

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 SEP 22 PM 2 29 RECEIVED 070 FARMINGTON NM	5. Lease Number SF-078508 Unit Reporting Number
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 #714S
4. Location of Well 985' FSL, 1580' FEL Latitude 36° 54.4685' N, Longitude 107° 43.6746' W <i>Lot 15</i>		10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) 8 Sec. 12, T31N, R09W API # 30-045- 32591
14. Distance in Miles from Nearest Town 27.9 miles to highway 550 and highway 173 in Aztec, NM	12. County San Juan	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 985'		
16. Acres in Lease	17. Acres Assigned to Well E/2 314.46 15	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 77'		
19. Proposed Depth 3420'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6473' 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>8/10/04</u> Date	

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]

TITLE AFM

DATE 3/1/06

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
8

DISTRICT II
811 South First, Artesia, N.M. 88210DISTRICT III
1000 Rio Brazos Rd., Artec, N.M. 87410DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039 32591		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7365	*Property Name NORTH HAVEN ARMINGTON NM		*Well Number 714S
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6473'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	12	31-N	9-W	15	985'	SOUTH	1580'	EAST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres E/2 314.46					*Joint or Infill		*Consolidation Code		*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		17 OPERATOR CERTIFICATION	
LOT 4		I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
LOT 5		Signature <u>Jonie Clark</u>	
LOT 6		Printed Name _____	
LOT 7		Title <u>8/9/04</u>	
LOT 8		Date _____	
12		18 SURVEYOR CERTIFICATION	
LOT 12		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.	
LOT 11		Date of Survey <u>7-4-04</u>	
USA SF-078508		Signature and Seal of Professional Surveyor	
LOT 10		LAT: 36°54.4685' N. LONG: 107°43.6746' W. NAD 1927	
LOT 9		N 00-37- E 2610.96'	
LOT 13		LOT 15	
LOT 14		1580'	
		985'	
		N 89-57 W 5206.08'	
		LOT 16	

Office

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

March 4, 2004

WELL API NO.

30-039-32591

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

714S

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 O : 985 feet from the South line and 1580 feet from the East lineSection 12 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 O Sect 12 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:

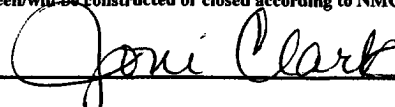
☐

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

TITLE Regulatory SpecialistDATE 7/27/2004Type or print name Joni ClarkE-mail address: jclark@br-inc.comTelephone No. 326-9700

(This space for State use)

