### 1R-426-182

#### REPORTS

DATE:

8-22-06

BD Jct H-16

1R426-182

RECEIVED

MAR 2 5 2000 Environmental Burgau Oil Conservation Division

CLOSURE

#### RICE OPERATING COMPANY JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNT			
	Jct. H-16	H	16	21S	37E	Lea		<u> </u>	Depth 4'
(BD)				1	1	1		same location	
LAND TYPE: E	BLM	STATE_X	. FEE LA	NDOWNER			OTHER		
Depth to Grour	ndwater	75	feet	NMOCI	D SITE ASS	ESSME	NT RANKING S	SCORE:	10
Date Started	5/8/2	2008	Date Co	mpleted	5/8/2008	00	DD Witness	no	
Soil Excavated	4	cubic ya	rds Exc	cavation Le	ength5	w	idth3	Depth	7feet
Soil Disposed	0	cubic ya	rds Off	site Facility	<u>n</u>	/a	Location	n/ <u>a</u>	
L ANALYTI	CAL RES	SULTS:	Sample	e Date	5/8/200	8	Sample De	epth	7 ft
	TPH and C		-		-		•	_	ESTS
Sample	PID (fie	ld) GRC	DRC	Chloric	des	ſ	LOCATION	DEPTH	mg/kg
Location	1				g		background	6"	137
JRCE 7' GRAB	0.0	<10.0	0 <10.0	256		Ī	vertical	4'	346
					<del></del>		delineation	5'	365
						1		<u> </u>	206
I Description of	f Remedial	Action:	This junction	was addres	sed under th	ا م	•		232
·			<del></del>			L	(Source)	<u> </u>	
pipeline replacement/upgrade program. A new, watertight junction box was built in place									
									·
					·		nloride and orga	nics. The exca	vated
returned to the	excavation to	ground sur	face and con	toured to the	surrounding	area.			
					er	nclosures:	photos, lab results	, PID screenings	s, chloride curve
I HEREBY	CERTIFY T	HAT THE II				ND COM	PLETE TO TH	E BEST OF M	IY
	Katie Jone	s	., /			RI	CE OPERATING	COMPANY	
<del></del>				•		_		h	
DATE	8-22-	08		TITLE	0		,	NDER	
	Blinebry-Drinkard (BD)  LAND TYPE: E Depth to Grour Date Started Soil Excavated Soil Disposed  L ANALYTI  Sample Location  URCE 7' GRAE  al Description of replacement/up ormer. After the intervals. Chlorid pund sample. Of as sent to a common returned to the interval of	Blinebry-Drinkard (BD)  LAND TYPE: BLM  Depth to Groundwater Date Started 5/8/2  Soil Excavated 4  Soil Disposed 0  LANALYTICAL RES  TPH and C  Sample Location PID (fie ppm  URCE 7' GRAB 0.0  al Description of Remedial A replacement/upgrade progratormer. After the former junction intervals. Chloride field tests bund sample. Organic vapors as sent to a commercial laborate returned to the excavation to a ret	Blinebry-Drinkard (BD)  LAND TYPE: BLM STATE _X  Depth to Groundwater 75  Date Started 5/8/2008  Soil Excavated 4 cubic ya  Soil Disposed 0 cubic ya  L ANALYTICAL RESULTS:  TPH and Chloride labor  Sample Location	Blinebry-Drinkard (BD)  LAND TYPE: BLM STATE X FEE LA  Depth to Groundwater 75 feet  Date Started 5/8/2008 Date Con  Soil Excavated 4 cubic yards Exc  Soil Disposed 0 cubic yards Off  LANALYTICAL RESULTS: Sample  TPH and Chloride laboratory test reprocedures  Sample