## 1R-426-188

## REPORTS

DATE:

12-30-08

#### BD METEX Mattern EOL

1R426-188

RECEIVED

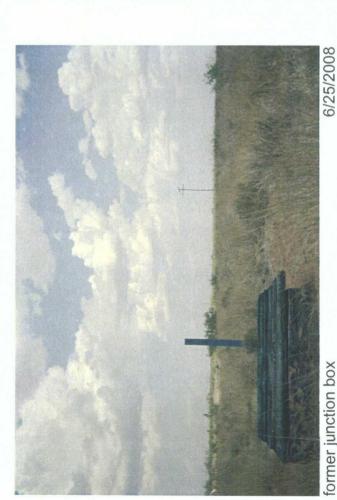
MAR 2.5 2009 Environmental Bureau Oil Conservation Division

### CLOSURE

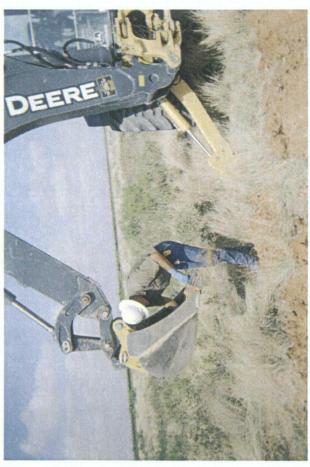
#### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION  SWD SYSTEM   JUNCTION   UNIT   SECTION   TOWNSHIP   RANGE   COUNTY   BOX DIMENSIONS - FEET									
		UNIT	SECTION	TOWNSHIP	RANGE	COUNT	Y BOX D	IMENSIONS - FE Width 4'	ET Depth 3'
<b>,</b>	METEX tern EOL	K	7	22S	37E	Lea		oved 30 ft South	Depuis
(/			<u>L</u>	I	<u> </u>	L			
LAND TYPE: BLM STATE FEE LANDOWNER Colonial Securities Co OTHER									
Depth to Groundwater 126 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0  Date Started 7/1/2008 Date Completed 8/6/2008 OCD Witness no									
Date Started	7/1/200	8	Date Cor	mpleted	8/6/2008	oc	D Witness	no	
Soil Excavated 133.3 cubic yards Excavation Length 15 Width 20 Depth 12 feet									
Soil Disposed 12 cubic yards Offsite Facility Sundance Location Eunice, NM									
7/30/2008, FINAL ANALYTICAL RESULTS: Sample Date 7/31/2008, 8/1/2008 Sample Depth 12 ft									
Procure 5-point composite sample of bottom and 4-point composite sample of sidewalls. TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.									
Sample Location	PID (field) ppm	l	RO g/kg	DRO mg/kg	Chloride mg/kg		LOCATION	DEPTH	mg/kg
4-WALL COMP.	0.2	·	0.0	<10.0	144		4-wall comp.	n/a	256
воттом сомр.	0.1	<1	0.0	<10.0	480		bottom comp.	12'	485
BLENDED BACKFILL	0.2		0.0	<10.0	176	─ <b>│</b>	blended backfill	n/a	392
background 1' 85							85		
General Description of Remedial Action: This junction box was addressed during  1' 111							111		
the pipeline replacement/upgrade program. A new, watertight junction box was built 30 ft									
South of the former. After the former junction box was removed, an investigation was  3' 197									
conducted using a backhoe to collect soil samples at regular intervals producing a 4' 202									
15x20x12-ft-deep excavation. Chloride field tests were performed on each sample, which							+		
yielded generally low concentrations. Organic vapors were measured using a PID, yielding trench at 10 ft 6' 275							<del>                                     </del>		
low concentrations. Representative composite samples were sent to a commercial west of the 7' 232									
laboratory for analysis of chloride and TPH, which confirmed low concentrations. The junction 8' 237						<del>                                     </del>			
(source)									
returned to the excavation to ground surface and contoured to the surrounding area. On 256						· · · · · · · · · · · · · · · · · · ·			
to a productive capacity at a normal rate.  12' 168  enclosures: photos, lab results, PID field screenings, chloride curve									
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 Darnell Mitchell SIGNATURE David Machine COMPANY RICE OPERATING COMPANY									
<del>-</del>	rnell Mitchell	SIG	NATURE <u></u>	james	Mother		COMPANY	RICE OPERATIN	IG COMPANY
REPORT ASSEMBLED BY	Katie Jones		INITIAL	KS					
ASSEMBLED BY Katie Jones INITIAL KS  PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker M. DATE 12-30-08									

