

1R - 426-127

**REPORTS**

**DATE:**

2006

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*BD Jet P.30 West*

1R-426-127

RECEIVED

*Aug 19 1997*  
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		
BD	jct. P-30 west	P	30	21S	37E	Lea	Length	Width	Depth
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
15 ft WEST of junction	12	2153
	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 [Signature] COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE [Signature]

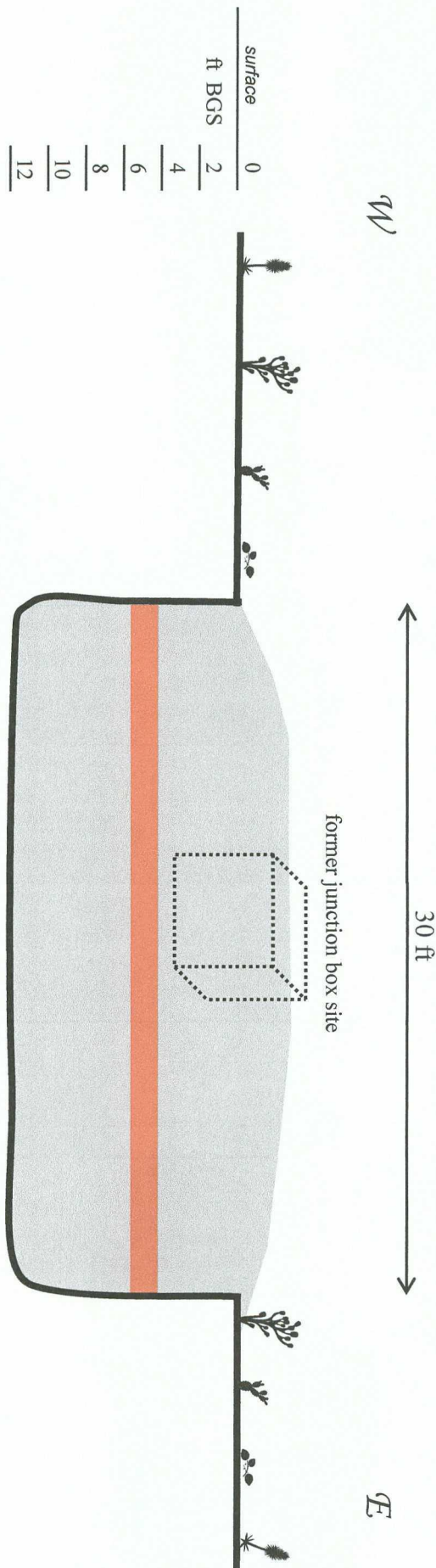
DATE 11/17/2006 TITLE Project Scientist

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

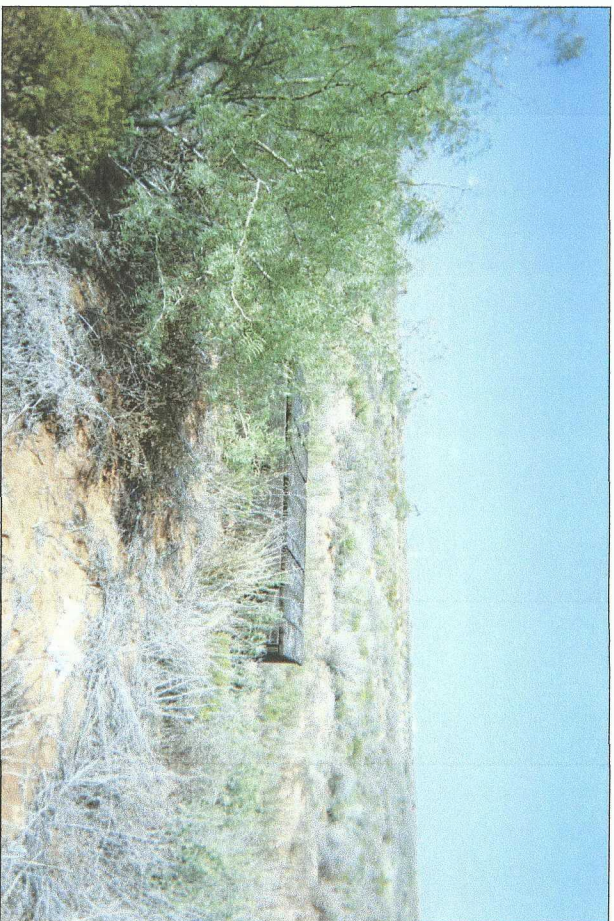
# BD jct. P-30 west

## 30 x 20 x 12-ft-deep

### Excavation Cross-Section







undisturbed junction box

11/10/2003



box removed

12/4/2003

# BD jct. P-30 west

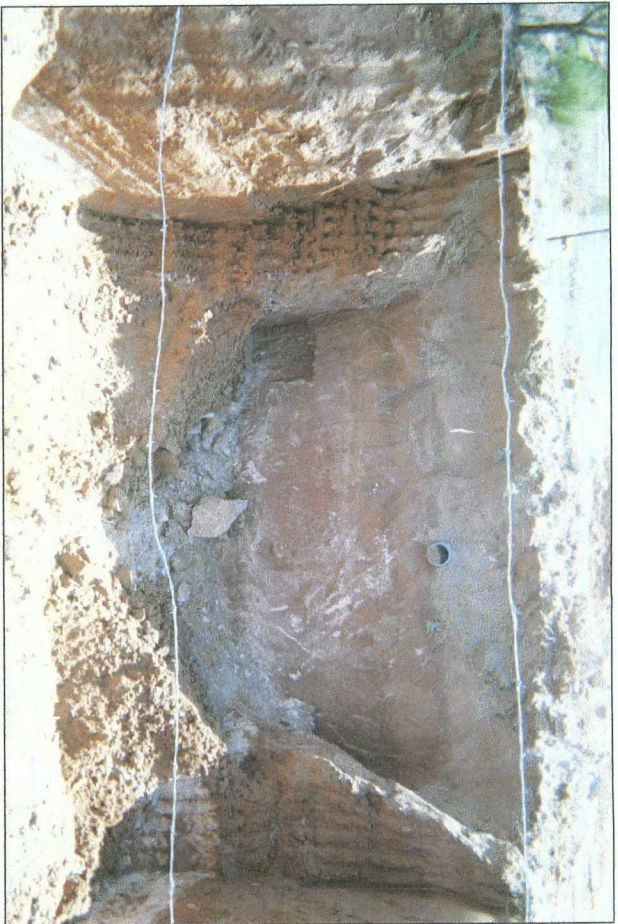
Unit 'P', Sec. 30, T21S, R37E



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  
NO.

☐  
☒  
☐

MODEL: PGM 761S  
MODEL: PGM 761S  
MODEL: PGM 7600

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

LOT NO: 05-2992

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

FILL DATE: 11-28-05

EXP. DATE: 5-28-07

ACCURACY: +/- 2%

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		
<del>5 pt. BTM. Comp. @ 2</del>	<del>56.9</del>		
<del>Backfill 5 pt. Comp.</del>	<del>45.8</del>		

COPY

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

SIGNATURE: M. B. [Signature]

DATE: 6-21-06



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

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 <sub>6</sub> -C <sub>10</sub> ) (mg/Kg)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/Kg)	Cl* (mg/Kg)
		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

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.





**BD jet. 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
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Groundwater = 99 ft

