

1R - 426-127

REPORTS

DATE:

2006

BD Jet R.30 West

1R-426-127

RECEIVED

APR 19 1980
Environmental Bureau
Oil Conservation Division

Disclosure

RICE OPERATING COMPANY
JUNCTION BOX DISCLOSURE REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
BD	jct. P-30 west	P	30	21S	37E	Lea	no box--jct. eliminated		

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

Depth to Groundwater 99 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 6/30/2006 Date Completed 8/24/2006 NMOCD Witness no

Soil Excavated 400 cubic yards Excavation Length 30 Width 30 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 6/21/2006 Sample Depth 12 ft

5-point composite sample of bottom and 4-point composite sample of excavation sidewalls. TPH and chloride laboratory test results completed by using an approved laboratory and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
4-WALL COMP.	3.2	<10.0	<10.0	832
BOTTOM COMP.	56.9	<10.0	20.9	1360
BACKFILL	45.8	<10.0	473.0	592

LOCATION	DEPTH (ft)	ppm	
delineation trench at junction	4	397	
	5	486	
	6	230	
	7	905	
	8	1587	
	9	2182	
	10	2324	
	11	1619	
	12	2153	
	15 ft WEST of junction	1	197
		2	173
		3	313
4		363	
5		1209	
6		1380	
7		1926	
8		2136	
9		2320	
10		3511	
11		3728	
12		4843	
4-wall comp.	n/a	987	
bottom comp.	12	1881	
backfill comp.	n/a	812	

General Description of Remedial Action:

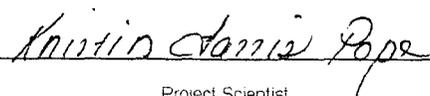
This junction was eliminated with the pipeline replacement/upgrade program. After the box lumber was removed, the location was delineated using a backhoe to collect soil samples at regular intervals producing a 30 x 30 x 12 ft deep excavation. Chloride field tests performed on the samples exhibited concentrations that increased with depth throughout. Organic vapors were measured in the field using a PID and exhibited relatively low concentrations (<100 ppm). The excavated soil was blended on site and the backfilled into the open hole to 6 ft bgs. At 6 ft a 1-ft-thick clay barrier was installed to inhibit further downward migration of remaining chloride. The remaining excavated soil was backfilled on top of the clay to fill the excavation. The disturbed surface was seeded with a blend of native vegetation and is expected to return to productive capacity at a normal rate. An identification plate has been placed on the surface to mark the presence of clay below and the location of the former junction for future environmental consideration. OCD has been notified of potential groundwater impact at this site.

ADDITIONAL EVALUATION IS LOW PRIORITY

enclosures: photos, lab results, PID field screenings, chloride graph, excavation profile

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

SITE SUPERVISOR Noel Carmona SIGNATURE  COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE 

