

1R - 426-177

REPORTS

DATE:

7-10-08

BD Arch Petroleum Strichter EOL

1R426-177

RECEIVED
MAR 25 2003
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)	Arch Petroleum Stichter EOL	N	4	22S	37E	Lea	Length	Width	Depth
							moved 30 ft. north		

LAND TYPE: BLM _____ STATE _____ FEE LANDOWNER Francis Corrine Fristoe OTHER _____

Depth to Groundwater 85 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 7/16/2007 Date Completed 9/21/2007 OCD Witness no

Soil Excavated n/a 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 7/16/2007 Sample Depth 6 ft.

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chloride mg/kg
SOURCE 6' GRAB	0.0	<10.0	<10.0	<16

General Description of Remedial Action: This junction was moved 30 feet north as part of the pipeline replacement/upgrade program. The former box was removed and an investigation was conducted using a hand auger at the source. A field chloride test performed on each sample yielded low concentrations similar to that of the background levels. Organic vapors were measured using a PID, which also yielded low concentrations. A commercial laboratory analysis confirmed the samples were low in chloride and organics. On 9/21/2007 the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

CHLORIDE FIELD TESTS

LOCATION	DEPTH	mg/kg
background	1'	179
hand auger below junction (source)	3'	118
	4'	181
	5'	233
	6'	145

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 Darnell Mitchell SIGNATURE Darnell Mitchell COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 7-10-08

BD Arch Petroleum Stitcher FOL

Unit N, Section 4, T22S, R37E



undisturbed junction box

2/23/2004



raking in seed at former junction site

9/21/2007



seeding at former junction site

9/21/2007



new, water tight junction box

12/20/2007

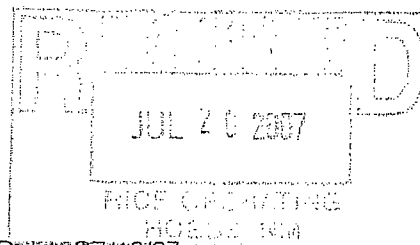


PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

COPY

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



Receiving Date: 07/17/07
Reporting Date: 07/18/07
Project Number: NOT GIVEN
Project Name: NOT GIVEN
Project Location: BD ARCH PETROLEUM STITCHER

Sampling Date: 07/16/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/Kg)	(>C ₁₀ -C ₂₈) (mg/Kg)	(mg/Kg)
ANALYSIS DATE		07/18/07	07/18/07	07/17/07
H12912-1	BGS GRAB @ 6'	<10.0	<10.0	<16
Quality Control		748	735	480
True Value QC		800	800	500
% Recovery		91.9	93.4	96.0
Relative Percent Difference		1.4	2.4	6.2

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

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

Chemist

Date

H12912 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 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.

YEDOU

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (325) 673-7020 Fax (325) 673-7001 Fax (325) 393-2326 Fax (505) 393-2476

[illegible]

(Original cannot accept verbal changes. Please fax written changes to (325) 673-7020.

122 West Taylor Hobbs, NM 88240
Phone: (505) 393-9174 Fax: (505) 397-1471

PID METER READING & CALIBRATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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MODEL: PGM 761S
MODEL: PGM 761S
MODEL: PGM 7600
MODEL: PGM 7600

SERIAL NO: 104412
SERIAL NO: 104490
SERIAL NO: 110-12383
SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

EXP. DATE: 12-16-07

METER READING ACCURACY: 100.

COPY

SYSTEM	FUNCTION	UNIT	SECTION	TOWNSHIP	RANGE
BD	ARCH Petroleum STILLER FOL	N	4	22-S	37E

[illegible]

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

SIGNATURE: Donnell Williams

DATE: 7-16-03

CHLORIDE CONCENTRATION CURVE

RICE Operating Company

BD Arch Petroleum Stitcher EOL

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

Hand auger samples at junction (source)

Depth bgs (ft)	[Cl] ppm
3	118
4	181
5	233
6	145

Groundwater = 85 ft

