

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2005 JUN 30 PM 3 58  
NMNM-010444  
RECEIVED  
UNIT REPORTING NUMBER  
C/O FARMINGTON NM

1a. Type of Work  
DRILL

1b. Type of Well  
GAS

2. Operator  
**BURLINGTON**  
RESOURCES Oil & Gas Company

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499  
(505) 326-9700

4. Location of Well  
1885' FSL, 1725' FEL  
Latitude 36° 46.0233'N, Longitude 107° 27.8727'W

5. Lease Number

6. If Indian, All. or Tribe

7. Unit Agreement Name  
San Juan 30-6 Unit

8. Farm or Lease Name

9. Well Number  
#494S

10. Field, Pool, Wildcat  
Basin Fruitland Coal

11. Sec., Twn, Rge, Mer. (NMPM)  
Sec. 33, T30N, R6W

API # 30-045-39-29578

12. County  
Rio Arriba

13. State  
NM

14. Distance in Miles from Nearest Town  
8 miles to Gobernador

15. Distance from Proposed Location to Nearest Property or Lease Line  
1725'

16. Acres in Lease

17. Acres Assigned to Well  
320 E/2

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease  
75' - MV

19. Proposed Depth  
3348'

20. Rotary or Cable Tools  
Rotary

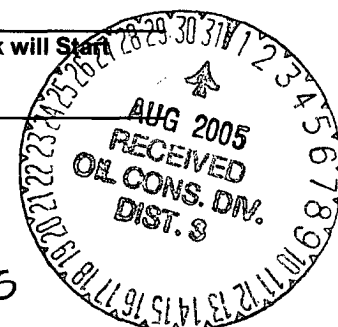
21. Elevations (DF, FT, GR, Etc.)  
6351' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program  
See Operations Plan attached

24. Authorized by: Paulina Thompson  
Regulatory Associate

Date 6-30-05



PERMIT NO.

APPROVED BY

APPROVAL DATE

TITLE

DATE

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".

NMOCD

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

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised February 21, 1994

District II  
PO Drawer 00, Artesia, NM 88211-0719

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

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039- <b>29578</b>	Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 7469	Property Name SAN JUAN 30-6 UNIT	Well Number 494S
GRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP	Elevation 6351'

<sup>10</sup> Surface Location

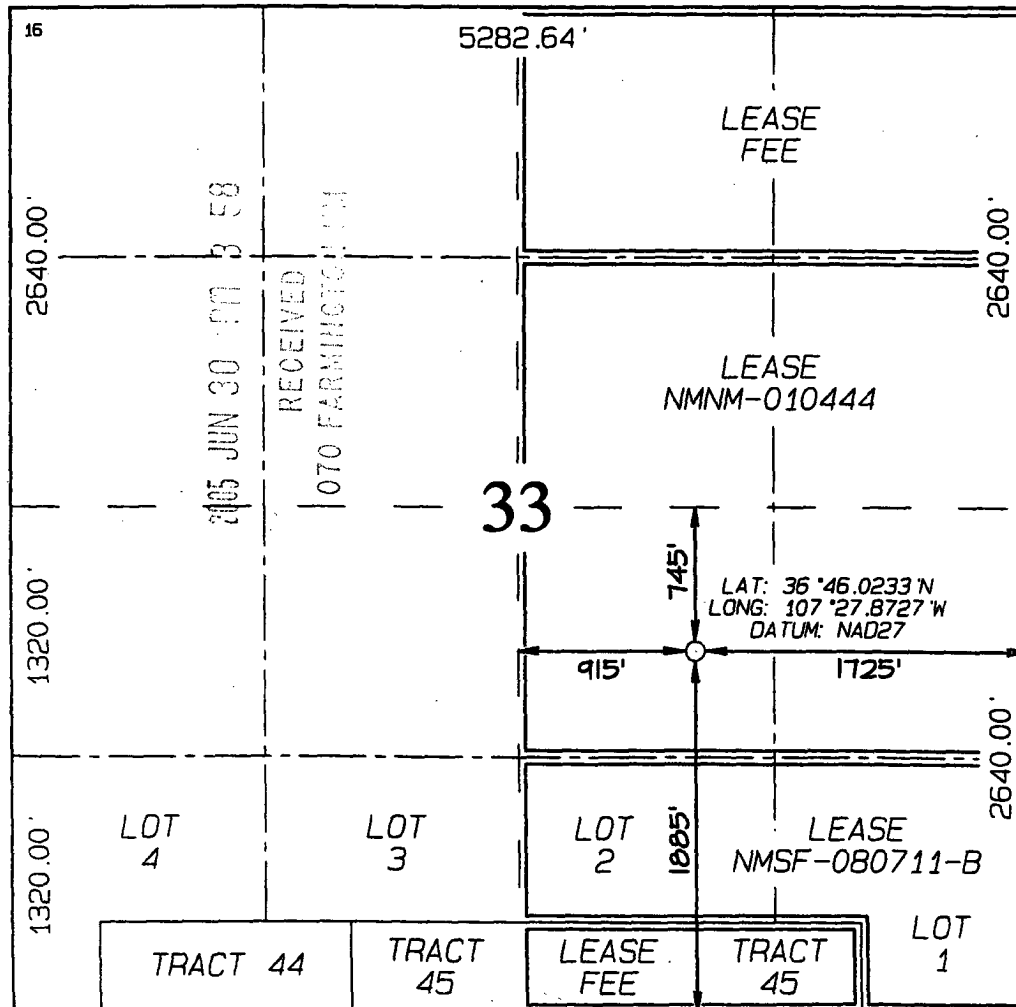
UL or lot no. J	Section 33	Township 30N	Range 6W	Lot Idn	Feet from the 1885	North/South line SOUTH	Feet from the 1725	East/West line EAST	County RIO ARriba
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. J	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 320 E/2	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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



