District I
P.O. Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505
OPERATOR'S MONTHLY REPORT

Form C-141
Originated 2/13/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name	Contact
Rice Operating Company	Chris Rodriguez
Address 122 West Taylor Hobbs, NM 88240	**Telephone No.** 505-393-9174
Facility Name EME SWD System	**Facility Type** Junction Box

Surface Owner	Mineral Owner	Lease No.
State		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South line	Feet from the	East/West Line	County
F	36	19S	36E					LEA

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Produced Water	Unknown	100 bbls
Source of Release 3" Tee	**Date and Hour of Occurrence** 8-8-02 12:15 pm	**Date and Hour of Discovery** 8-8-02 12:15 pm
Was Immediate Notice Given? ☒ Yes ☐ No	**If YES, To Whom?** Larry Johnson NMOCD Ext. 111	
By Whom? Chris Rodriguez	**Date and Hour** 8-12-02 3:30 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.**	

If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necessary)

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary).
Line inside of the junction box pressured up causing a tee at the junction box to fail.
84 yards of high impacted soil was hauled off to a permitted disposal facility.

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary)
7,100 square feet was impacted by the event.
An unknown amount of barrels were released.
100 bbls were recovered and hauled to an EME SWD disposal facility.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and /or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and /or regulations.

Signature: Chris Rodriguez Printed Name: Chris Rodriguez	OIL CONSERVATION DIVISION Approved by District Supervisor: Chris Williams	
Title: Environmental Technician	Approval Date: 9/14/07	Expiration Date: 9/14/07
Date: August 13, 2002 505 393-9174	Conditions of Approval:	Attached ☐

RP#1564

District I
P.O. Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos, Aztec, NM 87410
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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505
OPERATOR'S MONTHLY REPORT

Form C-141
Originated 2/13/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR ☐ Initial Report ☒ Final Report

Name	Contact
Rice Operating Company	Kristin Farris Pope
Address: 122 West Taylor Hobbs, NM 88240	Telephone No.: 505-393-9174
Facility Name: Eunice-Monument-Eumont (EME) SWD System	Facility Type: SWD Disposal Line

Surface Owner	Mineral Owner	Lease No.
DLD Land Corporation		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South line	Feet from the	East/West Line	County
M	36	19S	36E					LEA

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Produced Water	Unknown	100 bbls
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery**
3-inch 'T' in pipeline	8/8/2002 12:15 pm	8/8/2002 12:15 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?** Larry Johnson NMOCD-Hobbs	
By Whom? Chris Rodriguez	**Date and Hour** 8/12/2002 3:30 pm	
Was a Watercourse Reached? ☐ Yes ☒ No	**If YES, Volume Impacting the Watercourse.** n/a	

If a Watercourse was Impacted, Describe Fully. (Attach Additional Sheets If Necessary)

n/a

Describe Cause of Problem and Remedial Action Taken. (Attach Additional Sheets If Necessary)

The pipeline inside the junction box pressured up causing failure of the 3-inch 'T' in the pipeline. 84 cubic yards of high-impact soils near the surface were removed and disposed of at a permitted facility.

Describe Area Affected and Cleanup Action Taken. (Attach Additional Sheets If Necessary)

Approximately 7,100 sq. ft. Implemented soil flushing procedure by applying gypsum and flushing the soil with fresh water over a period of approx. 18 months. When chloride concentrations in the root zone were at levels that would sustain native vegetation, the site was seeded and fertilized. ROC will continue to monitor growth at this site.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and /or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and /or regulations.

Signature: Kristin Farris Pope	OIL CONSERVATION DIVISION	
Printed Name: Kristin Farris Pope	Approved by District Supervisor: Chris Williams	
Title: Project Scientist	Approval Date: 9/14/07	Expiration Date: 9/14/07
Date: 9-22-04 Phone: 505-393-9174	Conditions of Approval:	Attached ☐