# BD METEX Mattern EOL Unit K, Section 7, T22S, R37E

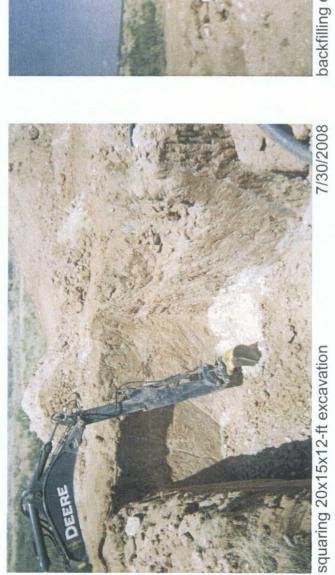


former junction box



collecting soil samples

7/1/2008









Page 2 of 2



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

Receiving Date: 07/30/08 Reporting Date: 08/01/08

Project Number: NOT GIVEN Project Name: NOT GIVEN

True Value QC

Relative Percent Difference

% Recovery

Project Location: B.D. METEX MATTERN EOL

Sampling Date: 07/30/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

500

100

2.0

Sample Received By: ML/

Analyzed By: AB/HM/TR

GRO DRO  $(C_6-C_{10})$  (> $C_{10}-C_{28})$  CI\* (mg/kg) (mg/kg) (mg/kg)

500

102

2.4

500

113

2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl<sup>-</sup>B \*Analysis performed on a 1:4 w:v aqueous extract.

Chemist

08/04/08 Date

#### H15643TCL RICE

ARDINAL LABORATORIES		
101 East Marland, Hobbs, NM 88240		
(575) 393-2326 Fax (575) 393-2476		
Company Name: Ktce Opeliting	BILL TO	(
Project Manager: Darwell Mitchell	P.O. #:	(( ))
Address: 123 W. Tailok	Company: SAME	<del>-</del> ((
City: HOLD IDS State: N.M Zip: 8834()	Attn:	9
Phone #: Fax #:	Address:	) <del>[</del>
Project #: Project Owner:	City:	2)
Project Name:	State: Zip:	
Project Location: B.O Metex Metteld EoL	Phone #:	<u> </u>

ō

REQUEST

ANALYSIS

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 lees. MSIB 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 waved 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 amages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, arithms is a consequential analyses, including vithout limitation, business interruptions, loss of use, or loss of prefix murrored by client, its subsidiaries, arithms is a consequent or or the prefix murror of the performance of services hereunder by Cardinal. 7-30-08 3"JUPA TIME SAMPLING DATE ОТНЕВ PRESERV. ICE / COOF Fax #: ACID/BASE: OTHER SCUDGE MATRIX OIL ROIL **ABTAWETER** # CONTAINERS (G)RAB OR (C)OMP. BUTTOM COMPOSIT TPIER NAME: Downell Mitchell 20 x 15 x 12. Sample I.D. 507 1-54051-1 A LAB USE ONLY Lab I.D.

ainiass of successors may be made for incidental or consequental damages. Sann partormance of services hare.

	ı	
sampier Kelinduisned:	Date: Received By:	Phone Result:
	7-30-08	Fax Result:
	Time: 4.45	
	Salar Salar	
Kelinquished By:	Date: Received By:	1/45/11 ( A Rolling @ 0 %; C. 10 7 1/1/22)
0. / / / / / /	Time:	
ういっている。		
Delivered By: (Circle One)	Temp. Sample Condition CHECKED BY:	
Sampler - UPS - Bus - Other;	TYes TYes TYes	
,	7	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#### RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

CK. MODEL: PGM 7600	SERIAL NO: 110-013744 SERIAL NO: 110-12383
---	---

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353	EXPIRATION DATE: 5-16-08
FILL DATE: 41-16-03	METER READING ACCURACY: 101 PPM

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B. 0	Metch Mattern Eol	K	7	T-228	R-37E
			((		

5 PT BoHom CompoSIT SAMPLE ID		GOPY	
SAMPLE ID *	PID	SAMPLE ID	PID
SPT BOHOM COMPOSITY	0.1		
	1		

I verify that I have calibrated the above insrument in accordance to the namufacture operation manual.

SIGNATUE: Daniel mitchell

DATE: 7-30-08



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

Receiving Date: 07/31/08
Reporting Date: 11/20/08\*
Project Number: NOT GIVE

Project Number: NOT GIVEN Project Name: NOT GIVEN

Project Location: B.D. METEX MATTERN EOL

LAB NUMBER SAMPLE ID

Sampling Date: 07/31/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AB Analyzed By: AB/HM

GRO DRO  $(C_6-C_{10})$  (> $C_{10}-C_{28})$  CI\* (mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE	08/01/08	08/01/08	08/01/08
H15645-1 4 WALL COMPOSITE	<10.0	<10.0	144
15X20X12			
Quality Control	576	508	500
True Value QC	500	500	500
% Recovery	113	102	100
Relative Percent Difference	2.0	2.4	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl<sup>-</sup>: Std. Methods 4500-Cl<sup>-</sup>B \*Analysis performed on a 1:4 w:v aqueous extract.