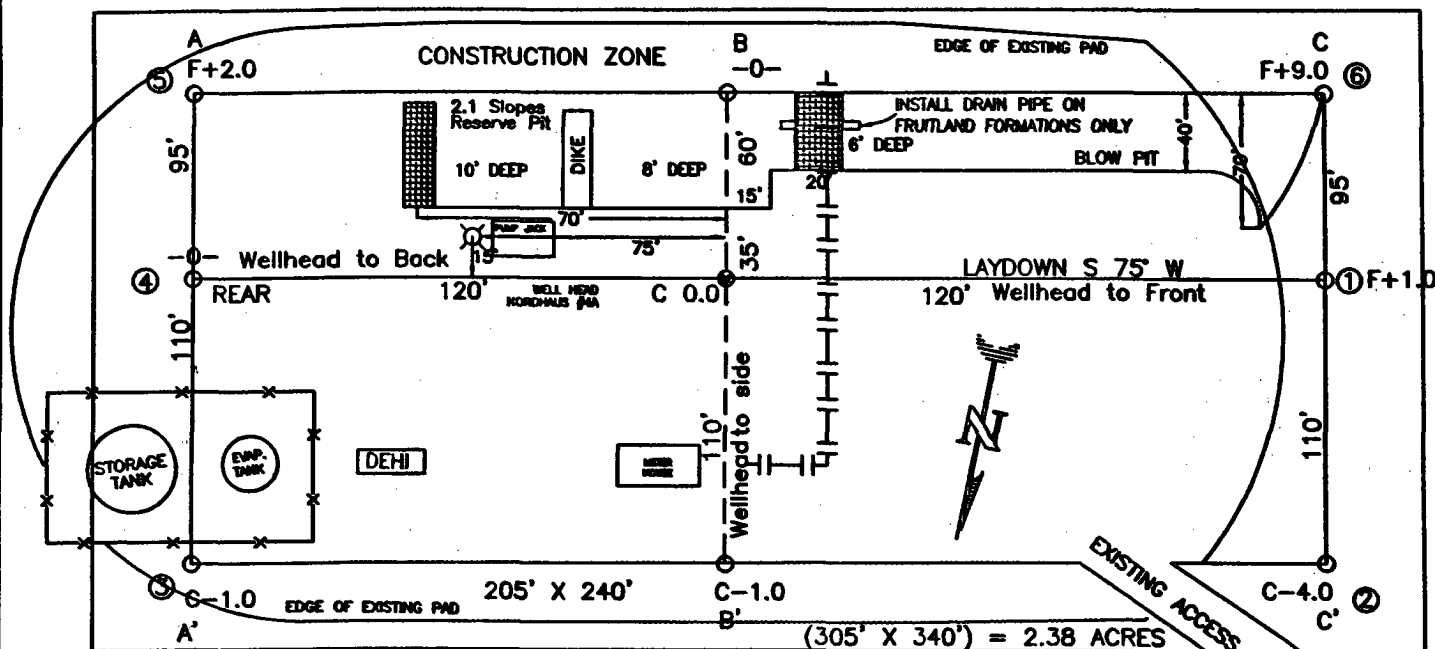
APPROVED BY

TITLE

SENIOR OIL & GAS INSPECTOR, DIST. 4DATE MAR 06 2006

Conditions of approval, if any:

BURLINGTON RESOURCES OIL & GAS COMPANY LP
NORDHAUS #714S, 985' FSL 1580' FEL
SECTION 12, T-31-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO
GROUND ELEVATION: 6473', DATE: JUNE 3, 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					
6480						
6470						
6460						

ELEV. B-B'	C/L					
6480						
6470						
6460						

ELEV. C-C'						
6480						
6470						
6460						

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 #714S

Location: 985' FSL, 1580' FEL, Sec 12, T-31-N, R-9-W
San Juan County, NM

Latitude 36° 54.4685'N, Longitude 107° 43.6746'W

Formation: Basin Fruitland Coal

Total Depth: 3420'

Burlington Resources is requesting a sump on this well.

Logging Program: See Walker Koch Wells Master Operations Plan

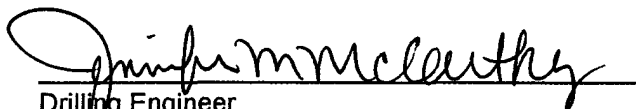
Mud Program: See Walker Koch Wells Master Operations Plan

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' - 3062	7"	20.0#	J-55	684	cu.ft
6 1/4	3022 - 3420'	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 half of Section 12 is dedicated to the Fruitland Coal formation in this well.
- * Gas is dedicated.


Drilling Engineer

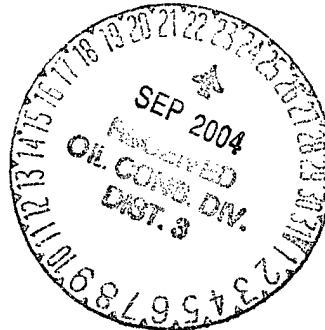
8-12-04
Date

BURLINGTON RESOURCES

SAN JUAN DIVISION

September 7, 2004

BP America Production Company
ATTN: Bryan Anderson OSO Engineer
San Juan BU
West Lake 1 Room 19-114
501 Westlake Park Blvd.
Houston, TX 77079



(Certified Mail – Return Receipt Requested)

Re: Nordhaus #714S
Basin Fruitland Coal
985'FSL, 1580'FEL Section 12, T-31-N, R-09-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
- SJD State Names
- SJD County Names

Sections_(SJD)

Townships_(SJD)

New Mexico Lots

San Juan Federal Units

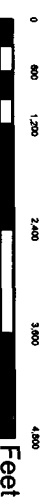
Counties (SJD)

PROPOSED WELL

OFFSET OPERATOR:

BURLINGTON (See attached working interest only list).