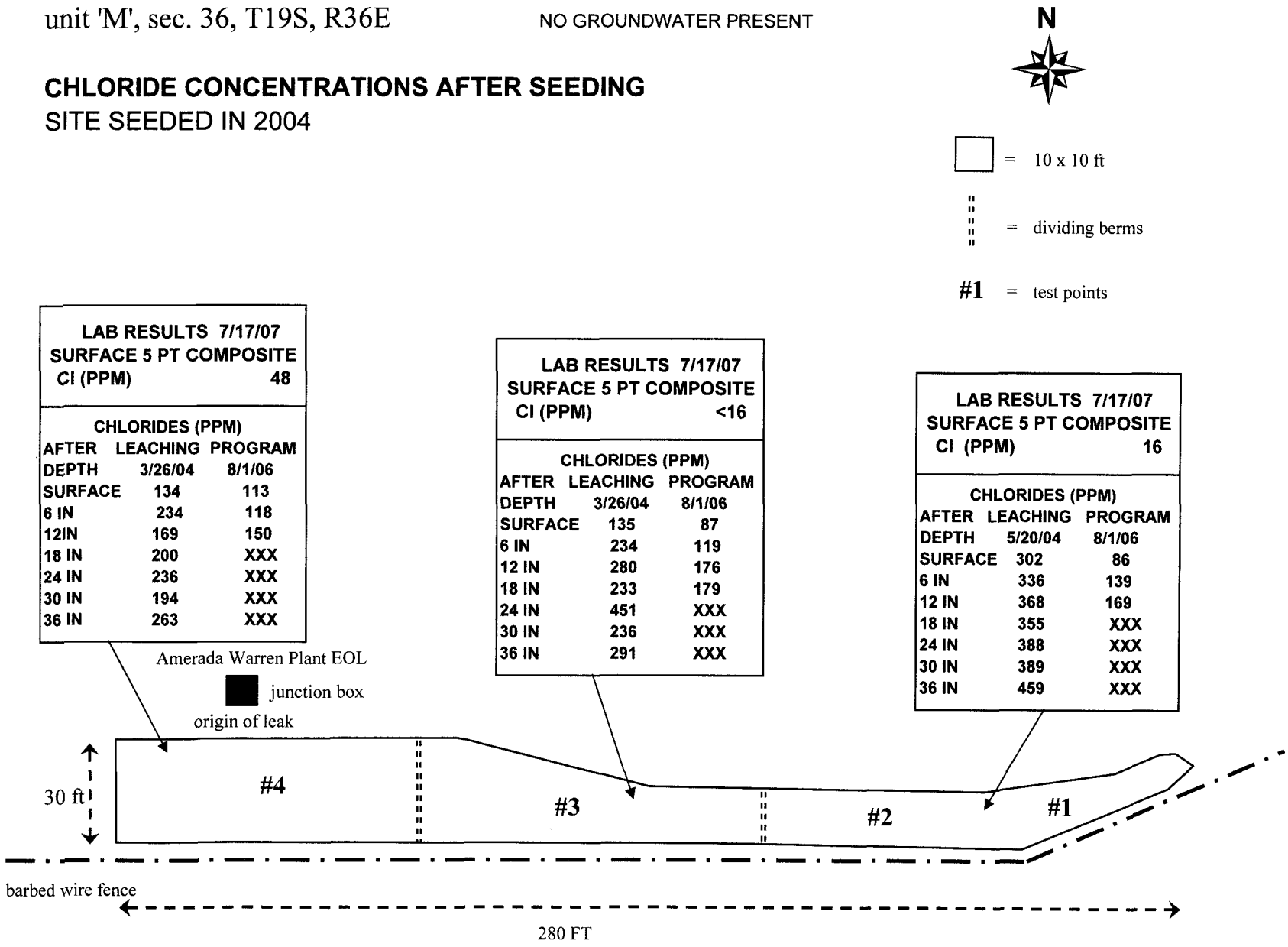
EME State 'F' EOL Leach/Leak Site

unit 'M', sec. 36, T19S, R36E

NO GROUNDWATER PRESENT

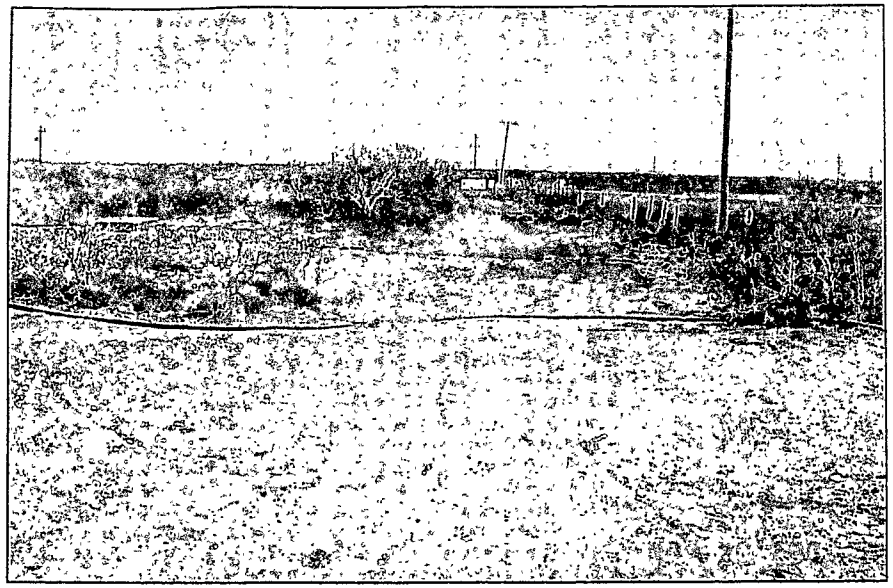
CHLORIDE CONCENTRATIONS AFTER SEEDING

SITE SEEDED IN 2004

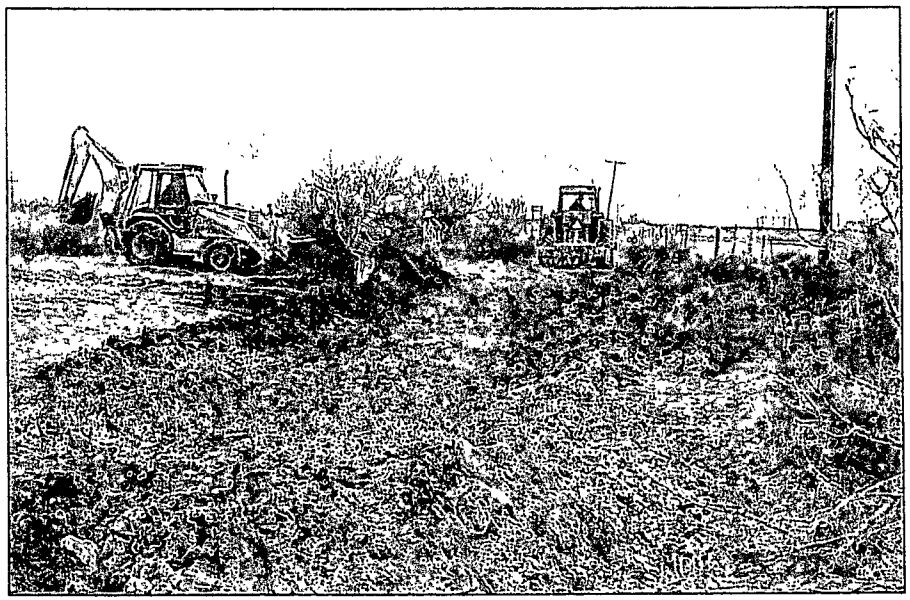


EME State 'F' Leach/Leak site

