

1R - 426-196

REPORTS

DATE:

1-9-09

BD Markham State 36 EOL

1R426-196

RECEIVED
MAR 25 2009
Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
Blinebry-Drinkard (BD)	Markham State 36 EOL	I	36	21S	36E	Lea	Length 5'	Width 6'	Depth 5'
							same location		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER _____ City of Eunice _____ OTHER _____

Depth to Groundwater 134 feet NMOCD SITE ASSESSMENT RANKING SCORE: 0

Date Started 9/3/2008 Date Completed 9/5/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 3 Width 5 Depth 12 feet

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

FINAL ANALYTICAL RESULTS: Sample Date 9/4/2008 Sample Depth 12 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 12' GRAB	0.9	<10.0	<10.0	32

General Description of Remedial Action: This junction was addressed during the pipeline replacement/upgrade program. After the former junction box was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 3x5x12-ft-deep excavation. Chloride field tests were performed on each sample which yielded low concentrations similar to that of the background. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, confirming low concentrations. The excavated soil was returned to the excavation and a new, watertight junction box was built in place of the former.

LOCATION	DEPTH	mg/kg
background	6"	144
vertical delineation trench at the junction (source)	4'	427
	5'	414
	6'	413
	7'	313
	8'	420
	9'	431
	10'	282
	11'	214
	12'	148

enclosures: photos, lab results, PID field screening, 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 [Signature] COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE [Signature] DATE 1-9-09

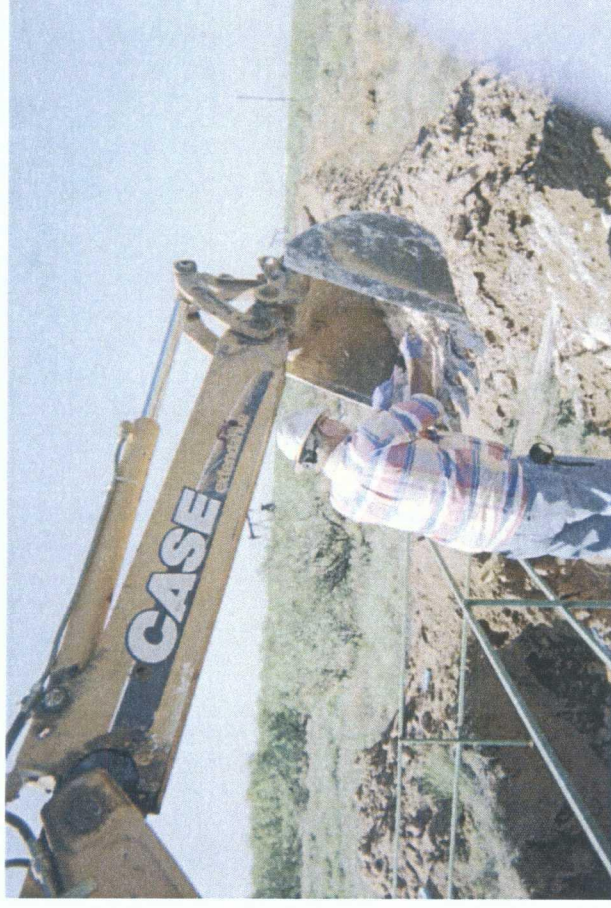
BD Markham State 36 EOL

Unit I, Section 36, T21S, R36E



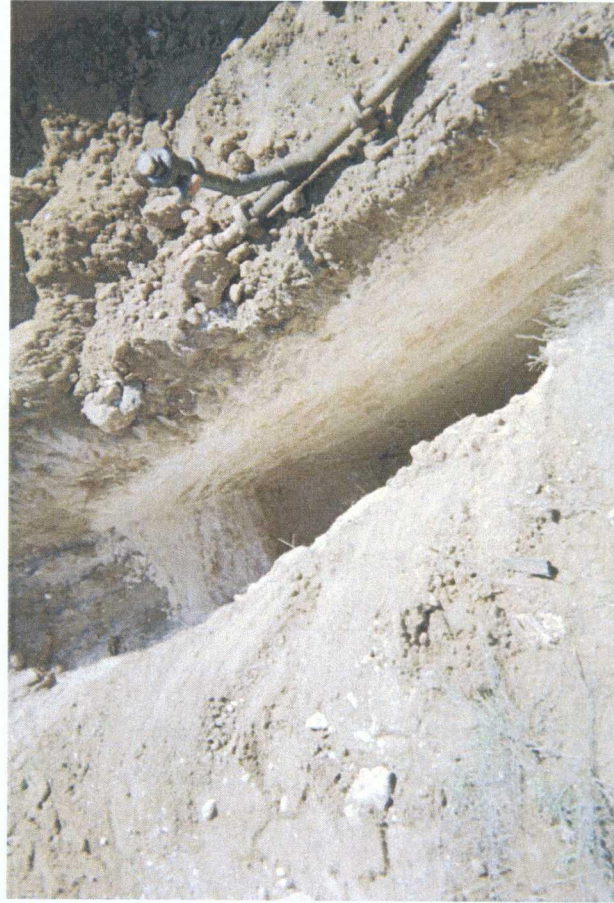
former junction box

9/3/2008



collecting a soil sample

9/4/2008



final 3x5x12-ft-deep excavation

9/5/2008



new, watertight junction box

11/4/2008



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

Receiving Date: 09/04/08
Reporting Date: 12/23/08*
Project Number: NOT GIVEN
Project Name: BD MARKHAM ST 36
Project Location: BD MARKHAM ST 36

Sampling Date: 09/04/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: CK
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
ANALYSIS DATE		09/05/08	09/05/08	09/05/08
H15869-1	12' GRAB INITIAL SOURCE	<10.0	<10.0	32
Quality Control		528	573	500
True Value QC		500	500	500
% Recovery		106	115	100
Relative Percent Difference		2.2	7.3	< 0.1

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

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

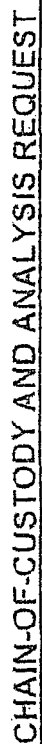
*Revised Report.


