

1R - 426-171

**REPORTS**

**DATE:**

4-2-08

BD 'H' Corrigan EOL  
2008

1R426-171

RECEIVED  
MAR 25 2008  
Environmental Bureau  
Oil Conservation Division

CLOSURE

RICE Operating Company

JUNCTION BOX FINAL REPORT

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	NEW BOX DIMENSIONS - FEET		
							Length	Width	Depth
Blinebry Drinkard (BD)	H' Corrigan EOL	B	4	22S	37E	Lea	no box; junction eliminated		

LAND TYPE: BLM \_\_\_\_\_ STATE \_\_\_\_\_ FEE LANDOWNER Priscilla West OTHER \_\_\_\_\_

Depth to Groundwater 95 feet NMOCD SITE ASSESSMENT RANKING SCORE: 20 \*

Date Started 7/30/2007 Date Completed 7/31/2007 NMOCD Witness no

Soil Excavated 0 cubic yards Excavation Length n/a Width n/a Depth n/a feet

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

FINAL ANALYTICAL RESULTS: Sample Date 7/30/2007 Sample Depth 9 ft

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
GRAB @ 9 ft BGS (at junction)	3.8	<25.0	<25.0	96

LOCATION	DEPTH (ft)	ppm
delineation trench at former junction site	5	450
	6	335
	7	315
	8	290
	9	149

General Description of Remedial Action:

This junction was eliminated with the pipeline replacement/upgrade program. After the box was removed, a delineation trench was made using a backhoe to collect soil samples to 9 ft BGS. Chloride field tests were conducted on each sample and exhibited low concentrations that declined with depth, indicative of non-saturated historical vadose conditions. Organic vapors were also measured using a PID and yielded low concentrations as well. The deepest sample (9 ft) was collected for laboratory analysis which confirmed field results. NMOCD TPH guideline concentrations were met as they were not present within the lab's detection limit. The excavated soil from the trench was returned to the hole. Additional clean soil was imported and used to fill the remainder of the excavation. The disturbed surface was seeded with a blend of native vegetation on 7/31/2007 and is expected to return to productive capacity at a normal rate.

\* An water well is located 245 ft south of this site. The well is dry and inactive but appears to have been used for livestock watering with a windmill.

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

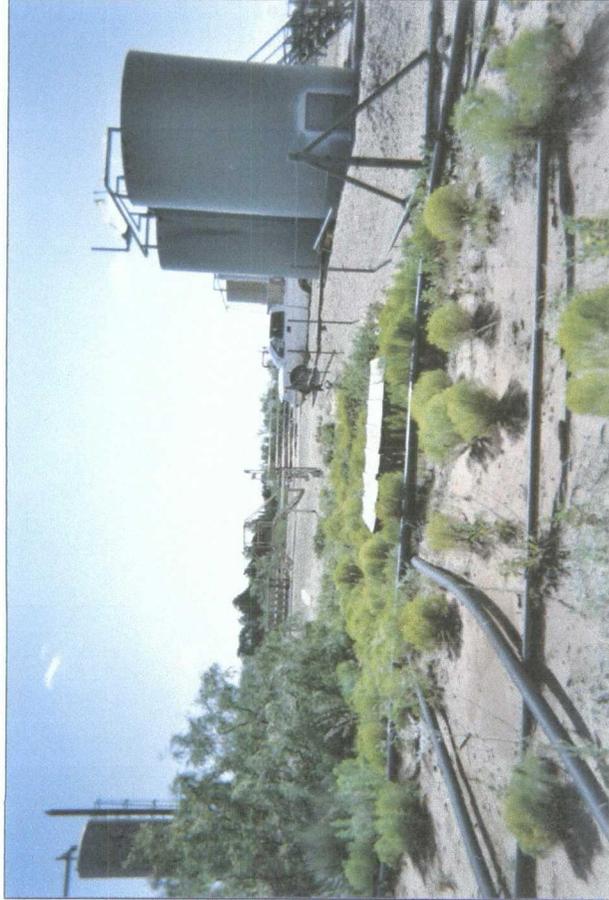
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Roy Rascon SIGNATURE *Roy R. Rascon* COMPANY RICE Operating Company