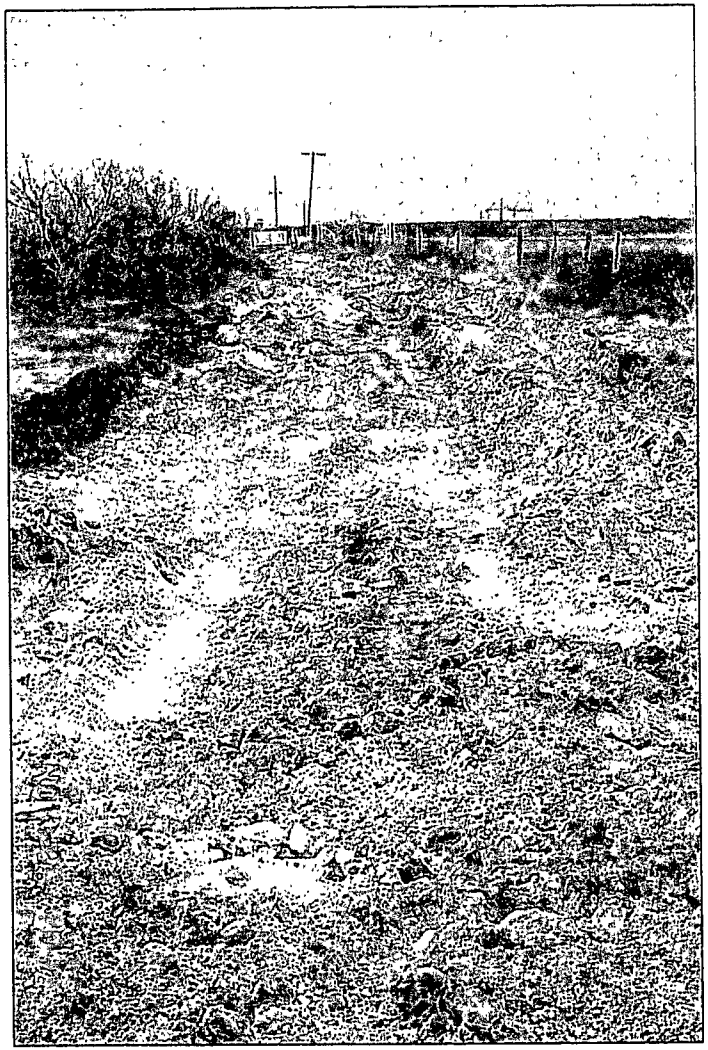
unit 'M', sec. 36, T19S, R36E



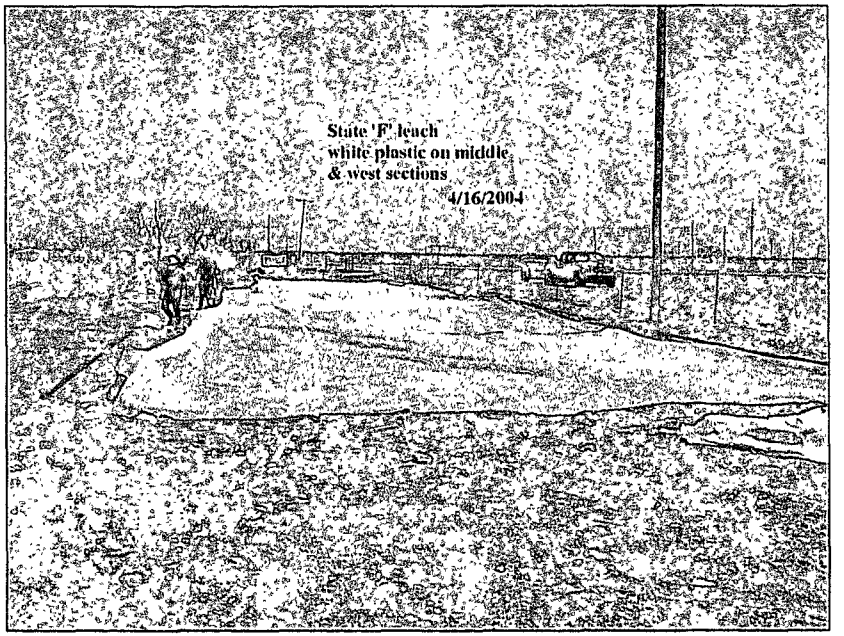
before amendments; after 4 inches of surface removed 11/20/2002



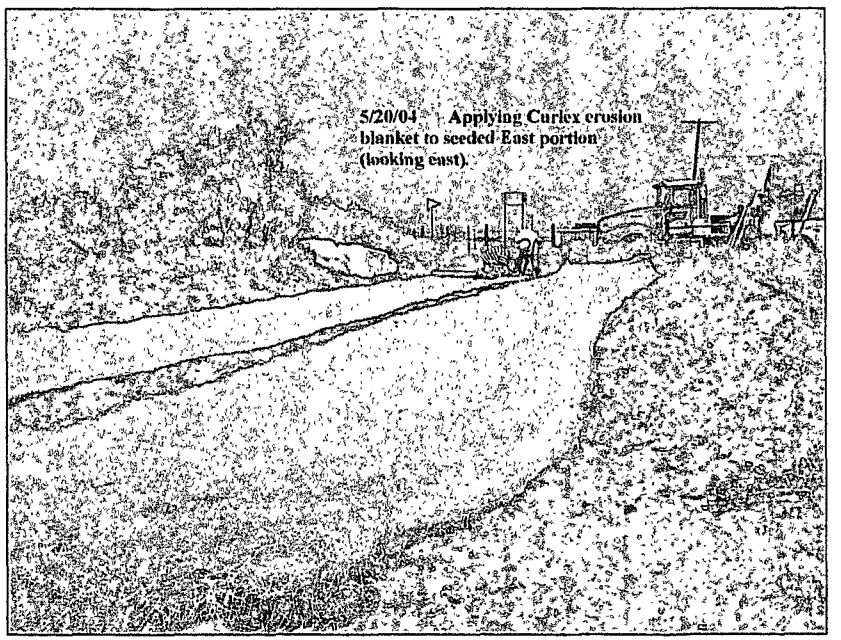
tilling hay & gypsum; building berms & dividing site 11/25/2002