BURLINGTON RESOURCES



GCS North American 1927

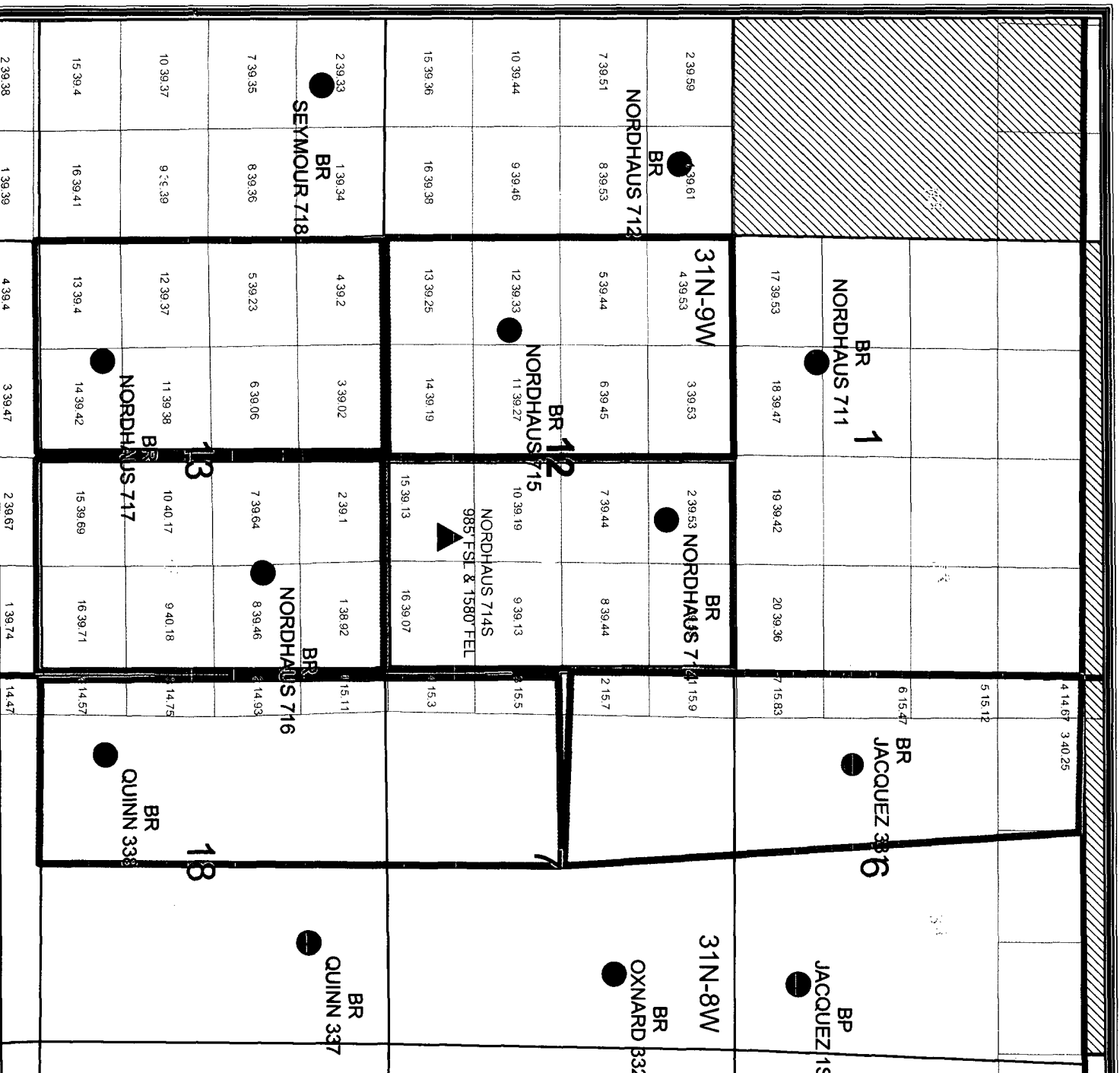
BURLINGTON RESOURCES

San Juan

NORDHAUS 714S FTC INFILL - HPA

SEC 12, T31N, R9W

Prepared By: mlb Date: 8/30/2004
File Number: Revised Date: 8/30/2004
File Name: \\mlb\Projects\HPA\NORDHAUS 714S\HPA NORDHAUS 714S.dwg



2. Article Number



7110 6605 950 0009 1654

1. Article Addressed to:

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

TULSA, OK 74101

9/7/2004 9:03 AM

Code: NORDHAUS 714S - HPA

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)

C. Date of Delivery

STANLEY ALLEN

SEP 8 2004

D. Is delivery address different from item 1?
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 950 0009 1630

1. Article Addressed to:

BP AMERICA PRODUCTION COMPANY
ATTN BRYAN ANDERSON OSO ENGINEER
SAN JUAN BU
WEST LAKE 1 ROOM 19-114
501 WESTLAKE PARK BLVD
HOUSTON, TX 77079

9/7/2004 9:03 AM

Code: NORDHAUS 714S - 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?
If YES enter delivery address below:☐ Yes☐ No

3. Service Type



Certified

4. Restricted Delivery? (Extra Fee)



Yes

PS Form 3811

Domestic Return Receipt

2. Article Number



7110 6605 950 0009 1647

1. Article Addressed to:

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

HOUSTON, TX 77236

9/7/2004 9:03 AM

Code: NORDHAUS 714S - HPA

COMPLETE THIS SECTION ON DELIVERY

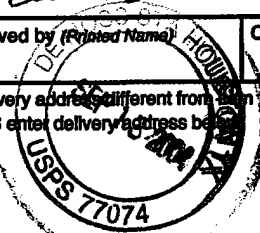
A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type



Certified

4. Restricted Delivery? (Extra Fee)



Yes

PS Form 3811

Domestic Return Receipt