<sup>17</sup> OPERATOR CERTIFICATION

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

*Patsy Clugston*  
Signature

Patsy Clugston

Printed Name

Sr. Regulatory Specialist

Title

2/23/05

Date

<sup>18</sup> 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.

Survey Date: JANUARY 31, 2005

Signature and Seal of Professional Surveyor



*Jason C. Edwards*  
Certificate Number 15269

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

**OIL CONSERVATION DIVISION**

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-039-

29578

5. Indicate Type of Lease

STATE ☐

FEE ☐

☒

6. State Oil & Gas Lease No.

Federal Lease NMNM-010444

7. Lease Name or Unit Agreement Name

San Juan 30-6 Unit

8. Well Number

#494S

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 J

: 1885

feet from the

South

line and

1725

feet from the

East

line

Section 33

Township 30N

Range 6W

NMPM

County

Rio Arriba

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

6351' GR

Pit or Below-grade Tank Application

☒

or Closure

☐

Pit type

New Drill

Depth to Groundwater

>100'

Distance from nearest fresh water well

>1000'

Distance from nearest surface water

>1000'

Pit Liner Thickness:

12

mil

Below-Grade Tank:

Volume

bbls;

Construction Material

**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 COMPL ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

P AND A ☐

CASING/CEMENT JOB ☐

OTHER:

New Drill Pit

☒

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.

New Drill, Lined:

Burlington Resources proposes to construct a new drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit will be a lined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCD office. A portion of the vent/flare pit will be designed to manage fluids and that portion will be lined as per the risk ranking criteria. Burlington Resources anticipates closing these pits according to the Drilling / Workover Pit Closure Procedure dated August 2, 2004 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