1,500 lbs. gypsum applied (looking east) 11/25/2002

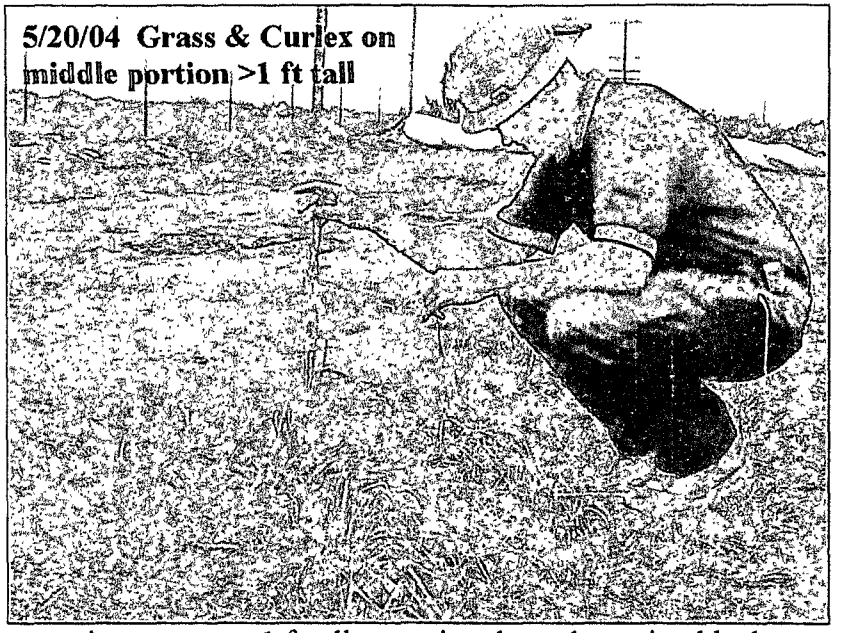


covering section with plastic 4/16/2004

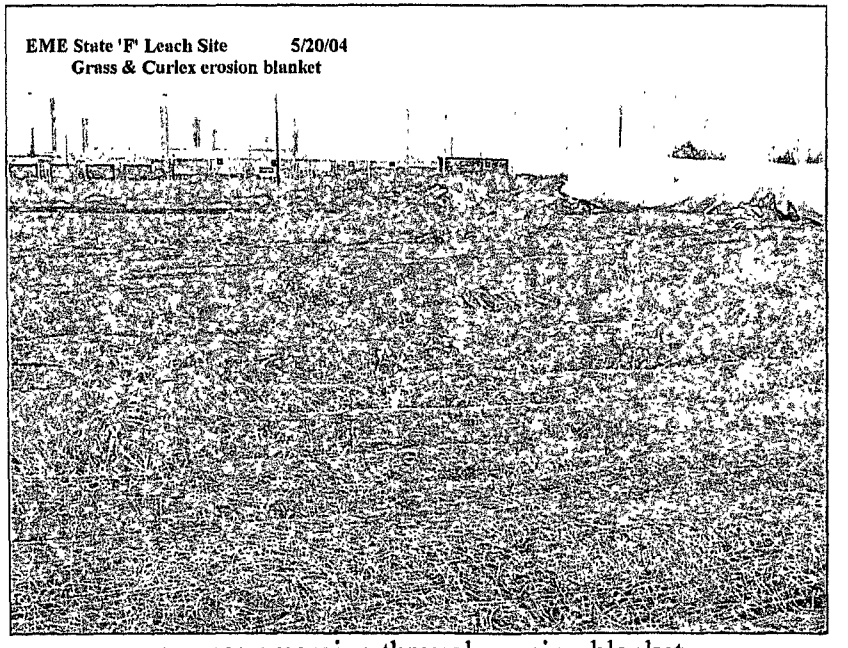


laying jute erosion blanket 5/20/2004

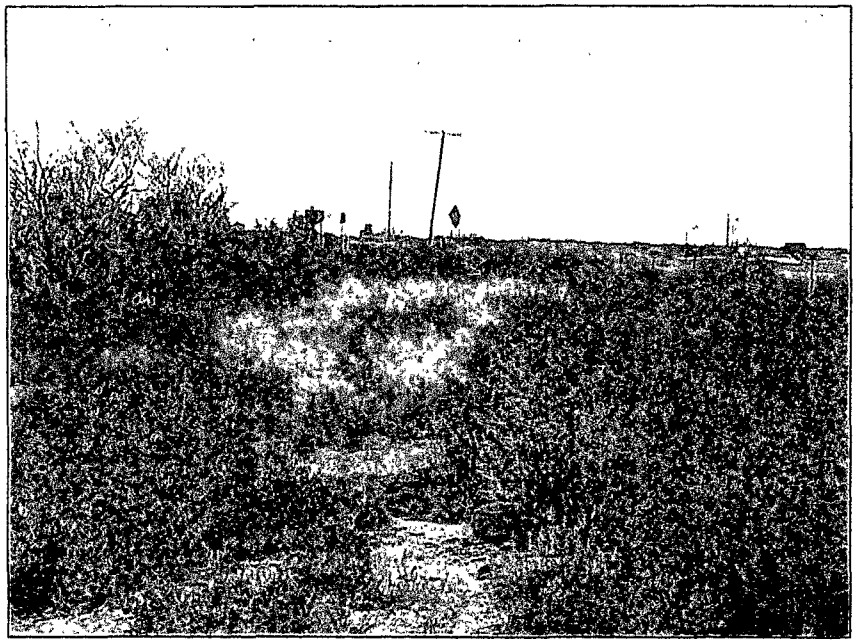
sampling at test point 1/7/2004



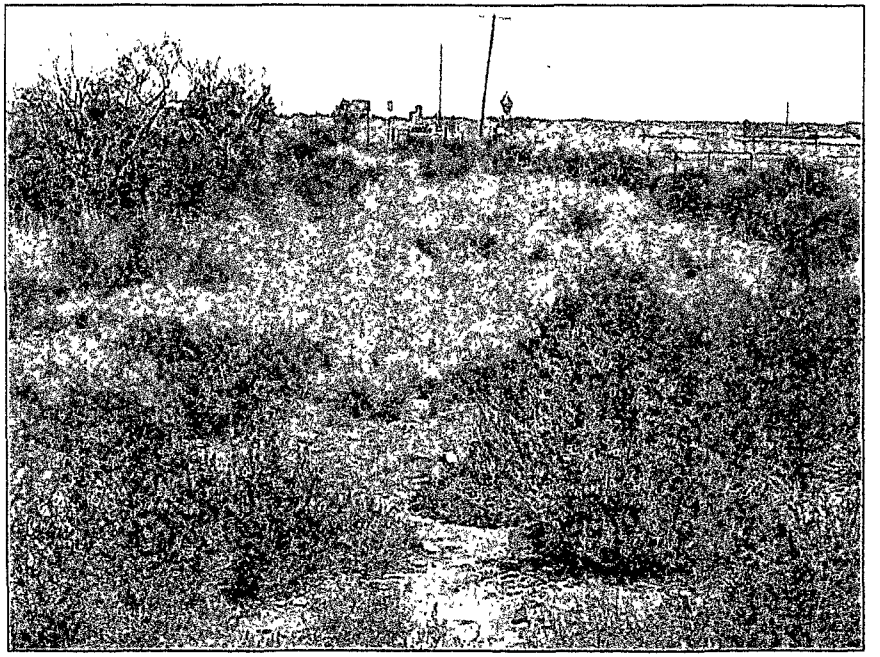
native grasses > 1 ft tall emerging through erosion blanket

