	100
Relative Percent Difference	0.6	6.6	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB
 *Analysis performed on a 1:4 w:w aqueous extract.



 Chemist



 Date

H16980 TCL RICE

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 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.



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

BILL TO		ANALYSIS REQUEST	
P.O. #:			
Company:			
Attn:			
Address:			
City:			
State:			
Phone #:			
Fax #:			
Project Name:			
Project Location:			
Site Name:			
Project Owner:			
State:			
Zip:			
Phone #:			
Fax #:			
Matrix:			
PRESERV:			
SAMPLING:			
DATE:			
TIME:			
LAB I.D.:			
Sample I.D.:			
Matrix:			
PRESERV:			
SAMPLING:			
DATE:			
TIME:			
LAB I.D.:			
Sample I.D.:			

COPY

8015 MT PH
CL

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

Sample Received By: Eric Garrison Date: 2-20-09 Received By: Upt J. D. D.

Relinquished by: Eric Garrison Date: 4:34 Received By: _____

Temp: _____ Sample Condition: Cool Intact

Checked By: Upt J. D. D. (Initials)

Sampler - UPS - Bus - Other: _____

REMARKS: Baker@Riceswd.com email
supervisor@Riceswd.com Requests

Phone Result: No Add'l Phone #:
Fax Result: No Add'l Fax #:

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
 PHONE: (575) 393-9174 FAX: (575) 397-1471
 PID METER CALIBRATION & FIELD REPORT FORM

<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 07-3353	EXPIRATION DATE: 04-12-09
FILL DATE: 10-12-07	METER READING ACCURACY: 100%

ACCURACY : +/- 2%

COPY

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	A-1	A	1	225	36E

Initial Source

background

SAMPLE ID	PID	SAMPLE ID	PID
7	6.6	⑩ 6"	4.1
8	2.7		
9	2.2		
10	1.9		
11	1.3		
12	0.9		

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

SIGNATURE: *E. J. [Signature]*

DATE: **2 26-09**

CHLORIDE CONCENTRATION CURVE

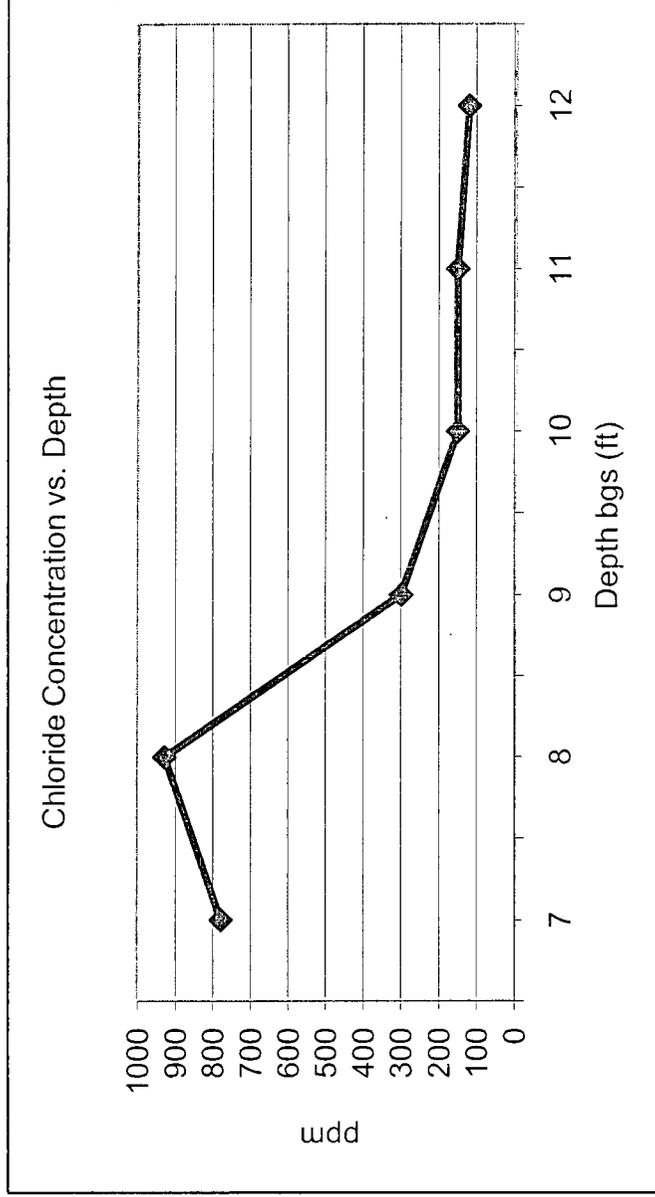
RICE Operating Company

BD Jct. A-1

Unit 'A', Sec. 1, T22S, R36E

Backhoe samples at the junction (source)

Depth bgs (ft)	Cl ppm
7	780
8	930
9	300
10	150
11	150
12	120



Groundwater = 137 ft