*Philana Thompson*

TITLE

Regulatory Associate

DATE

3/1/2005

Type or print name  
For State Use Only

Philana Thompson

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

Telephone No. 505-326-9700

APPROVED BY

*[Signature]*

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. IV

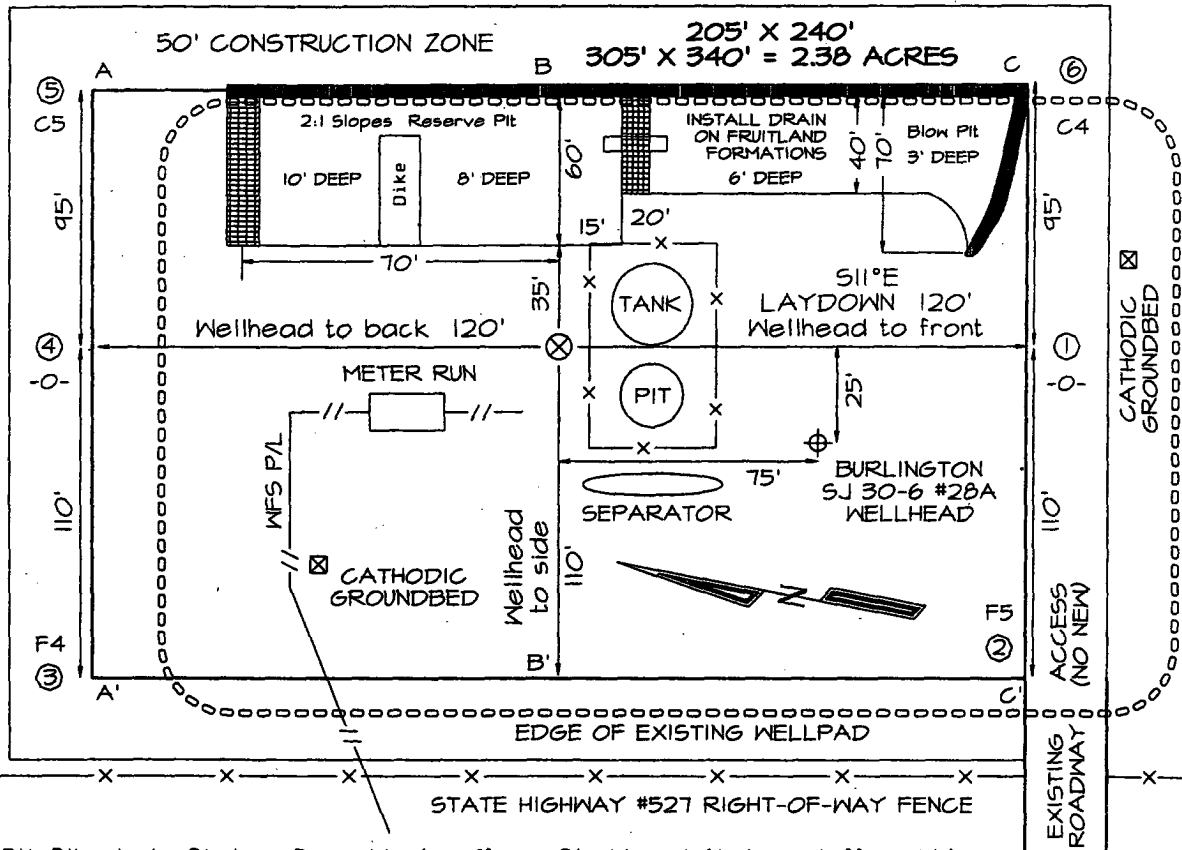
DATE

AUG 31 2005

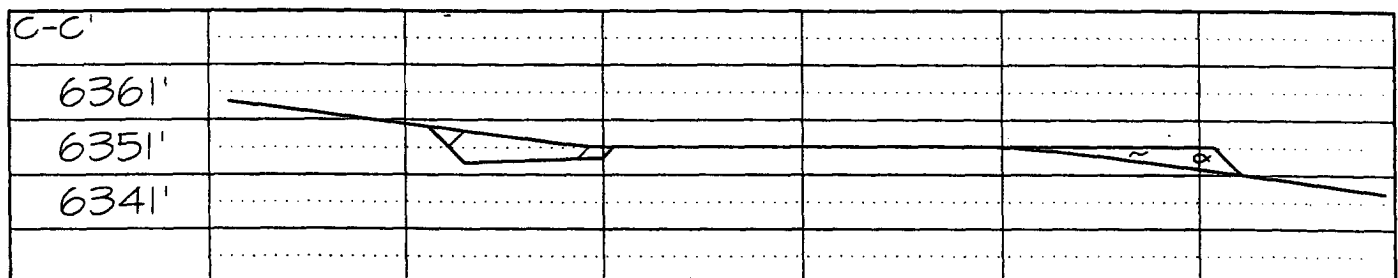
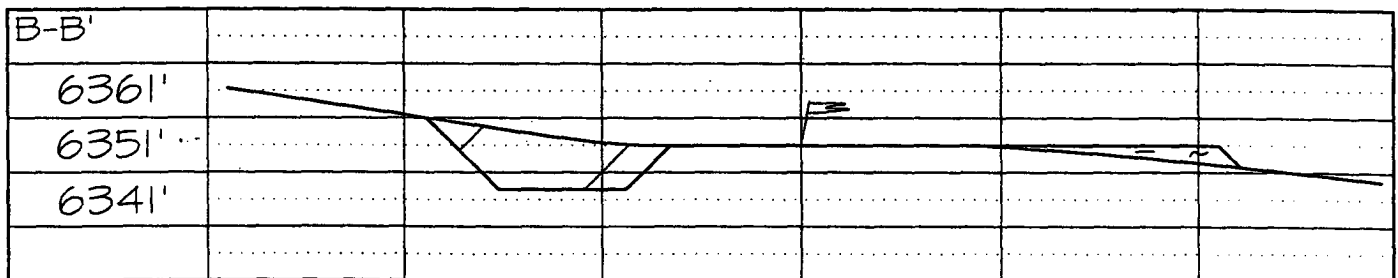
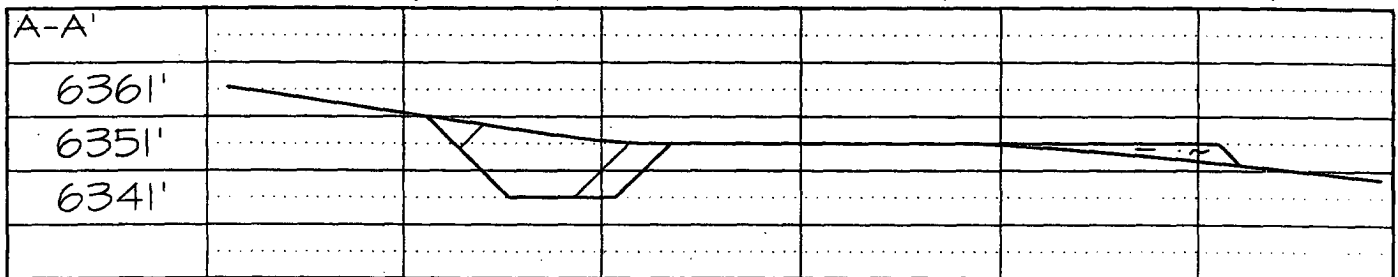
Conditions of Approval (if any):

**BURLINGTON RESOURCES OIL & GAS COMPANY**  
**SAN JUAN 30-6 UNIT #494S, 1885' FSL & 1725' FEL**  
**SECTION 33, T30N, R6W, NMPM, RIO ARriba COUNTY, NM**  
**GROUND ELEVATION: 6351' DATE: JANUARY 31, 2005**

**LATITUDE: 36°46'01"**  
**LONGITUDE: 107°27'52"**  
 DATUM: NAD1927



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: 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:** San Juan 30-6 Unit #494S

**Location:** Unit J (NWSE), 1885' FSL & 1725' FEL, Sec. 33, T30N, R6W  
Rio Arriba County, NM

Latitude 36° 46.0233' N, Longitude 107° 27.8727' W

**Formation:** Basin Fruitland Coal

**Total Depth:** 3348'

Burlington Resources is requesting a sump on this well.

**Logging Program:** See San Juan 30-6 Unit Wells Master Operations Plan

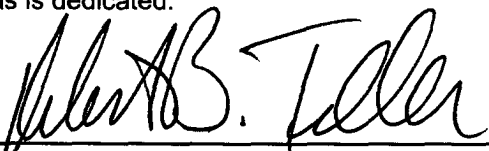
**Mud Program:** See San Juan 30-6 Unit Wells Master Operations Plan

**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' - 3045	7"	20.0#	J-55	680	cu.ft
6 1/4	3025 3348	5 1/2"	15.5#	J-55	uncemented	

