

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 AUG 11 SF 078508 Unit Reporting Number RECEIVED	5. Lease Number 27
1b. Type of Well GAS	070 6. If Indian, All, or Tribe	
2. Operator <b>BURLINGTON</b> 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 #715S	
4. Location of Well 1555' FNL, 1650' FWL Latitude 36° 54.9112' N, Longitude 107° 44.0809' W	10. Field, Pool, Wildcat Basin Fruitland Coal 11. Sec., Twn, Rge, Mer. (NMPM) # Sec. 12, T31N, R09W API # 30-045- 32531	
14. Distance in Miles from Nearest Town 26.6 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 1555'		
16. Acres in Lease	17. Acres Assigned to Well W/2 314.99	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 77'		
19. Proposed Depth 3494'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6540' 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>8/9/04</u> Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE AFM DATE 10-12-04

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.

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

NMOCB

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

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

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

RECEIVED

AUG 11 2004

Bureau of Land Management  
Farmington Field OfficeAppropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAN

*API Number 30-039045-32531		*Pool Code 71629	*Pool Name Basin Fruitland Coal
*Property Code 7365	*Property Name NORDHAUS		*Well Number 7155
*OGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP		*Elevation 6540'

## 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
F	12	31-N	9-W		1555'	NORTH	1650'	WEST	SAN JUAN

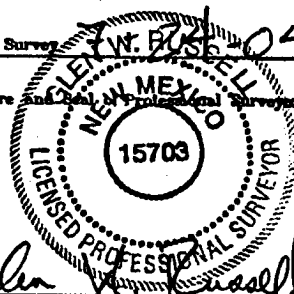
## 11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
*Dedicated Acres W/2 314.99			*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

12		N 89-31-52 E 2624.5'		LOT 2		LOT 1	
LOT 4		1555'		LOT 3			
1650'				LAT: 36°54.9112' N. LONG: 107°44.0809' W. NAD 1927			
S 00-13-52 W 2602.7'		LOT 5		LOT 6		LOT 7	
						LOT 8	
USA SF-078508		12		LOT 10		LOT 9	
LOT 12		LOT 11					
LOT 13		LOT 14		LOT 15		LOT 16	

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 8/9/04

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 7/26/04  
Signature and Seal of Professional Surveyor:  
  
Certificate Number 15703

## 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.

5. Indicate Type of Lease

STATE ☐FEE ☐

6. State Oil &amp; Gas Lease No.

NMSF-078508

7. Lease Name or Unit Agreement Name

Nordhaus

8. Well Number

715S

9. OGRID Number

14538

10. Pool name or Wildcat

Basin Fruitland Coal

SUNDY 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 &amp; GAS COMPANY LP

3. Address of Operator

3401 E. 30TH STREET, FARMINGTON, NM 87402

4. Well Location

Unit Letter F : 1555 feet from the North line and 1650 feet from the West 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 F 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:

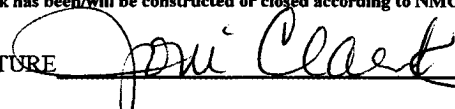
REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND  
ABANDONMENT ☐CASING TEST AND  
CEMENT JOB ☐OTHER: ☐

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

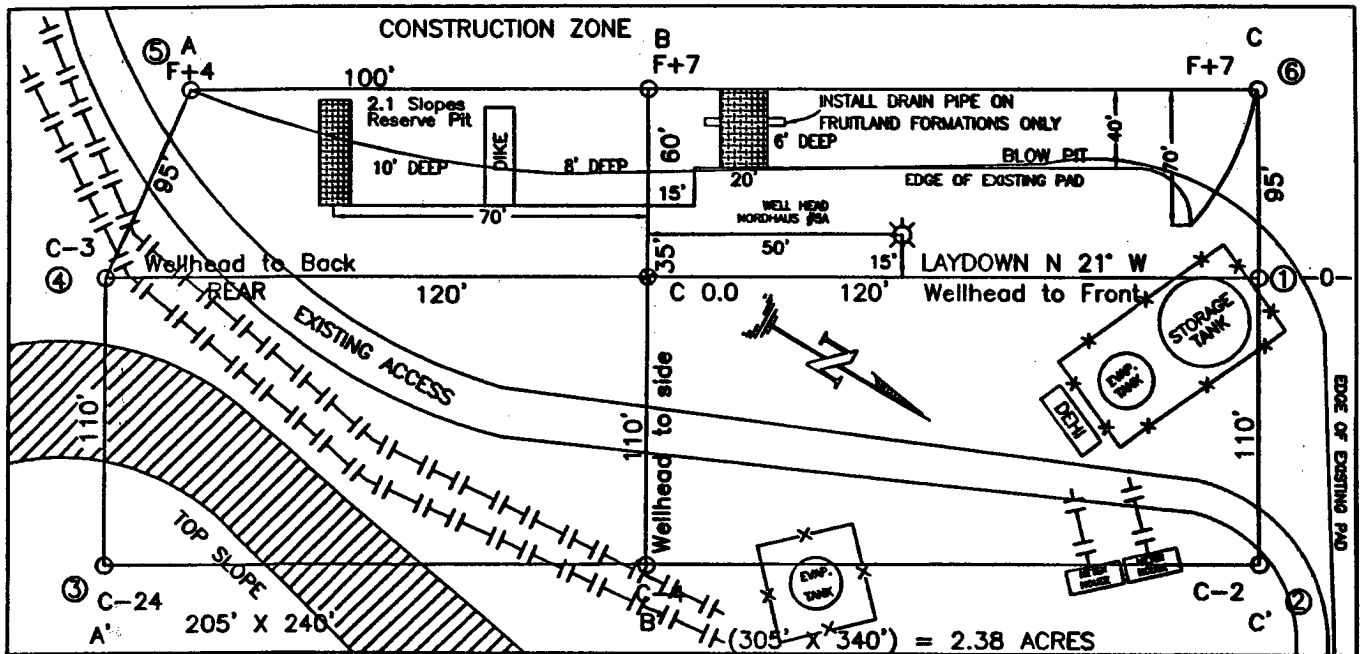
TITLE Regulatory SpecialistDATE 7/27/2004Type or print name Joni ClarkE-mail address: jclark@br-inc.comTelephone No. 326-9700