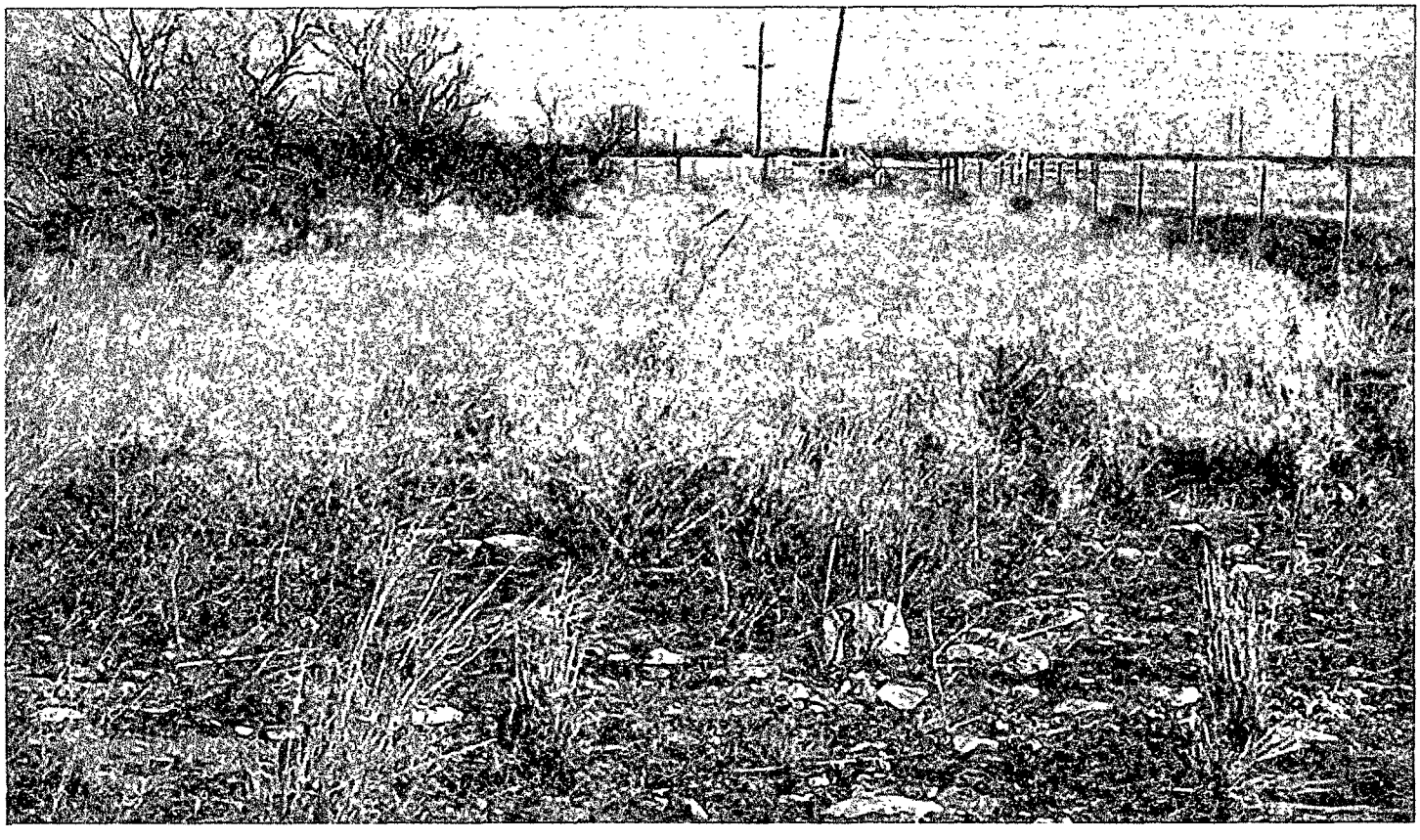


grasses emerging through erosion blanket

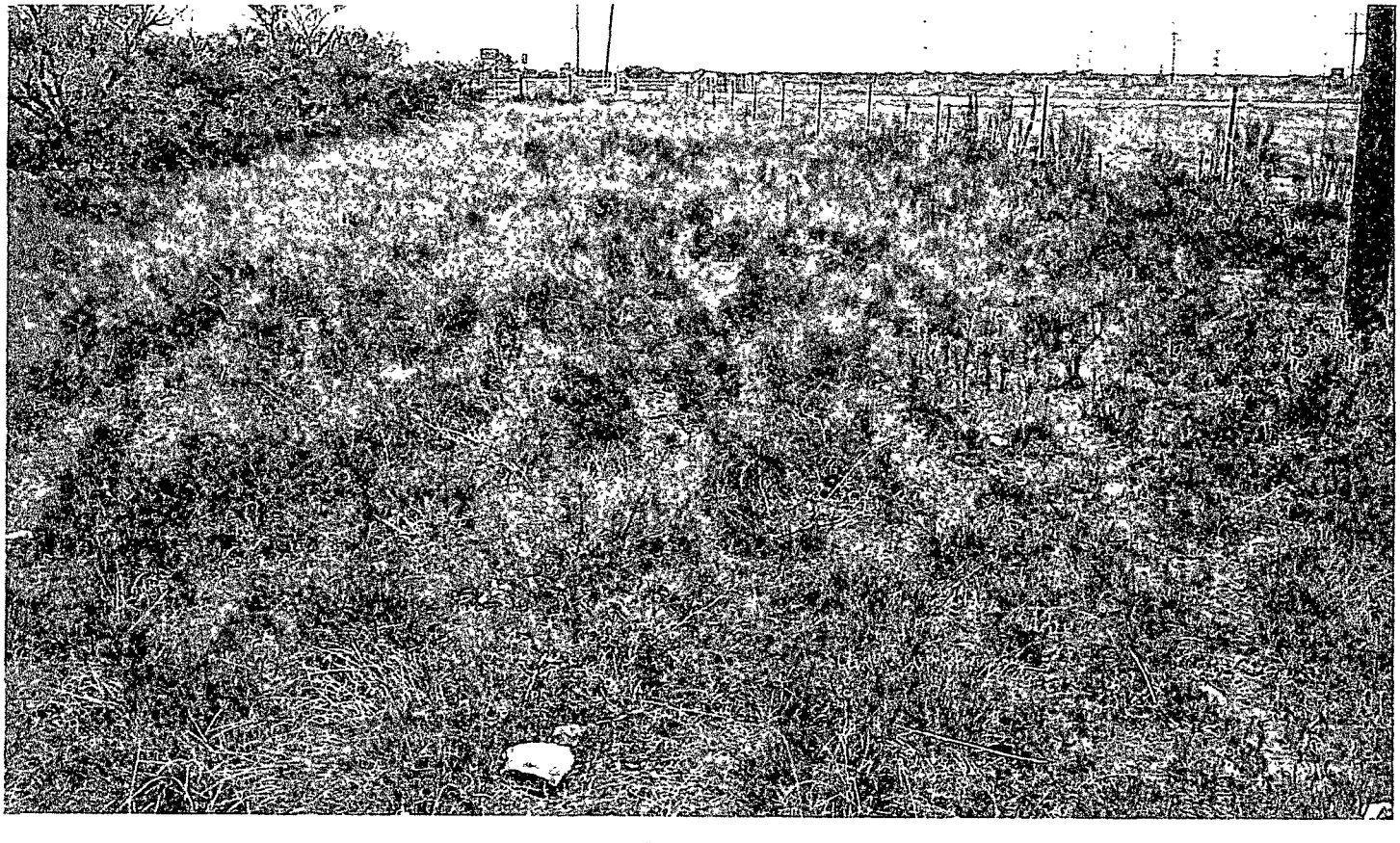


completed site (looking east)





State 'F' EOL leak site; 3 years after seeding (facing East) 2-12-2007



7-2-2007

CARDINAL LABORATORIES

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: HACK CONDER
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (505) 397-1471

Receiving Date: 07/18/07
Reporting Date: 07/19/07
Project Owner: NOT GIVEN
Project Name: EME STATE "F" LEACH/LEAK SITE
Project Location: W. OF ARTESIA, NM

Analysis Date: 07/18/07
Sampling Date: 07/17/07
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl^- (mg/Kg)
H12920-1	AREA 1 AND 2 SURF COMP	16
H12920-2	AREA 3 SURF COMP	< 16
H12920-3	AREA 4 SURF COMP	48
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		4.1

METHOD: Standard Methods	4500-Cl^-B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist

07-19-07
Date

H12920 RICE

CARDINAL LABORATORIES, INC.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page ____ of ____

Company Name:	RICE	BILL TO	
Project Manager:	HACK CONDER	P.O. #:	
Address:	122 W. TAYLOR	Company:	
City:	HOBBS State: NM Zip: 88240	Attn:	
Phone #:	393-9174 Fax #: 397-1471	Address:	
Project #:	Project Owner:	City:	
Project Name:	EME State 'F' leach/leak site	State: Zip:	
Project Location:		Phone #:	
Sampler Name:		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	ANALYSIS REQUEST: CHLORIDES
H12920-1	AREA 1 and 2 SURF COMP	C	1			✓					✓		7/17/07	10:00 AM	✓