Chemist


Date

H15869TCL RICE

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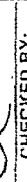



ARDINAL LABORATORIES

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

[illegible]

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Requisitioned By: 		Received By: 		Checked By: 	
Date: 9/4/08		Date: 9/4/08		Checked By: (Initials)	
Time: 17:05		Time: 17:05		Sample Condition:	
Delivered By: (Circle One)		Sample Condition:		(Initials)	
Sample - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Remarks:		Remarks:		Remarks:	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Add'l Phone #:		Add'l Phone #:		Add'l Phone #:	
Add'l Fax #:		Add'l Fax #:		Add'l Fax #:	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013676
MODEL	<input checked="" type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-013744
NO.	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-12383
	<input type="checkbox"/>	MODEL: PGM 7600	SERIAL NO: 110-023920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-3425	EXPIRATION DATE: 2-29-09
FILL DATE: 2-29-08	METER READING ACCURACY: 101PPM

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	Mar Khan 5T 36E	I	36	21S	36E

Initial source

SAMPLE ID	PID	SAMPLE ID	PID
4'	3.8		
5'	1.0		
6'	.9		
7'	1.1		
8'	1.7		

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

SIGNATURE: *Erica*

DATE: 9-3-08

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

CK.	<input type="checkbox"/>
MODEL	<input checked="" type="checkbox"/>
NO.	<input type="checkbox"/>

MODEL: PGM 7300

SERIAL NO: 590-000183

MODEL: PGM 7600

SERIAL NO: 110-013744

MODEL: PGM 7600

SERIAL NO: 110-12383

MODEL: PGM 7600

SERIAL NO: 110-023920

COPY

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO: 08-3425	EXPIRATION DATE: 08-29-09
FILL DATE: 02-29-08	METER READING ACCURACY: 99.8

ACCURACY: +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
BD	MARK HOBBS ST 36 EOL	T	36	215	36 E

Initial Source

SAMPLE ID	PID	SAMPLE ID	PID
9'	34.1		
10'	2.0		
11'	1.1		
12'	0.9		

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

SIGNATURE:

Eric Garrison

DATE:

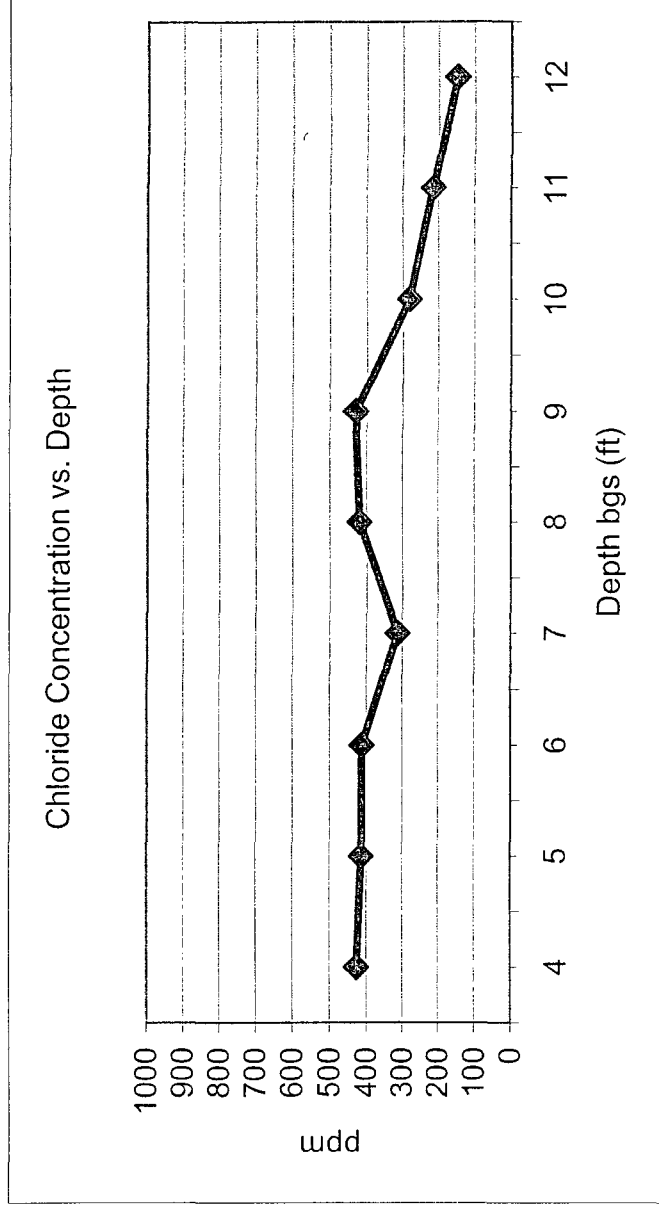
9-4-08

BD Markham State 36 EOL

Unit 'I', Sec. 36, T21S, R36E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl] ppm
4	427
5	414
6	413
7	313
8	420
9	431
10	282
11	214
12	148



Groundwater = 134 ft