

1R - 426-208

REPORTS

DATE:

1-2-08

BID Vent M-31-1

1R426-208

RECEIVED
MAR 25 1969
Environmental Bureau
Oil Conservation Division

DISCLOSURE

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

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length 5'	Width 4'	Depth 3'
Blinebry-Drinkard (BD)	vent M-31-1	M	31	21S	37E	Lea	eliminated		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER G. P. Sims OTHER _____

Depth to Groundwater 105 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/23/2008 Date Completed 7/18/2008 OCD Witness no

Soil Excavated 333 cubic yards Excavation Length 20 Width 30 Depth 15 feet

Soil Disposed 48 cubic yards Offsite Facility Sundance Location Eunice, NM

FINAL ANALYTICAL RESULTS: Sample Date 7/10/2008, 7/8/2008 Sample Depth 15 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.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
4-WALL COMP.	0.3	<10.0	<10.0	1060
BOTTOM COMP.	0.6	<10.0	<10.0	512
BLENDED BACKFILL	0.8	<10.0	<10.0	544

LOCATION	DEPTH	mg/kg
4-wall comp.	n/a	791
bottom comp.	15'	393
blended backfill	n/a	559
background	1'	115
vertical delineation trench at the junction (source)	4'	293
	5'	291
	6'	416
	7'	489
	8'	1633
	9'	1907
	10'	2135
	11'	2339
	12'	1980
	13'	745
	14'	461
15'	1000	

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 20x30x15-ft-deep excavation. Chloride field tests were performed on each sample, which yielded some elevated concentrations. Organic vapors were measured using a PID, which yielded low concentrations. The deepest sample, 15 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH. The excavated soil was blended on-site with clean, imported soil. The blended backfill was then returned to the excavation to ground surface and contoured to the surrounding area. On 7/22/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate. NMOCD was notified of potential groundwater impact on 12/24/2008.

