

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	2004 OCT 12 5 57 PM '04 RECEIVED 070 FARMINGTON NM	5. Lease Number SF-078508
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company		7. Unit Agreement Name
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name Nordhaus 9. Well Number #710S
4. Location of Well 1160' FSL, 1055' FEL Latitude 36° 55.3564'N, Longitude 107° 43.5552'W		10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) p Sec. 1, T31N, R09W API # 30-045- 32618
14. Distance in Miles from Nearest Town 26.2 miles to intersection Hwy 550 & 173, Aztec	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1055'		
16. Acres in Lease	17. Acres Assigned to Well 314.89 E/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 78'		
19. Proposed Depth 3483'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6511' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u>Joni Clark</u> Regulatory/Compliance Specialist	<u>10/11/04</u> Date	

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY [Signature]

TITLE AFM

DATE 7-5-05

Archaeological Report attached

Threatened and Endangered Species Report attached

NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or presentations as to any matter within its jurisdiction.

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

NMOC

DISTRICT I
1635 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-32618	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 7365	⁵ Property Name NORDHAUS	⁶ Well Number 710S
⁷ OGED No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6511'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
P	1	31-N	9-W		1160'	SOUTH	1055'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres E/2 314.89					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	LOT 8	LOT 7	LOT 6	LOT 5
LOT 9	LOT 10	LOT 11	LOT 12	
LOT 16	LOT 15	LOT 14	LOT 13	
LOT 17	LOT 18	LOT 19	LOT 20	

USA-SF-078508

N 00-38-41 E
2682.34'

1055'

1160'

LAT: 36°55.3564' N
LONG: 107°43.5552' W
NAD 1927

N 89-10-23 W
2623.57'

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature Joni Clark
Printed Name Joni Clark
Title Regulatory Specialist
Date 9-29-04

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey 9-22-04

Signature [Signature]

15703

15703

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

March 4, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

5. Indicate Type of Lease

STATE ☐

FEE ☐

6. State Oil & Gas Lease No.

NMSF-078508

7. Lease Name or Unit Agreement Name

Nordhaus

8. Well Number

710S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter P : 1160 feet from the South line and 1055 feet from the East line

Section 1 Township 31N Range 9W NMPM County San Juan, NM

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL P Sect 1 Twp 31N Rng 9W Pit type New Drill Depth to Groundwater >100' Distance from nearest fresh water well >1000'

Distance from nearest surface water >1000' Below-grade Tank Location UL Sect Twp Rng ;

 feet from the line and feet from the line

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

MULTIPLE
COMPLETION ☐

OTHER:

New Drill Pit

☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND
ABANDONMENT ☐

CASING TEST AND
CEMENT JOB ☐

OTHER:

☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources proposes to construct a new drill pit. The new drill pit will be a lined pit as detailed in Burlington's general pit plan dated April 26, 2004 on file at the NMOCD office. Burlington Resources anticipates closing the pit according to the general pit permit on file at the NMOCD office.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE

Jon Clark

TITLE Regulatory Specialist

DATE 7/27/2004

Type or print name Jon Clark

E-mail address: jclark@br-inc.com

Telephone No. 326-9700

(This space for State use)

APPROVED BY

[Signature]