(This space for State use)

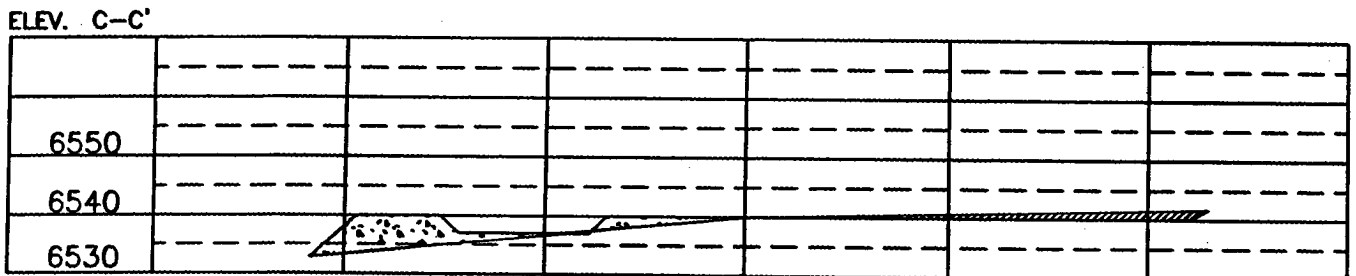
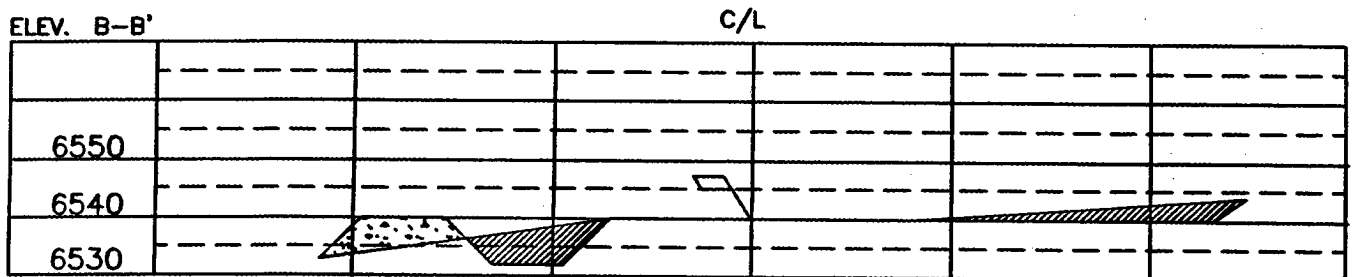
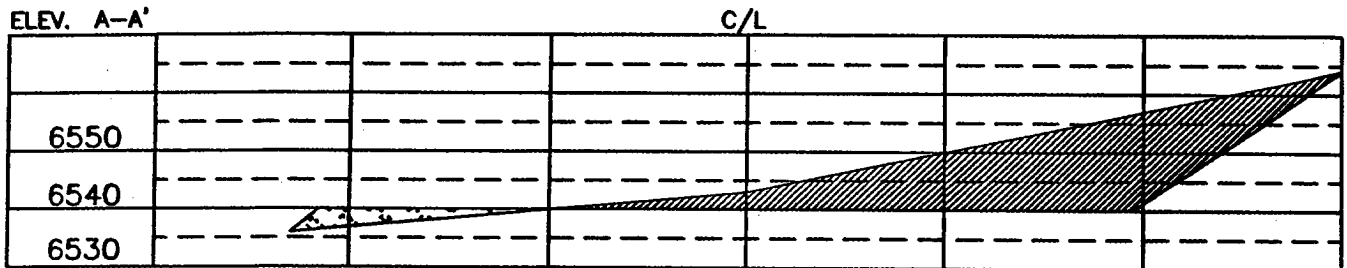
APPROVED BY TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3DATE OCT 15 2004