-2	AREA 3 SURF COMP	C	1			✓					✓		7/17/07	10:20 AM	✓
-3	AREA 4 SURF COMP	C	1			✓					✓		7/17/07	10:40 AM	✓

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 the client for the 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 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.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished:	Date: 7/18/07	Received By:	Phone Result: ☐ Yes ☐ No
	Time: 8:05 AM		Fax Result: ☐ Yes ☐ No
Relinquished By:	Date:	Received By: (Lab Staff)	REMARKS: email results to hconder@riceswd.com jpurvis@riceswd.com tgrisco@riceswd.com
	Time:		

Delivered By: (Circle One)	Sample Condition: Temp. °C	Intact? ☒ Yes ☐ No	Checked By: (Initials)
Sampler - UPS - Bus - Other:			

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

(ESP-12)(CEC)(0.00078) = _____ lbs. CaSO4 / sq. ft.

A & L PLAINS AGRICULTURAL LABORATORIES, INC.
302 34th St. • P.O. Box 1590 • Lubbock, TX 79408 • (806) 763-4278
FAX (806) 763-2762 • www.al-labs-plains.com

REPORT NUMBER 02-280-02a October 7, 2002

RICE Operating Co.
122 West Taylor
Hobbs, N.M. 88240

Attn. D. Anderson

Saturated Paste Extract

Lab No.	Sample ID	Matrix	SAR	Sodium	Calcium	Magnesium
				ppm	ppm	ppm
95286	ST."F" EDL	Soil	68.10	14323 8	2661.0	401.8
95287	BD B-4-1	Soil	24.23	2290.9	600.9	42.9

Lab No.	Sample ID	Matrix	pH	ESP	E.C	CEC
			ppm		mmhos/cm	meq/100g
95286	ST."F" EDL	Soil	7.00	49.80	63 30	7.3
95287	BD B-4-1	Soil	7 39	26.30	13 80	3.6

Respectfully submitted,

by
A&L Plains Ag Labs, Inc.

A & L PLAINS AGRICULTURAL LABORATORIES, INC.