Location ppm mg/kg mg/kg  URCE 7' GRAB 0.0 <10.0 <10.0  All Description of Remedial Action: This junction is replacement/upgrade program. A new, watertight junction intervals. Chloride field tests were performed on each pound sample. Organic vapors were measured using a lass sent to a commercial laboratory for analysis, which is returned to the excavation to ground surface and con  I HEREBY CERTIFY THAT THE INFORMATIC KNOW.  PERVISOR Larry Bruce Baker Jr.	Blinebry-Drinkard (BD)  LAND TYPE: BLM STATE _X FEE LANDOWNER  Depth to Groundwater 75 feet	Blineby-Drinkard (BD)  Jot. H-16 H 16 21S 37E  LAND TYPE: BLM STATE X FEE LANDOWNER  Depth to Groundwater 75 feet NMOCD SITE ASS  Date Started 5/8/2008 Date Completed 5/8/2008  Soil Excavated 4 cubic yards Excavation Length 5  Soil Disposed 0 cubic yards Offsite Facility n  L ANALYTICAL RESULTS: Sample Date 5/8/200  TPH and Chloride laboratory test results completed by us procedures pursuant to NMOCD grounds and procedures pursuant to NMOCD grounds grounds and procedures pursuant to NMOCD grounds gr	Blinebry-Drinkard (BD)  LAND TYPE: BLMSTATE_XFEE LANDOWNER  Depth to Groundwater75feet	Billinebry-Drinkard (BD)  LAND TYPE: BLM STATE X FEE LANDOWNER OTHER  Depth to Groundwater 75 feet NMOCD SITE ASSESSMENT RANKING S  Date Started 5/8/2008 Date Completed 5/8/2008 OCD Witness  Date Started 4 cubic yards Excavation Length 5 Width 3  Soil Excavated 4 cubic yards Offsite Facility n/a Location  LANALYTICAL RESULTS: Sample Date 5/8/2008 Sample De  TPH and Chloride laboratory test results completed by using an approved lab and procedures pursuant to NMOCD guidelines.  CHLOF  Sample PID (field) GRO DRO Chlorides mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg wg/kg  URCE 7' GRAB 0.0 <10.0 <10.0 256  DECATION DACKground vertical delineation tenha at the junction (source) test placement/upgrade program. A new, watertight junction box was built in place  Demark. After the former junction box was removed, an investigation was conducted using a backhoe to continuous ample. Organic vapors were measured using a PID, which also yielded low concentrations. The disassent to a commercial laboratory for analysis, which confirmed low concentrations of chloride as sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride as sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride as sent to a commercial laboratory for analysis, which confirmed low concentrations of chloride and organic returned to the excavation to ground surface and contoured to the surrounding area.  I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THI KNOWLEDGE AND BELIEF.  EMBLED BY Katle Jones INITIAL COMPANY RICE OPERATING IS CO	Bilinebry-Drinkard (pD)   Jot. H-16   H   16   21S   37E   Lea   Lea