Conditions of approval, if any:

**BURLINGTON RESOURCES OIL & GAS COMPANY LP**  
**NORDHAUS #715S, 1555' FNL 1650' FWL**  
**SECTION 12, T-31-N, R-9-W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO**  
**GROUND ELEVATION: 6540', DATE: JULY 21, 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.



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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <p>2. Name of Operator <b>BURLINGTON</b> RESOURCES OIL &amp; GAS COMPANY</p> <p>3. Address &amp; Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M 1555' FNL, 1650' FWL, Sec. 12, T31N, R09W, NMPM</p>	<p>5. Lease Number SF - 078508</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name &amp; Number Nordhaus #715S</p> <p>9. API Well No. 30-045- 32531</p> <p>10. Field and Pool Basin Fruitland Coal</p> <p>11. County and State San Juan Co, NM ✓</p>
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12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Sump Request	

13. Describe Proposed or Completed Operations

Burlington Resources is requesting a sump on this well.

14. I hereby certify that the foregoing is true and correct.

Signed Joni Clark Title Regulatory Specialist Date 8/12/04

(This space for Federal or State Office use)

APPROVED BY [Signature] Title AFM Date 10-12-04

CONDITION OF APPROVAL, if any:

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 representations as to any matter within its jurisdiction.

NMOC

## OPERATIONS PLAN

**Well Name:** Nordhaus #715S

**Location:** 1555' FNL, 1650' FWL, Sec 12, T-31-N, R-9-W  
San Juan County, NM

Latitude 36° 54.9112'N, Longitude 107° 44.0809'W

**Formation:** Basin Fruitland Coal

**Total Depth:** 3494'

**Logging Program:** See Walker Koch Wells Master Operations Plan

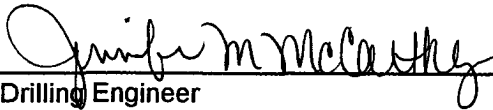
**Mud Program:** See Walker Koch Wells Master Operations Plan

**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' - 3219'	7"	20.0#	J-55	720	cu.ft
6 1/4	3179 - 3494'	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

8-10-04  
Date

# BURLINGTON RESOURCES

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SAN JUAN DIVISION

*release Oct 7*

September 7, 2004

Williams Production Company  
One Williams Center  
PO Box 3102 MS25-3  
Tulsa, OK 74101

(Certified Mail – Return Receipt Requested)

Re: Nordhaus #715S  
Basin Fruitland Coal  
1555'FSL, 1650'FWL Section 12, T-31-N, R-08-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






<b>2. Article Number</b>   7110 6605 9590 0009 1661	<b>COMPLETE THIS SECTION ON DELIVERY</b> A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Jul. Webster</i> B. Received by (Printed Name) <i>Jul. Webster</i> C. Date of Delivery <i>09-09-04</i> D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No
<b>1. Article Addressed to:</b>  <b>BOLACK MINERALS CO</b> <b>ATTN TOMMY BOLACK</b> <b>3901 BLOOMFIELD HWY</b> <b>RT 3 BOX 47</b> <b>FARMINGTON, NM 87401</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA	<b>3. Service Type</b> <input checked="" type="checkbox"/> <b>Certified</b> <b>4. Restricted Delivery? (Extra Fee)</b> <input type="checkbox"/> Yes


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Domestic Return Receipt

<b>2. Article Number</b>   7110 6605 9590 0009 1692	<b>COMPLETE THIS SECTION ON DELIVERY</b> A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Hayden</i> B. Received by (Printed Name) C. Date of Delivery D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No
<b>1. Article Addressed to:</b>  <b>DEVON ENERGY PRODUCTION CO LP</b> <b>ATTN LAND DEPT</b> <b>20 N BROADWAY STE 1500</b>  <b>OKLAHOMA CITY, OK 73102</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA	<b>3. Service Type</b> <input checked="" type="checkbox"/> <b>Certified</b> <b>4. Restricted Delivery? (Extra Fee)</b> <input type="checkbox"/> Yes