ADDITIONAL EVALUATION IS LOW PRIORITY

enclosures: photos, lab results, PID field screening

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

SITE SUPERVISOR Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 1-2-08

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

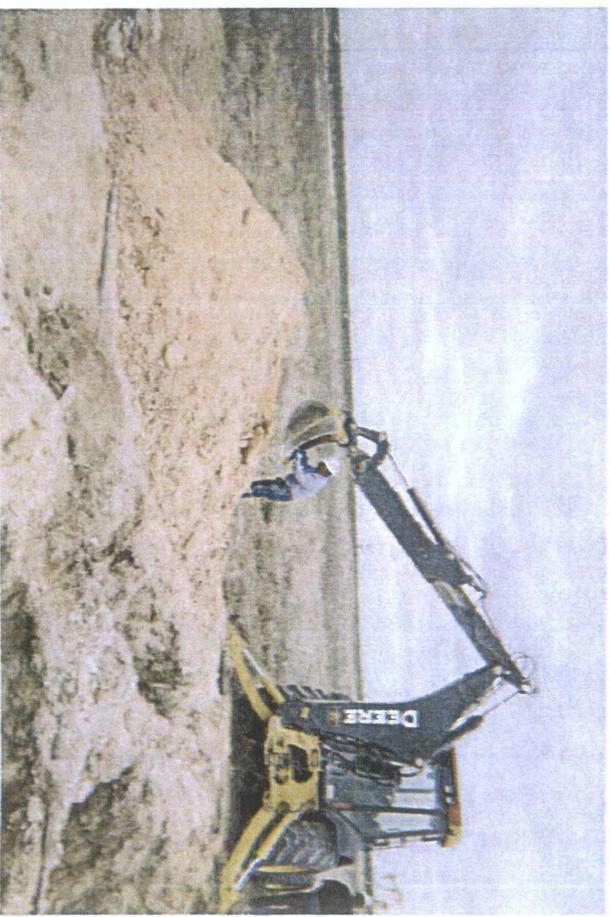
BD vent M-31-1

Unit M, Section 31, T21S, R37E



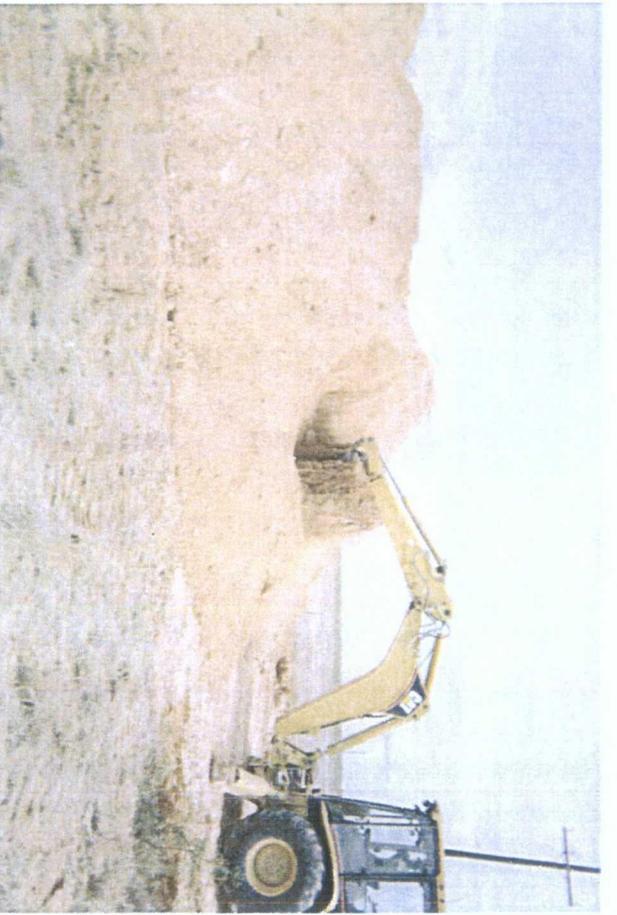
former junction box

6/23/2008



collecting a soil sample

7/7/2008



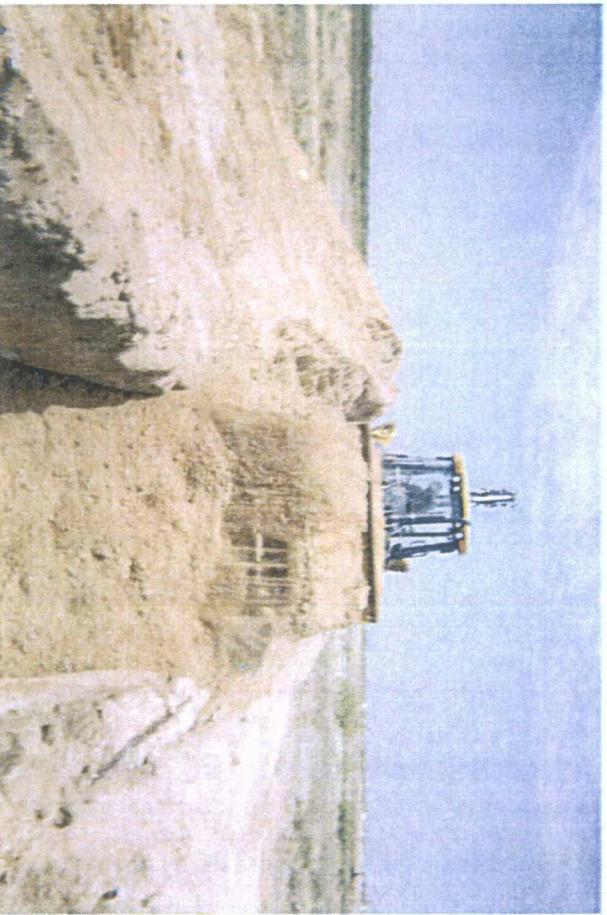
blending excavated soil

7/10/2008



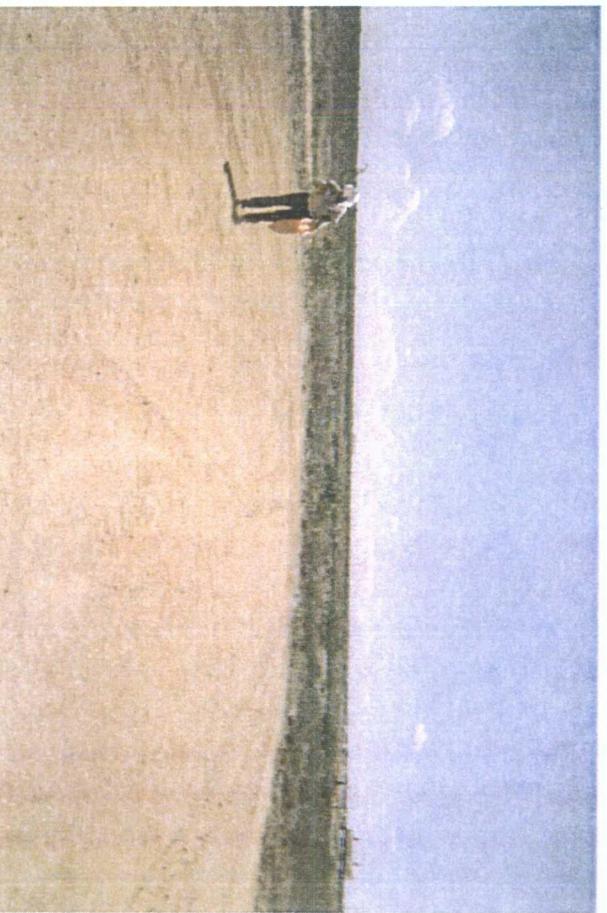
excavation at former junction site

7/17/2008



backfilling excavation

7/18/2008



seeding backfilled site

7/22/2008



ANALYTICAL RESULTS FOR
 RICE OPERATING COMPANY
 ATTN: DARNELL MITCHELL
 122 W. TAYLOR
 HOBBS, NM 88240
 FAX TO: (575) 397-1471

RECEIVED

JUL 14 2008
 RICE OPERATING
 HOBBS, NM

Receiving Date: 07/08/08
 Reporting Date: 07/10/08
 Project Owner: NOT GIVEN
 Project Name: NOT GIVEN
 Project Location: B.D. VENT M-31-1

Sampling Date: 07/08/08
 Sample Type: SOIL
 Sample Condition: INTACT
 Sample Received By: ML
 Analyzed By: CK/KS

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		07/08/08	07/08/08	07/09/08
H15125-1	5 PT BOTTOM COMPOSITE 20X30X15	<10.0	<10.0	512
H15125-2	4 WALL COMPOSITE 20X30X15	<10.0	<10.0	1,060
Quality Control		452	580	490
True Value QC		500	500	500
% Recovery		90.4	116	98.0
Relative Percent Difference		18.4	5.8	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CIB

*Analyses performed on 1:4 w:v aqueous extracts.

Clay D. Keene
 Chemist

07/10/08
 Date

H15125TCL RICE

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

BILL TO				ANALYSIS REQUEST			
Company Name: <u>Kice Operating</u>				P.O. #:			
Project Manager: <u>Darrell Mitchell</u>				Company: <u>SAME</u>			
Address: <u>120 W. Taylor</u>				Attn:			
City: <u>Hobbs</u>				Address:			
State: <u>N.M</u>				City:			
Zip: <u>88240</u>				State:			
Phone #:				Phone #:			
Fax #:				Fax #:			
Project #:				Project Owner:			
Project Name:				Project Location: <u>B.D. West M-31-1</u>			
Sampler Name: <u>Darrell Mitchell</u>				Sampler Name:			
FOR LAB USE ONLY				Matrix			
Lab I.D.		Sample I.D.		PRESERV		SAMPLING	
H 15/25-1		SP1 BOTTOM COMPASIT 20X30X15		ICE / COOL		DATE	