TITLE

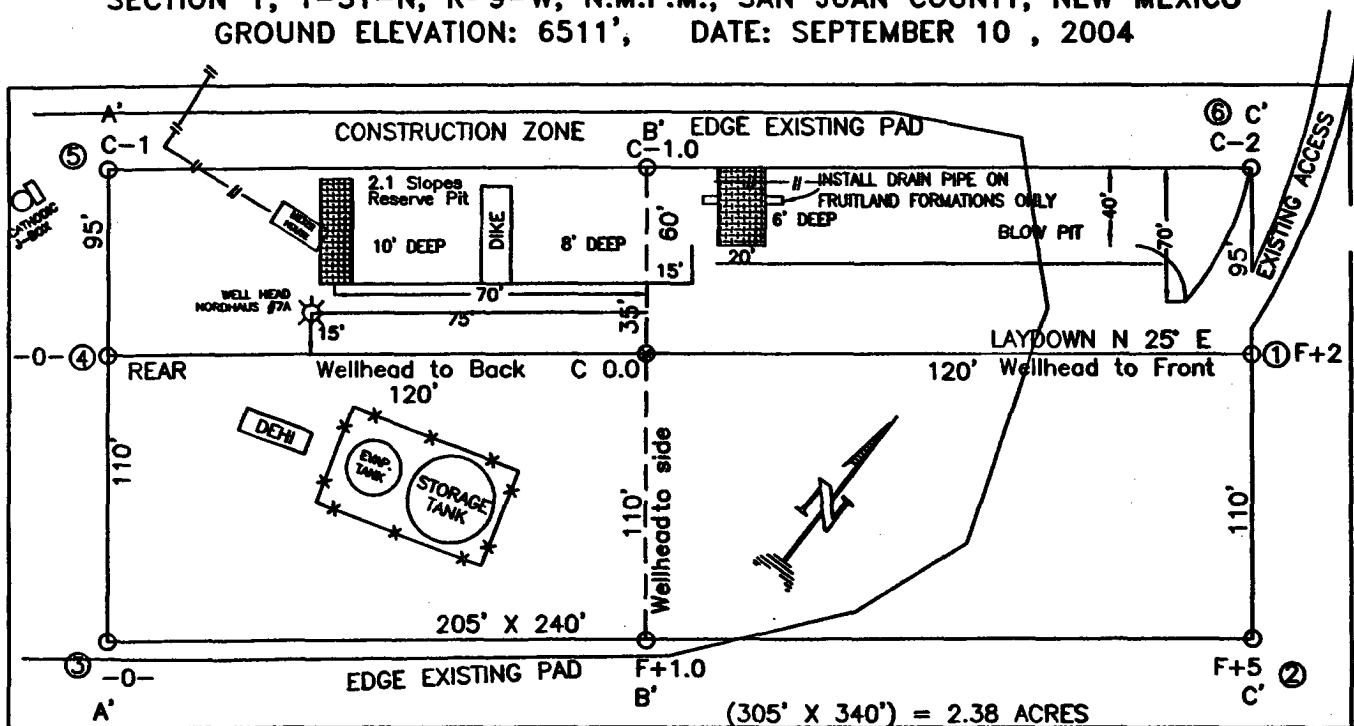
DEPUTY OIL & GAS INSPECTOR, DIST. 30

DATE

7 2005

Conditions of approval, if any:

BURLINGTON RESOURCES OIL & GAS COMPANY LP
NORDHAUS #710S, 1160' FSL 1055' FEL
SECTION 1, T-31-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 6511', DATE: SEPTEMBER 10, 2004



RESERVE PIT DIKE: TO BE 8' ABOVE DEEP SIDE (OVERFLOW - 3' WIDE AND 1' ABOVE SHALLOW SIDE).
 BLOW PIT: OVERFLOW PIPE HALFWAY BETWEEN TOP AND BOTTOM AND TO EXTEND OVER PLASTIC LINER AND INTO BLOW PIT.

ELEV. A-A'	C/L					
6520						
6510						
6500						

ELEV. B-B'	C/L					
6520						
6510						
6500						

ELEV. C-C'	C/L					
6520						
6510						
6500						

NOTE: VECTOR SURVEYS IS NOT LIABLE FOR UNDERGROUND UTILITIES OR PIPELINES.
 CONTRACTOR SHOULD CALL ONE-CALL FOR LOCATION OF ANY MARKED OR UNMARKED BURIED PIPELINES OR CABLES
 ON WELL PAD AND OR ACCESS ROAD AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION.

OPERATIONS PLAN

Well Name: Nordhaus #710S

Location: 1160 FSL, 1055' FEL, Sec 1, T-31-N, R-9-W
San Juan County, NM

Latitude 36° 55.3564'N, Longitude 107° 43.5552'W

Formation: Basin Fruitland Coal

Total Depth: 3483'

Burlington Resources is requesting a sump on this well.