\*Revised Report.

The Desired Property of the Control of the Control

NOV 242008

HOBBS, NM

Date

H15645TCL RICE



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: DARNELL MITCHELL

122 W. TAYLOR HOBBS, NM 88240

#### EVED

AUG 07 2008
RICE OPERATING
HOBBS, NM

Receiving Date: 07/31/08 Reporting Date: 08/01/08 Project Number: NOT GIVEN

Project Name: NOT GIVEN

Project Location: B.D. METEX MATTERN EOL

LAB NUMBER SAMPLE ID

Sampling Date: 07/31/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AB Analyzed By: AB/HM

GRO	DRO	
(C <sub>6</sub> -C <sub>10</sub> )	(>C <sub>10</sub> -C <sub>28</sub> )	CI*
(mg/kg)	(mg/kg)	CI*

ANALYSIS D	ATE	08/01/08	08/01/08	08/01/08
H15645-1	4 WALL COMPOSITE	<10.0	<10.0	144
	15X20X18			
Quality Contr	ol	576	508	500
True Value Q	С	500	500	500
% Recovery		113	102	100
Relative Pero	ent Difference	2.0	2.4	< 0.1

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

Chemist

Date

H15645TCL RICE

A ARDINAL LABORATORIES

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

-	(575) 393-	476			Pageof	į
Company Name:	TICE COPPLETENCY		BILL TO		ANALYSIS REQUEST	Γ
Project Manage	Project Manager: Daladell Mitchell		P.O. #:			Π
Address: $\beta$	123 W. Tarlor		Company: SAME			
City: HOLO LOS		State: N.M Zip: 8834)	Attn:			
Phone #:	Fax #:		Address:			
Project #:	Project Owner:	ü	City:			
Project Name:			State: Zip:			
Project Location: <b>B</b>	D Meter MAHERN	E0 L	Phone #:			
npler Name:			Fax #:	†1 <sub>d</sub>		
JR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	L		
, c		ЯЭТАМ		7) WS		
		(G)RAB OP GROUNDY WASTEWA SOIL OIL	OTHER: ACID/BASE ICE / COOI DATE	108		
415645-1	5645-1 4wall Composer 15x20X18	7	7	7		Г
						1
						Τ-
						- <u> </u>
PLEASE NOTE: Liability and	PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim artising whether	ny claim arising whether based in contract c	based in contract or tort, shall be limited to the amount paid by the client for the	the	Terms and Conditions: Interest will be changed on all accounts more than	
analyses. All claims includin service. In no event shall Ca affiliates of successors ansin	anayses, when the institute of the performance of t	deemed walved unless made in writing and 9 without limitation, business interruptions, Ic 2 ardinal, regardless of whether such claim is	valved unless made in writing and received by Cardinal within 30 days after completion of the applicable limitation business interruptions, loss of use, or loss of loofs incurred by cliant, its abubdicaines, cigardices of writines cuth claim is based upon any of the above stated casens or otherwise.	ne applicable iles, se.	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.	
Sampler Relingu	uished: Date: Date:	Received By:	Phone Result	sult:		
		AN LY	Fax Result: REMARKS:		No  Add'  Fax #:	
Relinquished By:	.: Date:	Raceived By:		0 11:07		

KESUITS B. Balker @ Rice Swb . COM J DURU'S @ RIE SWD , COM CHECKED BY:
(Initials) Sample Condition
Cool Intact
Cycles Cyres
No No

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

Temp.

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Time:

#### RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

CK.	
MODEL	
NO.	

MODEL: PGM 7600

SERLAL NO: 110-013676

MODEL: PGM 7600

SERIAL NO: 110-013744

MODEL: PGM 7600

SERIAL NO: 110-12383

MODEL: PGM 7600

SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353 EXPIRATION DATE: 5\_16-08'

FILL DATE: 1/-16-07 METER READING ACCURACY: 101 pom

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE	
B.D. Metex Mettern FOL		K	7	T-225	R-37E	

4 wall composit		COPY	
S.AMPLE ID	PID	SAMPLE ID	PID
4 wall composit	0.2		
EAST Wall	0.1		
West Wall	0.4		
NORTH Wall	0,3		
SOUTH Wall	0.1		

I verify that I have calibrated the above insrument in accordance to the namufacture operation manual.

