

1R - 426 233

**REPORTS**

**DATE:**

12-8-09

BD ~~Jet~~ O-23 EOL  
2009

RECEIVED

APR - 6 2010

Environmental Bureau  
Oil Conservation Division

1R426-233

**CLOSURE**

RECEIVED

APP - 6 2010

Environmental Bureau  
Oil Conservation DivisionRICE OPERATING COMPANY  
JUNCTION BOX FINAL REPORT

## BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blaine-Drinkard (BD)	O-23 EOL	O	23	21S	37E	Lea	Length	Width	Depth
							eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Delrose Scott OTHER \_\_\_\_\_

Depth to Groundwater 43 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20

Date Started 10/8/2009 Date Completed 10/8/2009 OCD Witness no

Soil Excavated 2.2 cubic yards Excavation Length 2 Width 5 Depth 6 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 10/8/2009 Sample Depth 6 ft

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	Chloride mg/kg
SOURCE 6' GRAB	1.4	<10.0	<10.0	96

LOCATION	DEPTH	mg/kg
background	6"	150
vertical delineation trench at the junction (source)	2'	120
	3'	120
	4'	150
	5'	180
	6'	149

**General Description of Remedial Action:** This junction was eliminated during the pipeline replacement/upgrade program. After the former junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals creating a 2x5x6-ft deep excavation. Chloride field tests were performed on each sample which yielded low concentrations similar to that of the background sample. Organic vapors were measured using a PID which also yielded low concentrations. The deepest sample, 6 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH which confirmed low concentrations. The excavated soil was returned to the excavation to ground surface and contoured to the surrounding area. On 11/6/2009, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

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 Eric Garrison SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 12-8-09

## BD O-23 EOL

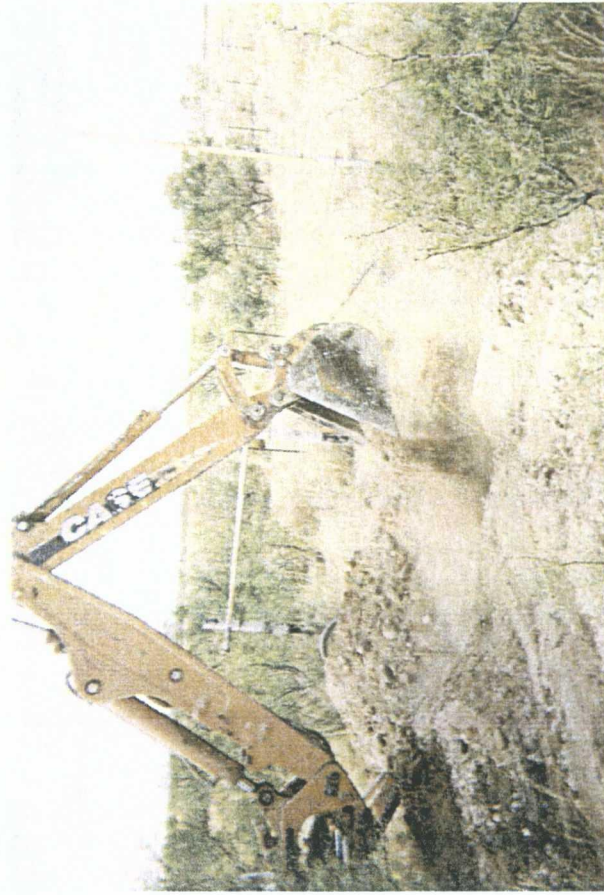
Unit O, Section 23, T21S, R37E



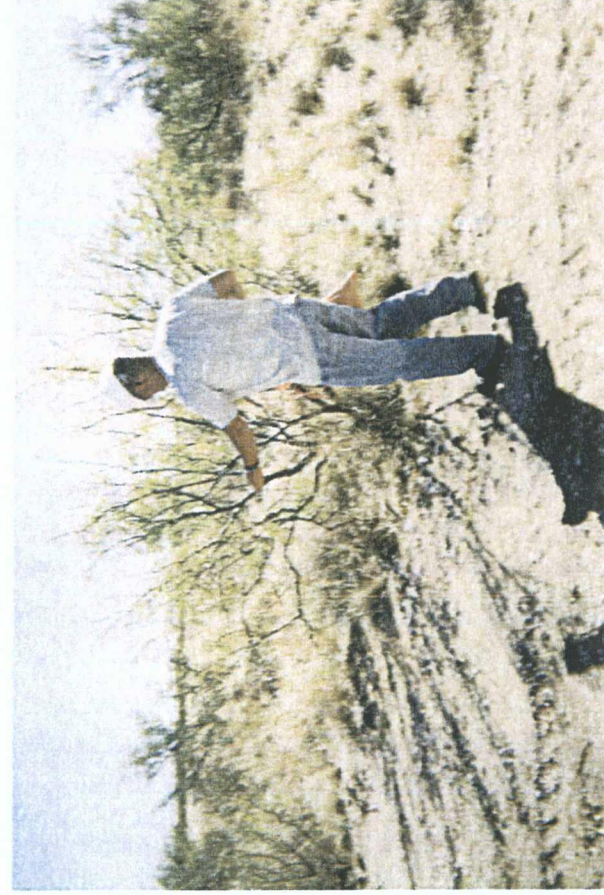
excavating the former junction box site, facing east 10/18/2009



collecting a soil sample, facing source 10/18/2009



backfilling the excavation, facing west 10/18/2009



seeding the backfilled site, facing south 11/6/2009



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

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

COPY

Receiving Date: 10/08/09  
Reporting Date: 10/13/09  
Project Number: NOT GIVEN  
Project Name: BD O-23 EOL  
Project Location: BD O-23 EOL

Sampling Date: 10/08/09  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: ML  
Analyzed By: AB/HM

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)	CI* (mg/kg)
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ANALYSIS DATE	10/12/09	10/12/09	10/09/09
H18448-1 SOURCE BTTM GRAB @ 6'	<10.0	<10.0	96
Quality Control	447	506	500
True Value QC	500	500	500
% Recovery	89.4	101	100
Relative Percent Difference	2.2	1.9	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI\*: Std. Methods 4500-CI'B

\*Analysis performed on a 1:4 w:v aqueous extract.

Reported on wet weight.

Chemist

Date

H18448 TCL RICE

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# RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240  
 PHONE: (575) 393-9174 FAX: (575) 397-1471  
 PID METER CALIBRATION & FIELD REPORT FORM

COPY

Check Model Number:

X

Model: PGM 7300 Serial No: 590-000183  
 Model: PGM 7300 Serial No: 590-000508  
 Model: PGM 7300 Serial No: 590-000504


Model: PGM 7600 Serial No: 110-023920  
 Model: PGM 7600 Serial No: 110-013744  
 Model: PGM 7600 Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 924908	EXPIRATION DATE: 07-29-12
FILL DATE: 07-30-09	METER READING ACCURACY: 100PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	023EOL	C	23	21 S	37E

Source

Background

SAMPLE ID	PID	SAMPLE ID	PID
2	1.7	@6"	0.0
3	3.8		
4	1.6		
5	2.7		
6	1.4		

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

SIGNATURE:

*[Signature]*

DATE:

10-8-09

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD O-23 EOL

Unit 'O', Sec. 23, T21S, R37E

Backhoe samples at the junction (source)

Depth bgs (ft)	[Cl <sup>-</sup> ] ppm
2	120
3	120
4	150
5	180
6	149

Groundwater = 43 ft