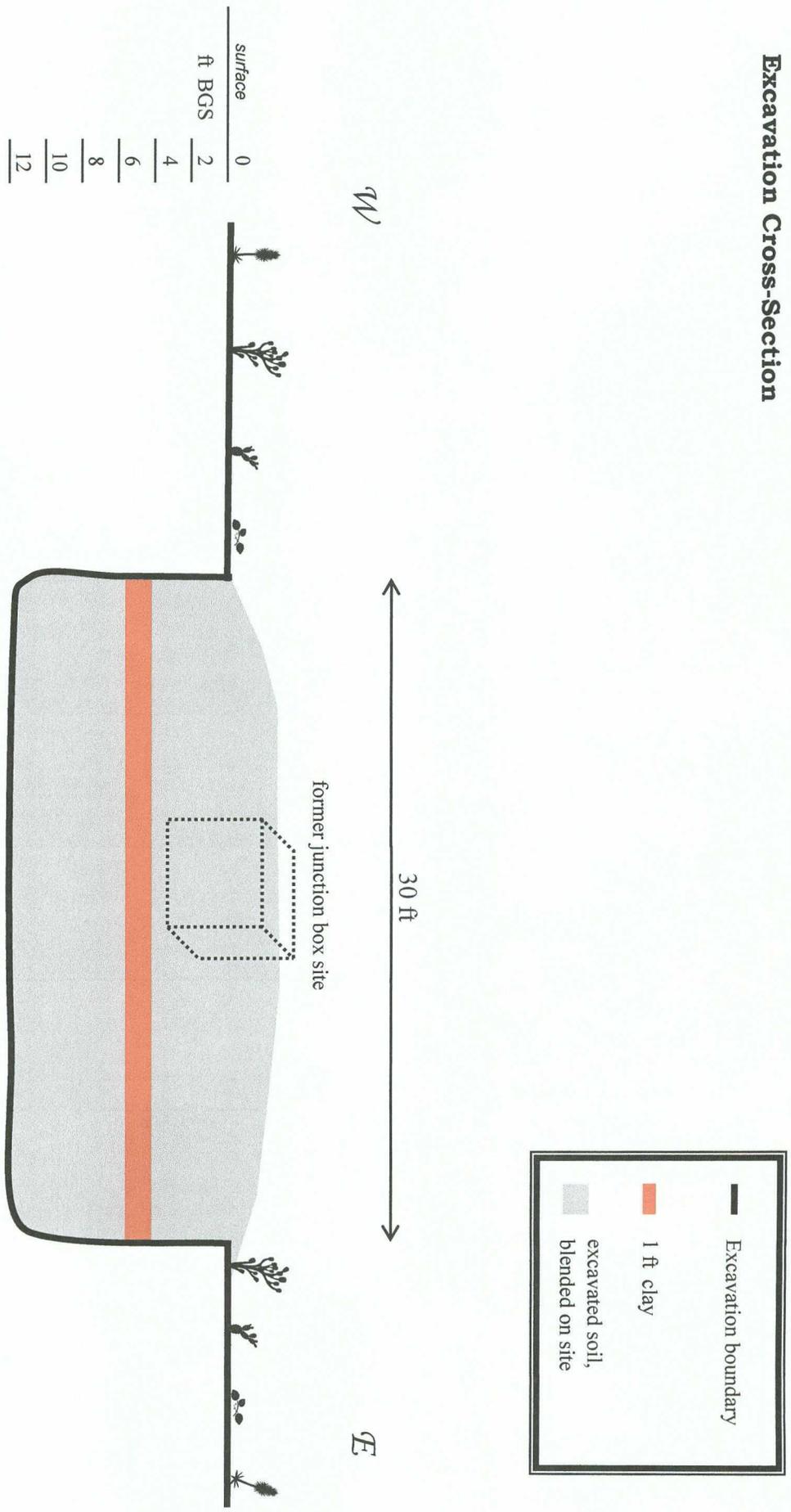
DATE 11/17/2006 TITLE Project Scientist

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

BD jct. P-30 west

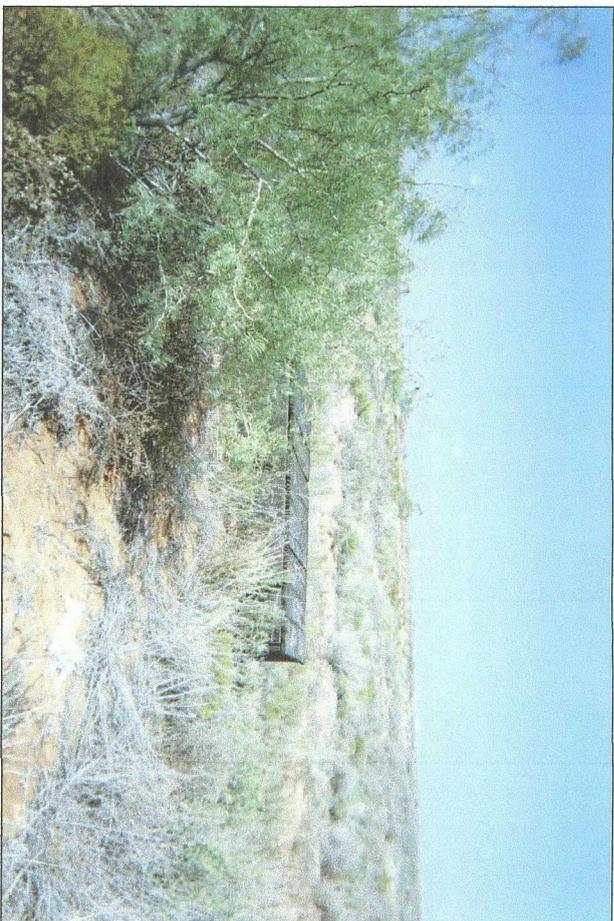
30 x 20 x 12-ft-deep

Excavation Cross-Section



BD jct. P-30 west

Unit 'P', Sec. 30, T21S, R37E



undisturbed junction box

11/10/2003



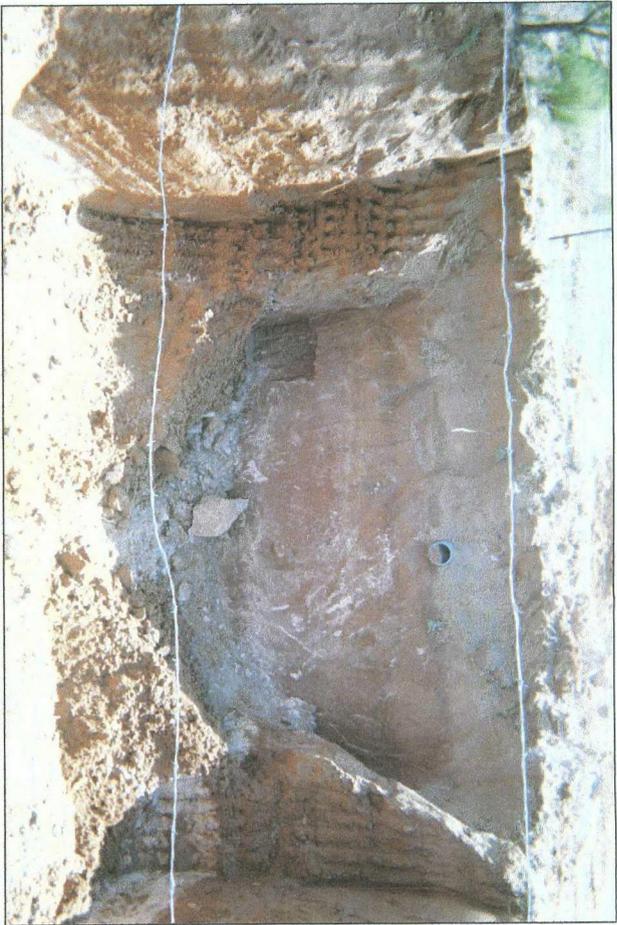