302 34th St. • P.O. Box 1590 • Lubbock, TX 79408 • (806) 763-4278
FAX (806) 763-2762 • www.al-labs-plains.com

04-089-185

REPORT NUMBER

CLIENT NO: 1228

SAMPLES SUBMITTED BY:

GROWER:

SEND TO:

Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240-

RECEIVED
APR 06 2004
RICE OPERATING
HOBBS NM

DATE 03/31/04

SOIL ANALYSIS REPORT

SAMPLE ID	LAB NUMBER	ORGANIC MATTER % RATE ENR lbs/A	PHOSPHORUS P1 (Weak Bray) ppm-P RATE	PHOSPHORUS P2 (Strong Bray) ppm-P RATE	POTASSIUM K ** ppm-K RATE	MAGNESIUM Mg *** ppm-Mg RATE	CALCIUM Ca *** ppm-Ca RATE	SODIUM Na *** ppm-Na RATE	pH SOIL pH	pH BUFFER INDEX	COMPUTED Cation Exchange C E C meq/100g	PERCENT BASE SATURATION K	Mg	Ca	H	Na
1	15742	1.2L 54	22M	55H	489VH	167L	2702M	1141VH	8.1		21.1	5.9	6.5	64.0	0.0	23.5

SAMPLE ID	NITRATE NO_3 *** ppm-NO3N RATE	SULFUR S *** ppm-S RATE	ZINC Zn *** ppm-Zn RATE	MANGANESE Mn *** ppm-Mn RATE	IRON Fe *** ppm-Fe RATE	COPPER Cu *** ppm-Cu RATE	BORON B *** ppm-B RATE	EX-CESS LIME RATE	SOLUBLE SALTS mmhos/cm RATE		
1	7L	4VL	5.8H	11M	41H	2.8H	1.5H	L	1.1M		

CODE TO RATINGS
VL = VERY LOW L = LOW
M = MEDIUM H = HIGH
VH = VERY HIGH NR = NOT RATED

ND = NONE DETECTED
IS = INSUFFICIENT SAMPLE
ENR = ESTIMATED NITROGEN RELEASE

This report applies only to the sample(s) tested Samples are retained for a maximum of thirty days after testing

A & L PLAINS AGRICULTURAL LABORATORIES, INC.

By: E. A. COLEMAN, PhD

PHOSPHORUS - Multiply the results in ppm by 4 6 to convert to lbs per acre P2O5

** - Multiply the results in ppm by 2 4 to convert to lbs per acre K2O

*** - Multiply the results in ppm by 2 to convert to lbs per acre of the elemental form

Most soils weigh two (2) million pounds (dry weight) for an acre of soil 6-2/3 inches deep

A & L PLAINS AGRICULTURAL LABORATORIES, INC.

302 34th St. • P.O. Box 1590 • Lubbock, TX 79408 • (806) 763-4278
FAX (806) 763-2762 • www.al-labs-plains.com

REPORT NUMBER

04-089-185

Client No: 1228

SEND TO:

Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240-

GROWER:

SUBMITTED BY:

Date: 03/31/2004

Page: 1

SOIL FERTILITY GUIDELINES (lbs/A)

SAMPLE NUMBER	CROP	YIELD	AMENDMENTS	N Nitrogen	P205 Phosphate	K2O Potash	Mg Magnesium	S Sulfur	Zn Zinc	Mn Manganese	Fe Iron	Cu Copper	B Boron
1	NATIVE GRASS		GYPSUM 1000	90	20		10						

COMMENTS:

TOP DRESS WITH 80-0-0 AFTER EACH HARVEST.

WATCH HIGH Na. GYPSUM OR OTHER Ca SOURCE SHOULD HELP. TRY TO KEEP % BASE SATURATION Na <8% IF POSSIBLE. CONSIDER IRR WATER ANALYSIS TO DETERMINE SOURCE OF Na.

A & L PLAINS AGRICULTURAL LABORATORIES, INC.

302 34th St. • P.O. Box 1590 • Lubbock, TX 79408 • (806) 763-4278
FAX (806) 763-2762 • www.al-labs-plains.com

04-089-185

REPORT NUMBER

CLIENT NO 1228

SEND TO

GROWER

SAMPLES SUBMITTED BY.

Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240-

DATE 03/31/04

SOIL ANALYSIS REPORT

PAGE. 1

SAMPLE ID	LAB NUMBER	ORGANIC MATTER % RATE ENR lbs/A	PHOSPHORUS P1 (Weak Bray) ppm-P RATE	PHOSPHORUS P2 (Strong Bray) ppm-P RATE	POTASSIUM K ** ppm-K RATE	MAGNESIUM Mg *** ppm-Mg RATE	CALCIUM Ca *** ppm-Ca RATE	SODIUM Na *** ppm-Na RATE	pH SOIL pH	pH BUFFER INDEX	COMPUTED Cation Exchange C E C meq/100g	PERCENT BASE SATURATION K	Mg	Ca	H	Na
1	15742	1.2L 54	22M	55H	489VH	167L	2702M	1141VH	8.1		21.1	5.9	6.5	64.0	0.0	23.5

SAMPLE ID	NITRATE NO_3 *** ppm-NO3N RATE	SULFUR S *** ppm-S RATE	ZINC Zn *** ppm-Zn RATE	MANGANESE Mn *** ppm-Mn RATE	IRON Fe *** ppm-Fe RATE	COPPER Cu *** ppm-Cu RATE	BORON B *** ppm-B RATE	EX-CESS LIME RATE	SOLUBLE SALTS mmhos/cm RATE		
1	7L	4VL	5.8H	11M	41H	2.8H	1.5H	L	1.1M		

CODE TO RATINGS
VL = VERY LOW L = LOW
M = MEDIUM H = HIGH
VH = VERY HIGH NR = NOT RATED

ND = NONE DETECTED
IS = INSUFFICIENT SAMPLE
ENR = ESTIMATED NITROGEN RELEASE

This report applies only to the sample(s) tested Samples are retained for a maximum of thirty days after testing

A & L PLAINS AGRICULTURAL LABORATORIES, INC.