## BD Jct. H-16

Unit H, Section 16, T21S, R37E



former junction box floor







new, watertight junction box

5/29/2008

new, watertight junction box floor

6/11/2008





MAY 15 2008 -

RICE OPERATING HOBBS, NM



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

FAX TO: (575) 397-1471

Receiving Date: 05/08/08 Reporting Date: 05/13/08 Project Owner: NOT GIVEN Project Name: BD JCT H-16 Project Location: BD JCT H-16 Sampling Date: 05/08/08 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: CK Analyzed By: CK/AB/KS

ANALYSIS DATE	05/09/08	05/09/08	05/09/08
H14778-1 SOURCE 7' GRAB	<10.0	<10.0	256
Quality Control	553	470	500
True Value QC	500	500	500
% Recovery	111	94.0	100
Relative Percent Difference	5.5	3.4	<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

# ARDINAL LABORATORIES



101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(325) 673-7001 FAX (325)673-7020 (505) 393-2326 FAX (505) 393-2476

Company Name:	Rice Openating Co	3								BILL TO	70					¥	4ALΥ	SIS	ANALYSIS REQUEST	EST		
Project Manager:							٠.	P.O. #:	ابن							_						
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Ho	Hobbs State:	State: JM Zip:		a) a7	98240	0	7	Attn:														
39	393-9174 Fax#:	397-	.~ .	11/			₹	Address	388:					_						<u>-</u>		
	Project Owner:	Owner:					U	City:										····				
ne:	Project Name: $80$ Jc+ H-16						S	State:		Zip:	<u></u>											
ation	Project Location: $BD \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$						£L.	Phone #:	⊕ #:			,										
Sampler Name:	Bruce Baker						<u>"</u>	Fax #:						W	-							
FOR LAB USE ONLY		_	L	L	Σ	MATRIX		PR	PRESERV		SAMPLING	Ŝ		ی								
Lab I.D.   <i>ի</i> կ/178 –	Sample I.D.	GNACIOL GO BARIE)	(в)кав ок (с)омр. «Соитаменся	вкопирмутек	MASTEWATER SOIL	OIF	SLUBGE	OTHER:	ICE / COOF	: ЯЭНТО	DATE	TIME	-10	108 HdL		· · · · · · · · · · · · · · · · · · ·	·					
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PEASE NOTE: Libitity and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contract or lort, shall be limited to the amount paid by the client for the amplicable analyses. All claims including those for negligence and any other cause whatevers shall be deemed waked 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 consequental damages, including without limitation, business interruptions, loss of profits incurred by client, its subsidiaries

commerce of successors mismig out of of the performance of services hereunder of Cardinal, regardless	ce of services nereutivel by Cardinal, regal dess of whether such daily is based upon any of the above stated reasons of otherwise.	easons of otherwise.
Relinquished By:	Date: 20 Received By:	Phone Result:   Ves   No   Add'l Phone #:
	02-2-8	Fax Result: $\Box$ Yes $\Box$ No Add'l Fax #:
France Bordier	Time:	REMARKS:
Relinquished By:	Date: / Received By: /	FMAIL results to bbaker@ riceswel, com
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Delivered By: (Circle One)	Sample Condition CHECKED BY:	1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
	Cool/ Infact (initials)	
Sampler - UPS - Bus - Other:	Tyes Tyes	
	No No No	

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

#### RICE OPERATING COMPANY

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

	/
CK.	1
MODEL	
NO.	

MODEL: PGM 7600 MODEL: PGM 7600

MODEL: PGM 7600

MODEL: PGM 7600

SERIAL NO: 110-013676

SERIAL NO: 110-013744

SERIAL NO: 110-12383

SERIAL NO: 110-012920



GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

 LOT NO:
 07 - 3353
 EXPIRATION DATE:
 4//2/09

 FILL DATE:
 10//2/07
 METER READING ACCURACY:
 98.9 ppm

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
ВО	H-16	H	16	215	37E

Source

SAMPLE ID	PID	SAMPLE ID	PID
41	0		
5'	0		
6'	0		
7'	0		
	***		
			·

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

SIGNATUE:

Buce Baker

DATE:

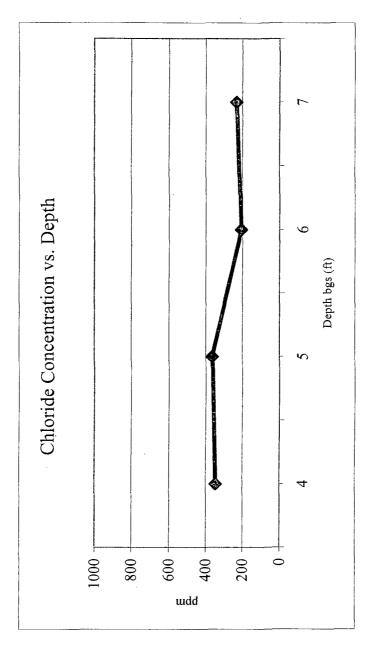
5-8-08

## BD Jct. H-16

Unit 'H', Sec. 16, T21S, R37E

Backhoe samples at junction (source)

	346	365	206	232
Depth bgs (ft)	4	5	9	7



Groundwater = 75 ft