

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 Division

RICE OPERATING COMPANY
 JUNCTION BOX FINAL REPORT

BOX LOCATION

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

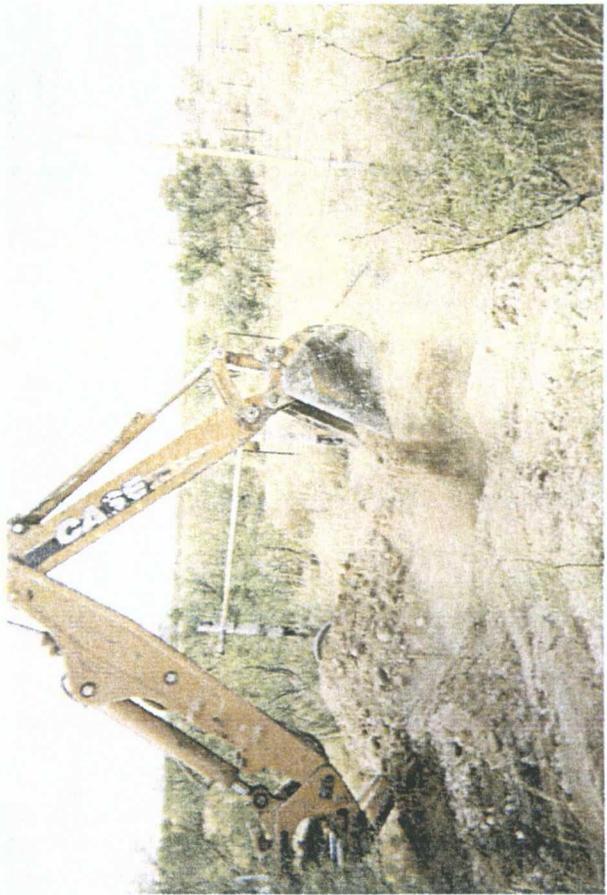
Unit O, Section 23, T21S, R37E



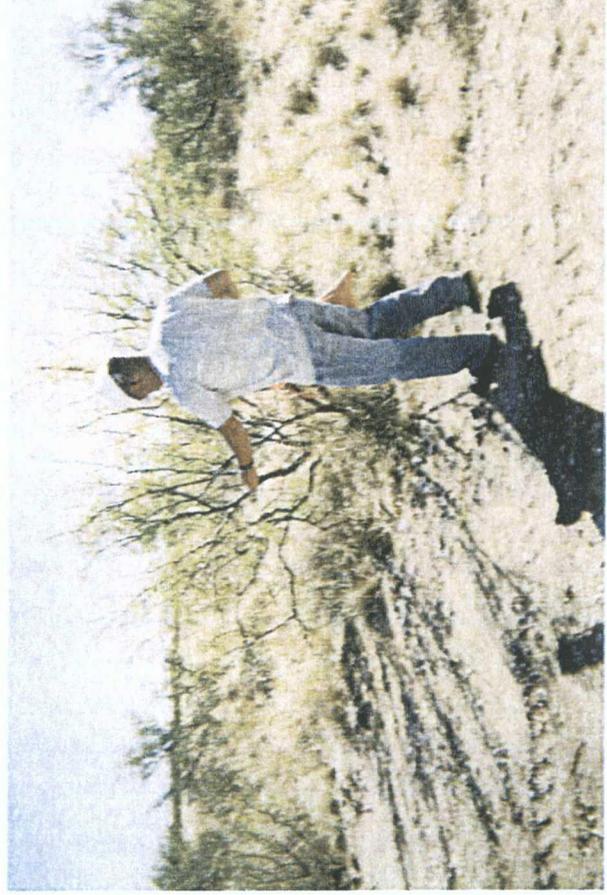
excavating the former junction box site, facing east 10/18/2009



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



CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (575) 393-2336 Fax (575) 393-2476

BILL TO		ANALYSIS REQUEST	
P.O. #:			
Company: SAME			
Attn:			
Address:			
City:			
State:			
Phone #:			
Fax #:			
Project Name: BD 0-23 EOC			
Project Location: BD 0-23 EOC			
Sampler Name: E. Garrison			
Sample I.D.:			
118448-1			
Matrix:			
GROUNDWATER			
WASTEWATER			
SOIL			
SLUDGE			
OTHER			
PRESERV:			
ACID/BASE			
ICE/COOL			
OTHER			
DATE:			
10-2-09			
TIME:			
17:00			
Phone Result:			
Fax Result:			
Adm'l Phone #:			
Adm'l Fax #:			

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 2 1/2% per annum from the original date of billing, and all costs of collection, including attorney's fees.

Phone Result: No Yes
 Fax Result: No Yes
 Adm'l Phone #: _____
 Adm'l Fax #: _____

REMARKS:
RESULTS B. Baker @ Rice Sub COM
E Garrison @ Rice sub COM
J Purvis @ Rice sub COM

Received By: *[Signature]*
 Date: 10-8-09
 Time: 4:41P

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

Temp: _____
 Sample Condition: _____
 Cool Intact: Yes No

Checked By: *[Signature]*
 Initials: **UBB**

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:

<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000183	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-023920
<input checked="" type="checkbox"/>	Model: PGM 7300	Serial No: 590-000508	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013744
<input type="checkbox"/>	Model: PGM 7300	Serial No: 590-000504	<input type="checkbox"/>	Model: PGM 7600	Serial No: 110-013676

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

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

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<u>BD</u>	<u>023EOL</u>	<u>C</u>	<u>23</u>	<u>21 S</u>	<u>37 1/2</u>

Source

Background

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

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

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 ⁻] ppm
2	120
3	120
4	150
5	180
6	149

Groundwater = 43 ft