-2		Small COMPASIT 20X30X15		ACID/BASE		TIME	
				OTHER			
				SLUDGE			
				OIL			
				WASTEWATER			
				GROUNDWATER			
				# CONTAINERS			
				(G) RAB OR (C)OMP			
				OTHER			
				DATE			
				TIME			

COPY

8015M
 TPH CL

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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.

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

REMARKS: RESULTS B. Baker @ Rice SW @ COM
 J Puris @ Rice SW @ COM

Received By: Mitch Mitchell
 Date: 7-8-08
 Time: 4:30

Checked By: MM
 Initials: MM

Sample Condition: Intact Yes No

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:

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

RICE OPERATING COMPANY

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

CK.	
MODEL	
NO.	
	✓

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: 110-012920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 073353.	EXPIRATION DATE: 10-4-09
FILL DATE: 10-4-07	METER READING ACCURACY: 100 ppm

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
B.D	Vent M-31-1	M	31	21S	37E

Sample Data

SAMPLE ID	PID	SAMPLE ID	PID
5pt Bottom Comp	0.6		
West wall	0.3		
EAST wall	0.5		
SOUTH wall	0.4		
4 wall COMPOSIT	0.3		

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

SIGNATURE: *Daniel Mitchell*

DATE: 7-8-08



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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RICE OPERATING
HOBBS, NM

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: DARNELL MITCHELL
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 07/10/08
Reporting Date: 07/16/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: B.D. VENT M-31-1

Sampling Date: 07/10/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/KS

COPY

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₂) (mg/kg)	DRO (>C ₁₂ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		07/16/08	07/16/08	07/11/08
H15141-1	BLENDED BACKFILL 20X30X15	<10.0	<10.0	544
Quality Control		541	568	500
True Value QC		500	500	500
% Recovery		108	114	100
Relative Percent Difference		0.3	2.3	2.0

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

Apr S. Moreno
Chemist

07-16-08
Date

H15141TCL Rice

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