box removed

12/4/2003



beginning delineation

3/24/2006



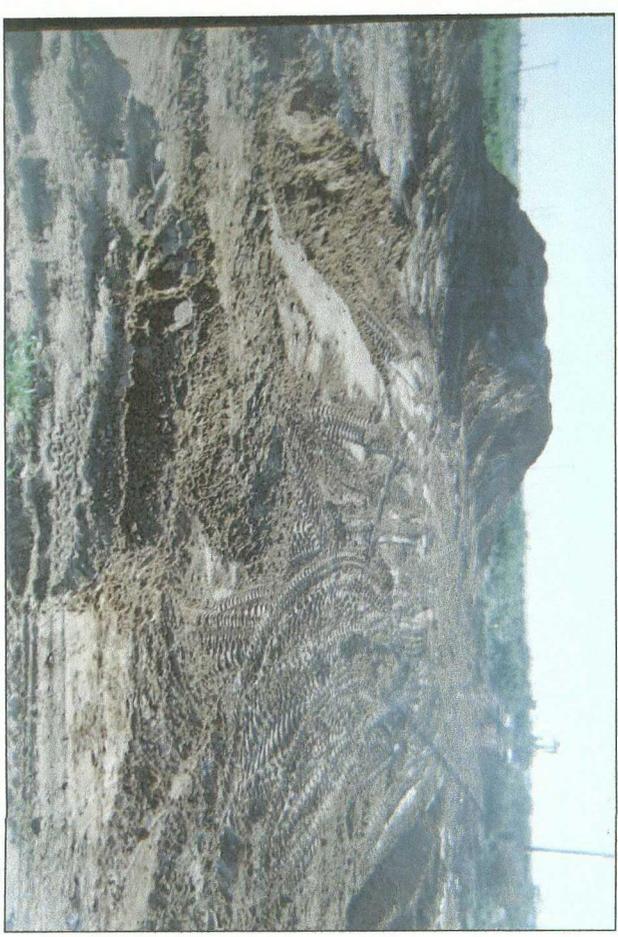
30 x 30 x 12 ft deep excavation 6/14/2006



compacting backfill 8/16/2006



installing clay at 6 ft BGS 8/24/2006



finishing backfill 8/25/2006

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240
Phone: (505) 393-9174 Fax: (505) 397-1471