REPORT ASSEMBLED BY Kristin Farris Pope SIGNATURE *Kristin Farris Pope*  
DATE 4/2/2008 TITLE Project Scientist

# BD 'H' Corrigan EOL

Unit B, Section 4, T22S, R37S



undisturbed junction box

7/18/2007



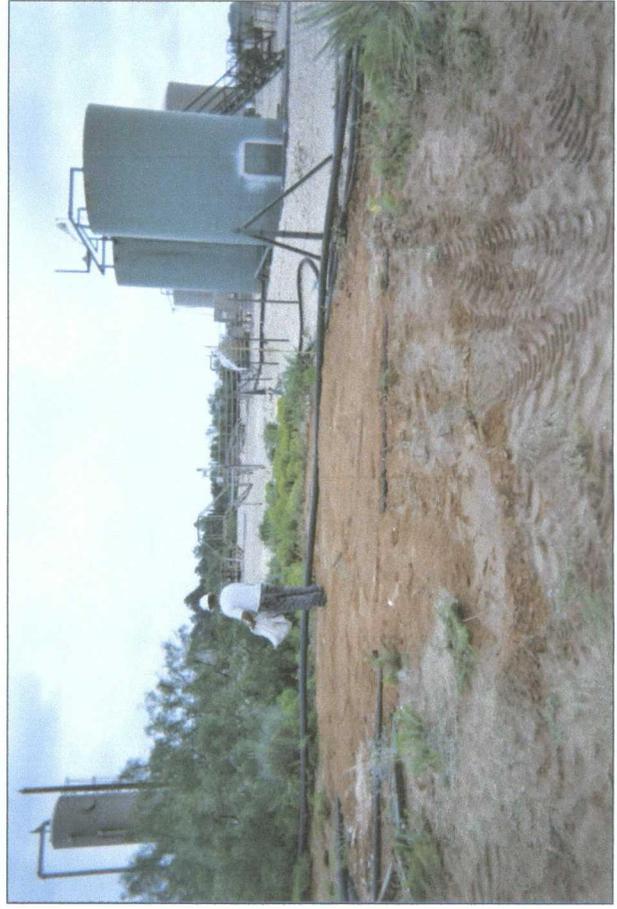
delineation trench at formed junction site

7/30/2007



spreading clean, imported topsoil on site

7/31/2007



seeding backfilled site

7/31/2007



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

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

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

COPY

Receiving Date: 07/30/07  
 Reporting Date: 07/31/07  
 Project Number: NOT GIVEN  
 Project Name: NOT GIVEN  
 Project Location: BD APACHE H. CORRIGAN EOL

Sampling Date: 07/30/07  
 Sample Type: SOIL  
 Sample Condition: COOL & INTACT  
 Sample Received By: HM  
 Analyzed By: LB/KS

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)
ANALYSIS DATE		07/30/07	07/30/07	07/31/07
H13005-1	SOURCE @ 9' BGS	<25.0	<25.00	96
Quality Control		1030	981	500
True Value QC		1000	1000	500
% Recovery		103	98.1	100
Relative Percent Difference		13.0	20.1	<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.

  
 Chemist

8/1/07  
 Date

H13005A RICE

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 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 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.



# RICE OPERATING COMPANY

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

CK.	x	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL		MODEL: PGM 7600	SERIAL NO: 110-013744
NO.		MODEL: PGM 7600	SERIAL NO: 110-12383
		MODEL: PGM 7600	SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 06-3079	EXPIRATION DATE: 12-16-07
FILL DATE: 6-16-06	METER READING ACCURACY: 101.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
<b>BD</b>	<b>APACHE "H" CORRIGAN EOL</b>	<b>B</b>	<b>4</b>	<b>22S</b>	<b>37E</b>

SAMPLE ID	PID	SAMPLE ID	PID
VERT. @ SOURCE @5'BGS	5.5		
6'	5.1		
7'	4		
8'	4.9		
9'	3.8		

COPY

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

SIGNATURE: *Roy R. Rascon*

DATE: 7-30-07

# BD 'H' Corrigan EOL

unit 'B', Sec. 4, T22S, R37E

Backhoe samples at junction (source)

Depth bgs (ft)	Cl <sup>-</sup> ppm
5	450
6	335
7	315
8	290
9	149

Groundwater = 95 ft