PS Form 3811

Domestic Return Receipt

<b>2. Article Number</b>   7110 6605 9590 0009 1739	<b>COMPLETE THIS SECTION ON DELIVERY</b> A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Keith</i> B. Received by (Printed Name) <i>Keith</i> C. Date of Delivery <i>9-9-2004</i> D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No
<b>1. Article Addressed to:</b>  <b>PHILLIPS-SAN JUAN PARTNERS</b> <b>C/O CONOCOPHILLIPS</b> <b>ATTN CHIEF LANDMAN SAN JUAN/ROCKIES</b> <b>PO BOX 2197</b> <b>HOUSTON, TX 77252-2197</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA	<b>3. Service Type</b> <input checked="" type="checkbox"/> <b>Certified</b> <b>4. Restricted Delivery? (Extra Fee)</b> <input type="checkbox"/> Yes


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Domestic Return Receipt

<b>2. Article Number</b>		<b>COMPLETE THIS SECTION ON DELIVERY</b>	
 7110 6605 9590 0009 1715		A. Signature X <i>Earl Ripley</i>	<input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:  <b>JOHN S BROWN JR 7301 BURNET RD STE 102-122  AUSTIN, TX 78757-2248</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA		B. Received by (Printed Name) <i>EARL RIPLEY</i>	C. Date of Delivery
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No	
		3. Service Type <input checked="" type="checkbox"/> <b>Certified</b>	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	


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<b>2. Article Number</b>		<b>COMPLETE THIS SECTION ON DELIVERY</b>	
 7110 6605 9590 0009 1753		A. Signature X <i>A MAIL CALL</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:  <b>WILLIAMS PRODUCTION COMPANY ONE WILLIAMS CENTER PO BOX 3102 MS25-3  TULSA, OK 74101</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA		B. Received by (Printed Name) <b>STANLEY ALLEN</b>	C. Date of Delivery <i>SEP 13 2004</i>
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No	
		3. Service Type <input checked="" type="checkbox"/> <b>Certified</b>	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	


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<b>2. Article Number</b>		<b>COMPLETE THIS SECTION ON DELIVERY</b>	
 7110 6605 9590 0009 1678		A. Signature X <i>[Signature]</i>	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to:  <b>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</b> 9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA		B. Received by (Printed Name)	C. Date of Delivery
		D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No	
		3. Service Type <input checked="" type="checkbox"/> <b>Certified</b>	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	


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<b>2. Article Number</b>  <div style="text-align: center;">   7110 6605 9590 0009 1746 </div>	<b>COMPLETE THIS SECTION ON DELIVERY</b> A. Signature X <i>M. Johnson</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span> <span style="float: right;">9-13-04</span> D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No
<b>1. Article Addressed to:</b>  <b>T H MCELVAIN OIL &amp; GAS LTD PARTNERSHIP 1050 17TH ST STE 1800  DENVER, CO 80265</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA	3. Service Type <input checked="" type="checkbox"/> <b>Certified</b> 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes


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Domestic Return Receipt

<b>2. Article Number</b>  <div style="text-align: center;">   7110 6605 9590 0009 1722 </div>	<b>COMPLETE THIS SECTION ON DELIVERY</b> A. Signature X <i>James M. Raymond</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span> <span style="float: right;">9/14/04</span> D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No
<b>1. Article Addressed to:</b>  <b>JRP SAN JUAN LP ATTN JAMES M RAYMOND MGR PO BOX 291445  KERRVILLE, TX 78029-1445</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA	3. Service Type <input checked="" type="checkbox"/> <b>Certified</b> 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

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Domestic Return Receipt

<b>2. Article Number</b>  <div style="text-align: center;">   7110 6605 9590 0009 1708 </div>	<b>COMPLETE THIS SECTION ON DELIVERY</b> A. Signature X <i>Barbara Nelms</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span> <span style="float: right;">9/13/04</span> D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES enter delivery address below: <input type="checkbox"/> No
<b>1. Article Addressed to:</b>  <b>FOUR STAR OIL &amp; GAS COMPANY ATTN BARBARA NELMS PO BOX 36366  HOUSTON, TX 77236</b>  9/7/2004 9:35 AM Code: NORDHAUS 715S - HPA	3. Service Type <input checked="" type="checkbox"/> <b>Certified</b> 4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes

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Domestic Return Receipt

## 2. Article Number



7110 6605 9590 0009 1685

## 1. Article Addressed to:

CONOCOPHILLIPS COMPANY  
ATTN CHIEF LANDMAN SAN JUAN/ROCKIES  
PO BOX 2197

HOUSTON, TX 77252-2197

9/7/2004 9:35 AM

Code: NORDHAUS 715S - HPA

## COMPLETE THIS SECTION ON DELIVERY

## A. Signature

☐ Agent☐ Addressee

## B. Received by (Printed Name)

Keith Dornillo

## C. Date of Delivery

SEP 14 2004

## 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

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Domestic Return Receipt