VOC FIELD TEST REPORT FORM

PID METER READING & CALIBRATION

CK. MODEL: PGM 761S
 MODEL MODEL: PGM 761S
 NO. MODEL: PGM 7600

SERIAL NO: 104412
 SERIAL NO: 104490
 SERIAL NO: 110-12383

LOT NO: 05-2992
 FILL DATE: 11-28-05
 ACCURACY: +/- 2%

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE
 EXP. DATE: 5-28-07
 METER READING ACCURACY: 100.0

SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
B.D.	Jct. P-30 Extra Box	P	30	21	37

SAMPLE	PID Results	Sample	PID Results
5 Comp. W. Wall	35.1	5 Comp. E. Wall	3.6
5 Comp. N. Wall	1.8	5 Comp. S. Wall	5.4
5 pt. BTM. Comp.		4 wall comp. @ 30x30	3.2
1	22.4		
2	14.3		
3	91.7		
4	16.1		
5	13.9		
5 pt. BTM. Comp @ 2	56.9		
Backfill 5pt. Comp.	45.8		

COPY

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

SIGNATURE: *M. [Signature]*

DATE: 6-21-06

ANALYTICAL RESULTS FOR
RICE OPERATING
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

COPY

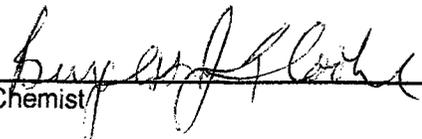
Receiving Date: 06/22/06
Reporting Date: 06/26/06
Project Number: NOT GIVEN
Project Name: BD JCT P-30 EXTRA BOX
Project Location: NOT GIVEN

Sampling Date: 06/21/06
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: HM
Analyzed By: AB/BC

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		06/25/06	06/25/06	06/23/06
H11262-1	BLENDED BACKFILL	<10.0	473	592
H11262-2	5 PT BTTM COMP. @ 12'	<10.0	20.9	1360
H11262-3	4 WALL COMP @ 30'X30'	<10.0	<10.0	832
Quality Control		780	814	980
True Value QC		800	800	1000
% Recovery		97.6	102	98
Relative Percent Difference		5.3	1.8	1.0

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

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


Chemist


Date

H11262



CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

BILL TO

ANALYSIS REQUEST

Company Name: **RICE OPERATING CO.**
Project Manager: **ROY P. REASON**
Address: **1322 W TAYLOR**
City: **Hobbs** State: **NM** Zip: **88240**
Phone #: **393-9174** Fax #: **397-1471**
Project #: **BD JCT P-30 EXTRA BOX**
Project Name: **BD JCT P-30 EXTRA BOX**
Project Location: **NOEL CARMONA**
Sampler Name: **NOEL CARMONA**
FOR LAB USE ONLY

Lab I.D. Sample I.D.
H11262-1 Blended Backfill
-2 SPT BTM COMP @ 12'
-3 4 wall Comp @ 30x30'

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H11262-1	Blended Backfill	G	1									6-21-06	1:10P	✓	
-2	SPT BTM COMP @ 12'	G	1									6-21-06	10:30A	✓	
-3	4 wall Comp @ 30x30'	G	1									6-21-06	9:30A	✓	

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 analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors writing out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above listed reasons or otherwise.

Sampler Relinquished: **NOEL CARMONA** Date: **6-22-06** Time: **10:05**
Received By: **ROY P. REASON**
Relinquished By: **NOEL CARMONA** Date: **06-22-06** Time: **10:05**
Received By: **ROY P. REASON**
Delivered By: (Circle One) **Sampler - JPS - Bus - Other:**
Sample Condition Temp. °C **22** Inseal? **Yes** Checked By: **RC** (Initials)
Phone Result: Yes No
Fax Result: Yes No
REMARKS: **E-mail to Roy @ REASON@REESWD.COM**

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

BD Jct. P-30 (west)

unit 'P', Sec. 30, T21S, R37E

15 ft WEST of junction

Depth bgs (ft)	Cl ppm
1	197
2	173
3	313
4	363
5	1209
6	1380
7	1926
8	2136
9	2320
10	3511
11	3728
12	4843

Groundwater = 99 ft