Logging Program: See Walker Koch Wells Master Operations Plan

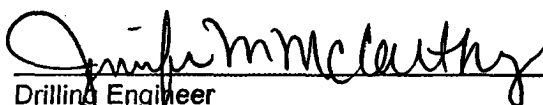
Mud Program: See Walker Koch Wells Master Operations Plan

Casing Program (as listed, the equivalent, or better):

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement	
12 1/4	0' - 120	9.625"	32.3#	H-40	113	cu.ft
8 3/4	0' - 3157	7"	20.0#	J-55	706	cu.ft
6 1/4	3117 - 3483'	5 1/2"	15.5#	J-55	0	cu.ft

Tubing Program: See Walker Koch Wells Master Operations Plan

- * The Fruitland Coal formation will be completed.
- * The east 314.89 acres in Section 1 are dedicated to the Fruitland Coal formation in this well.
- * Gas is dedicated.


Drilling Engineer

8-12-04
Date



BURLINGTON RESOURCES

SAN JUAN DIVISION

September 9, 2004

(Certified Mail – Return Receipt Requested)

Re: Nordhaus #710S
Basin Fruitland Coal
1055 'FSL, 1120' FEL Section 1, T-31-N, R-9-W
San Juan County, New Mexico



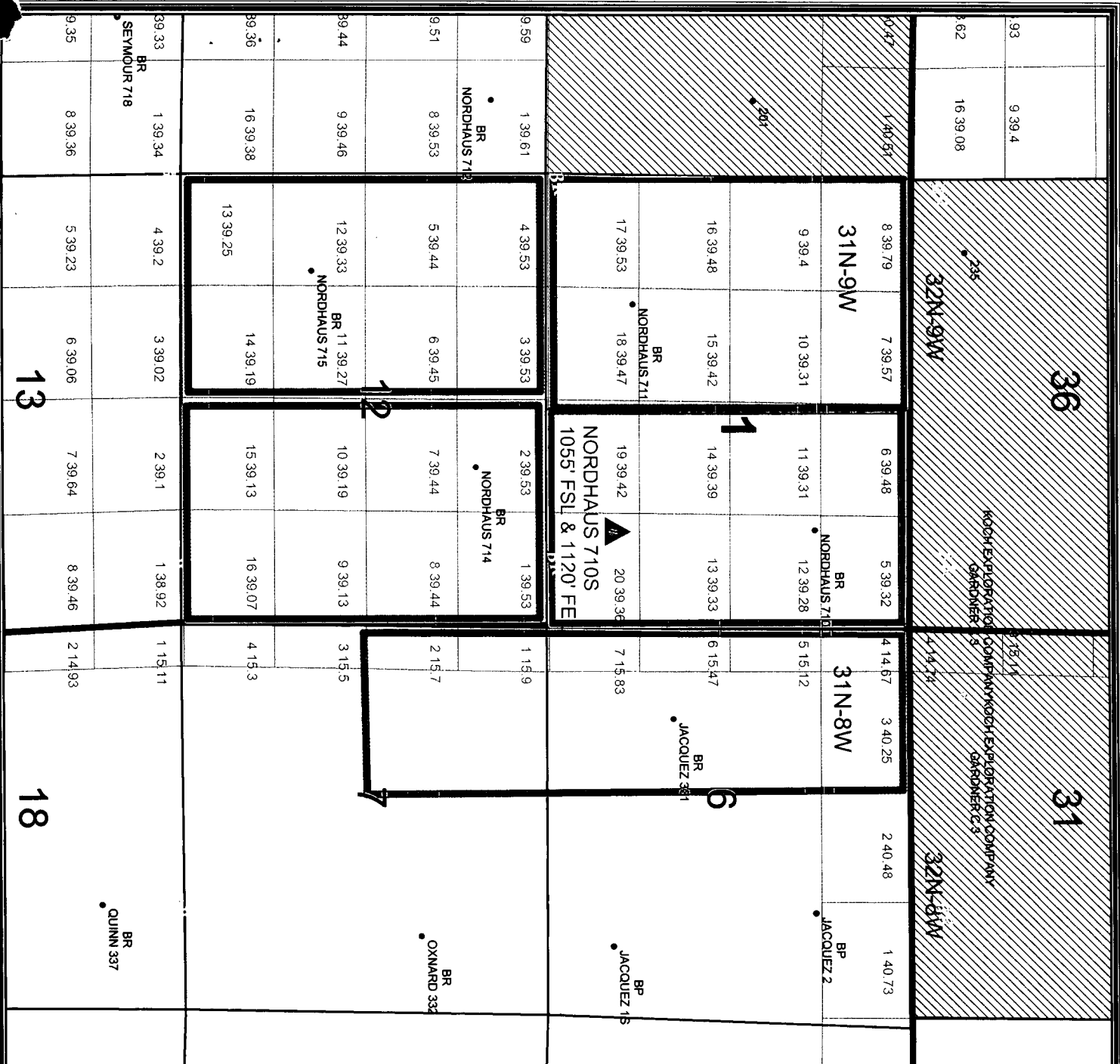
To the Affected Persons:

Burlington Resources Oil & Gas Company LP is submitting the enclosed Application for Permit to Drill to the appropriate regulatory agency(s) for approval. This well is located inside the High Productivity Area of the Basin-Fruitland Coal Pool as indicated on the attached plat. Notice is being made pursuant to New Mexico Oil Conservation Commission Order R-8768-F dated July 17, 2003.

The affected parties have twenty (20) days from receipt of this notice in which to file with the District Office of the New Mexico Oil Conservation Division written objection to the proposed Application for Permit to Drill.

Sincerely,

Joni Clark
Regulatory Specialist



Legend

FTC

Current Operator

- BP AMERICA PROD
- BURLINGTON
- PEOPLES ENERGY
- SJD State Names
- SJD County Names

Sections_(SJD)

Townships_(SJD)

New Mexico Lots

San Juan Federal Units

Counties (SJD)

PROPOSED WELL

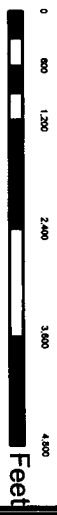
OFFSET OPERATOR:

BURLINGTON (See attached working interest owner list).

BURLINGTON
RESOURCES



PLAT



GCS North American 1927

BURLINGTON RESOURCES

San Juan

NORDHAUS 710S FTC INFILL - HPA

SEC 1, T31N, R9W

Prepared By: mlb Date: 8/25/2004
File Number: 8252/2004
File Name: plumb\Projects\HPA Nordhaus 710S\HPA Nordhaus 710S.mxd

2. Article Number



7110 6605 9550 0009 2040

1. Article Addressed to:

WILLIAMS PRODUCTION COMPANY
ONE WILLIAMS CENTER
PO BOX 3102 MS25-3

TULSA, OK 74101

9/8/2004 3:00 PM

Code: NORDHAUS 710S -HPA

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

A MAIL CALL

☐ Agent
☐ Addressee

B. Received by (Printed Name)

STANLEY ALLEN

C. Date of Delivery

SEP 16 2004

D. Is delivery address different from item 1? ☐ Yes
If YES enter delivery address below: ☐ No

USPS

3. Service Type



Certified

4. Restricted Delivery? (Extra Fee)



Yes

PS Form 3811

Domestic Return Receipt

2. Article Number



7110 6605 9550 0009 2033

1. Article Addressed to:

FOUR STAR OIL & GAS COMPANY
ATTN BARBARA NELMS
PO BOX 36366

HOUSTON, TX 77236

9/8/2004 3:00 PM

Code: NORDHAUS 710S -HPA

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES enter delivery address below: ☐ No

3. Service Type



Certified

4. Restricted Delivery? (Extra Fee)



Yes

PS Form 3811

Domestic Return Receipt

mber



15 9550 0009 2026

1 to:

JA PRODUCTION COMPANY
AN ANDERSON OSO ENGINEER
BU

E 1 ROOM 19-114
JAKE PARK BLVD
TX 77079

PM

NORDHAUS 710S -HPA

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

9-20-04

D. Is delivery address different from item 1? ☐ Yes
If YES enter delivery address below: ☐ No

3. Service Type



Certified

4. Restricted Delivery? (Extra Fee)



Yes

Domestic Return Receipt