By E. A. COLEMAN, PhD

PHOSPHORUS - Multiply the results in ppm by 4 6 to convert to lbs per acre P2O5

** - Multiply the results in ppm by 2 4 to convert to lbs per acre K2O

*** - Multiply the results in ppm by 2 to convert to lbs per acre of the elemental form

Most soils weigh two (2) million pounds (dry weight) for an acre of soil 6-2/3 inches deep

A & L PLAINS AGRICULTURAL LABORATORIES, INC.

302 34th St. • P.O. Box 1590 • Lubbock, TX 79408 • (806) 763-4278
FAX (806) 763-2762 • www.al-labs-plains.com

REPORT NUMBER

04-089-185

Client No: 1228

SEND TO:

Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240-

GROWER:

SUBMITTED BY:

Date: 03/31/2004

Page 1

SOIL FERTILITY GUIDELINES (lbs/A)

SAMPLE NUMBER	CROP	YIELD	AMENDMENTS	N Nitrogen	P205 Phosphate	K2O Potash	Mg Magnesium	S Sulfur	Zn Zinc	Mn Manganese	Fe Iron	Cu Copper	B Boron
1	NATIVE GRASS		GYPSUM 1000	90	20		10						

COMMENTS:

TOP DRESS WITH 80-0-0 AFTER EACH HARVEST.

WATCH HIGH Na. GYPSUM OR OTHER Ca SOURCE SHOULD HELP. TRY TO KEEP % BASE SATURATION Na <8% IF POSSIBLE. CONSIDER IRR WATER ANALYSIS TO DETERMINE SOURCE OF Na.

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04-089-185
REPORT NUMBER

CLIENT NO 1228

SEND TO

GROWER

SAMPLES SUBMITTED BY

Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240-

SOIL ANALYSIS REPORT

DATE 03/31/04

PAGE 1

SAMPLE ID	LAB NUMBER	ORGANIC MATTER % RATE	ENR lbs/A	PHOSPHORUS P1 (Weak Bray) ppm-P RATE	PHOSPHORUS P2 (Strong Bray) ppm-P RATE	POTASSIUM K ** ppm-K RATE	MAGNESIUM Mg *** ppm-Mg RATE	CALCIUM Ca *** ppm-Ca RATE	SODIUM Na *** ppm-Na RATE	pH SOIL pH	pH BUFFER INDEX	COMPUTED Cation Exchange C E C meq/100g	PERCENT BASE SATURATION K	Mg	Ca	H	Na
1	15742	1.2L	54	22M	55H	489VH	167L	2702M	1141VH	8.1		21.1	5.9	6.5	64.0	0.0	23.5

SAMPLE ID	NITRATE NO_3 *** ppm-NO3N RATE	SULFUR S *** ppm-S RATE	ZINC Zn *** ppm-Zn RATE	MANGANESE Mn *** ppm-Mn RATE	IRON Fe *** ppm-Fe RATE	COPPER Cu *** ppm-Cu RATE	BORON B *** ppm-B RATE	EXCESS LIME RATE	SOLUBLE SALTS mmhos/cm RATE		
1	7L	4VL	5.8H	11M	41H	2.8H	1.5H	L	1.1M		

CODE TO RATINGS
VL = VERY LOW L = LOW
M = MEDIUM H = HIGH
VH = VERY HIGH NR = NOT RATED

ND = NONE DETECTED
IS = INSUFFICIENT SAMPLE
ENR = ESTIMATED NITROGEN RELEASE

This report applies only to the sample(s) tested. Samples are retained for a maximum of thirty days after testing

A & L PLAINS AGRICULTURAL LABORATORIES, INC

By E. A COLEMAN, PhD

* PHOSPHORUS - Multiply the results in ppm by 4.6 to convert to lbs per acre P2O5
** Multiply the results in ppm by 2.4 to convert to lbs per acre K2O
*** - Multiply the results in ppm by 2 to convert to lbs per acre of the elemental form
Most soils weigh two (2) million pounds (dry weight) for an acre of soil 6-2/3 inches deep

A & L PLAINS AGRICULTURAL LABORATORIES, INC.
302 34th St • P.O. Box 1590 • Lubbock, TX 79408 • (806) 763-4278
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04-089-185

Client No: 1228

SEND TO
Rice Operating Co.
122 W. Taylor
Hobbs, NM 88240-

GROWER.

SUBMITTED BY

Date 03/31/2004

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SOIL FERTILITY GUIDELINES (lbs/A)

SAMPLE NUMBER	CROP	YIELD	AMENDMENTS	N Nitrogen	P205 Phosphate	K2O Potash	Mg Magnesium	S Sulfur	Zn Zinc	Mn Manganese	Fe Iron	Cu Copper	B Boron
1	NATIVE GRASS		GYPSUM 1000	90	20		10						

COMMENTS:

TOP DRESS WITH 80-0-0 AFTER EACH HARVEST.

WATCH HIGH Na. GYPSUM OR OTHER Ca SOURCE SHOULD HELP. TRY TO KEEP % BASE SATURATION Na <8% IF POSSIBLE CONSIDER IRR WATER ANALYSIS TO DETERMINE SOURCE OF Na.

$(ESP-5)(CEC)(0.00078) = \_\_\_\_$ lbs. gyp. / ft²

$(49.8-5)(21.1)(0.00078) = .74$

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REPORT NUMBER 02-280-02a

October 7, 2002

RICE Operating Co.
122 West Taylor
Hobbs, N.M. 88240

Attn: D. Anderson

Saturated Paste Extract

Lab No.	Sample ID	Matrix	SAR	Sodium	Calcium	Magnesium
				ppm	ppm	ppm
95286	ST."F" EDL	Soil	68.10	14323.8	2661.0	401.8
95287	BD B-4-1	Soil	24.23	2290.9	600.9	42.9

Lab No.	Sample ID	Matrix	pH	ESP	E.C.	CEC
			ppm		mmhos/cm	meq/100g
95286	ST."F" EDL	Soil	7.00	49.80	63.30	7.3
95287	BD B-4-1	Soil	7.39	26.30	13.80	3.6

Respectfully submitted,

by
A&L Plains Ag Labs, Inc.