SIGNATUE: Daniel my Lichell

DATE: 7.31-08



ANALYTICAL RESULTS FOR RICE OPERATING COMPANY ATTN: DARNELL MITCHELL

122 W. TAYLOR HOBBS, NM 88240

#### RECEIVED

AUG 0 7 2008 RICE OPERATING HOBBS, NM

Receiving Date: 08/01/08 Reporting Date: 08/05/08 Project Number: NOT GIVEN Project Name: NOT GIVEN

Project Location: B.D. METEX MATTERN EOL

Sampling Date: 08/01/08 Sample Type: SOIL

Sample Condition: INTACT

Sample Received By: M

Analyzed By: AB/HM

	GRO	DRO	
	$(C_6-C_{10})$	(>C <sub>10</sub> -C <sub>28</sub> )	Cl*
LAB NUMBER SAMPLE ID	(mg/kg)	(mg/kg)	(mg/kg)

ANALYSIS DATE		08/02/08	08/02/08	08/04/08	
H15656-1 BLEN	IDED BACKFILL	<10.0	<10.0	176	
15X2	0X12 DEPTH				
Quality Control		503	424	500	
True Value QC		500	500 500		
% Recovery		101	84.8	100	
Relative Percent Diff	erence	2.0	5.8	< 0.1	

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

ab Director

#### H15656TCL RICE

101 East Marland, Hobbs, NM 88240 \* ARDINAL LABORATORIES

(575) 393-2326 Fax (575) 393-2476

₽

REQUEST ANALYSIS 70 WS108 10.30001 TIME SAMPLING DATE 80-1-8 BILL TO SAME Zip: PRESERV. **A**BHTO Company: ICE / COOF Address: Phone #: P.O. #: State: Fax #: ACID/BASE: Attn: City: ОТНЕВ STADGE MATRIX 7IO TIOS State: N.M Zip: 8834) **MASTEWATER** ВЕОИМВМАТЕЯ # CONTAINERS Mater Mattern ED 9MO(3) AO 8AA(9) Project Owner: Blended BACKETIL 115x30x12 Ltce operating Project Manager: Dapolell Witchell Fax #: 197 LOK Ipler Name: Dannel R Mitch ell Sample I.D. Address: 123 W. Project Location: B.D. City: Hab bs Company Name: HISWS0-1 Project Name: A LAB USE ONLY Lab I.D. Project #: Phone #:

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 tees. PLEASE NOTE: List-lify and Damagas, Cardinal's liability and client's jexcusive remady 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, incose for negligance and any other cause whatevers in the applicable service. In no event shall cardinal be liable for incidental or consequental damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, Received By: affiliates or successors arising out of or Sampler Relinquished

KESUITS B. Balker @ Rice Swo . Com J DURU'S @ Rie SWB. COM No Add'I Phone #: No Add'I Fax #: Phone Result: Fax Result: REMARKS: X CHECKED BY: Initials) Sample Condition
Cool Intact
Tyes DYes
No No Temp. Time: 4.45 Date: 1-08 Time: Will Mitches Sampler - UPS - Bus - Other; Relinquished By: Delivered By:

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#### RICE OPERATING COMPANY

122 West Tayor Hobbs, NM 88240 PHONE: (505) 393-9174 FAX: (505) 397-1471 PID METER CALIBRATION & FIELD REPORT FORM

CK.	t l
MODEL	
NO.	
	1/

MODEL: PGM 7600

SERIAL NO: 110-013676

MODEL: PGM 7600

SERIAL NO: 110-013744

MODEL: PGM 7600

SERIAL NO: 110-12383

MODEL: PGM 7600

SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 673353 EXPIRATION DATE: 5-16-09

FILL DATE: 11-16-07 METER READING ACCURACY: 100 Ppm

ACCURACY: +/- 2%

SYS	STEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B.	٥	meter mettern Eoc	K	7	T-228	R.375

Blended BACKFIII					
SAMPLE ID	PID	SAMPLAD	PID		
Blevded BACKETII	0.2				

I verify that I have calibrated the above insrument in accordance to the namufacture operation manual.

SIGNATUE: Donnel Mitchell

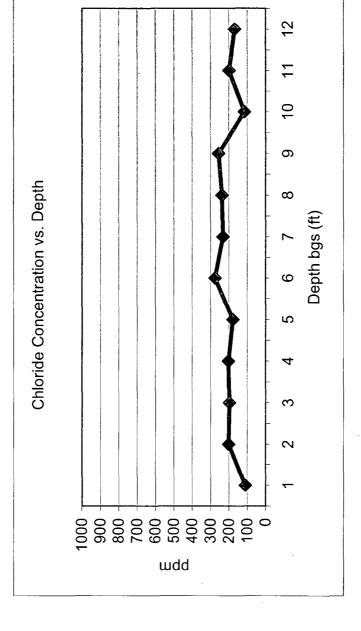
DATE: 8-1-08

## **BD METEX Matern EOL**

Unit 'K', Sec. 7, T22S, R37E

Backhoe samples at 10 ft west of the junction (source)

[GI] pom	201	197	202	178	275	232	237	526	114	199	168
Depth bas (ft)	- 0	3	4	2	9		8	6	10	11	12



Groundwater = 126 ft