**Tubing Program:** See San Juan 30-6 Unit Wells Master Operations Plan

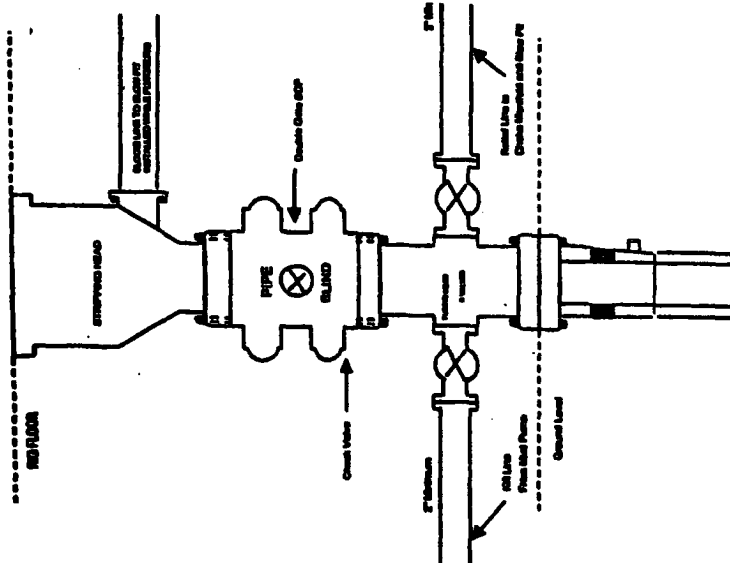
- \* The Fruitland Coal formation will be completed.
- \* The East half of Section 33 is dedicated to the Fruitland Coal formation in this well.
- \* Gas is dedicated.

  
\_\_\_\_\_  
Drilling Engineer

3-7-05  
\_\_\_\_\_  
Date

# BURLINGTON RESOURCES

Completion/Workover Rig  
BOP Configuration  
2,000 psi System

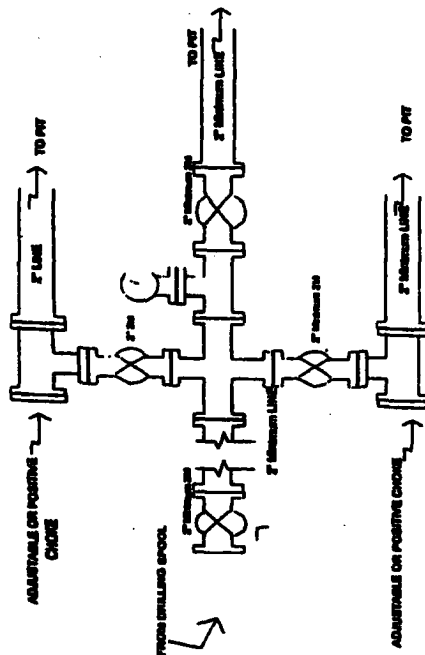


Minimum BOP installation for all Completion/Workover Operations. 7-1/16" bore, 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2000 psi working pressure or greater excluding 500 psi stripping head.

Figure #2

# BURLINGTON RESOURCES

Drilling Rig  
Choke Manifold Configuration  
2000 psi System

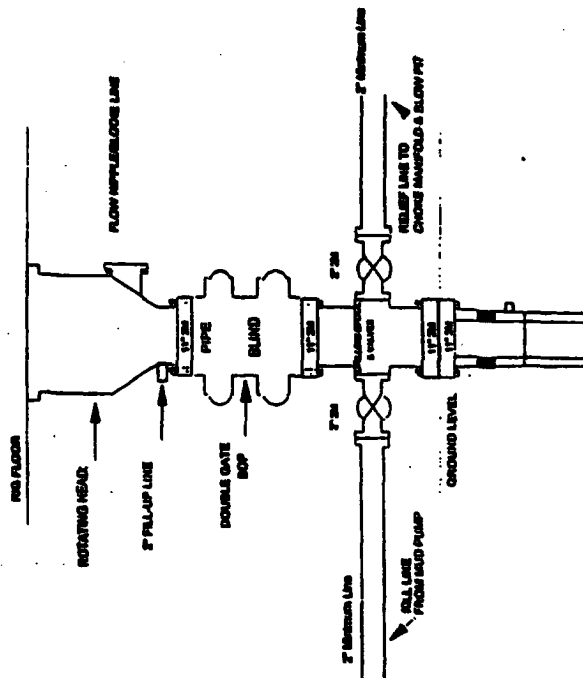


Choke manifold installation from Surface Casing Point to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

# Burlington Resources

Drilling Rig  
2000 psi System



BOP installation from Surface Casing Point to Total Depth. 11" Bore 2000 psi minimum working pressure double gate BOP to be equipped with blind and pipe rams. A stripping head to be installed on the top of the BOP. All BOP equipment is 2,000 psi working pressure.

Figure #1

# **BURLINGTON**

## **RESOURCES**

San Juan Division

August 30, 2005

(Certified Mail - Return Receipt Requested)

Re: San Juan 30-6 Unit #494S  
Basin Fruitland Coal  
1885' FSL & 1725' FEL, Sec. 33, T30N, R6W  
Rio Arriba County, New Mexico



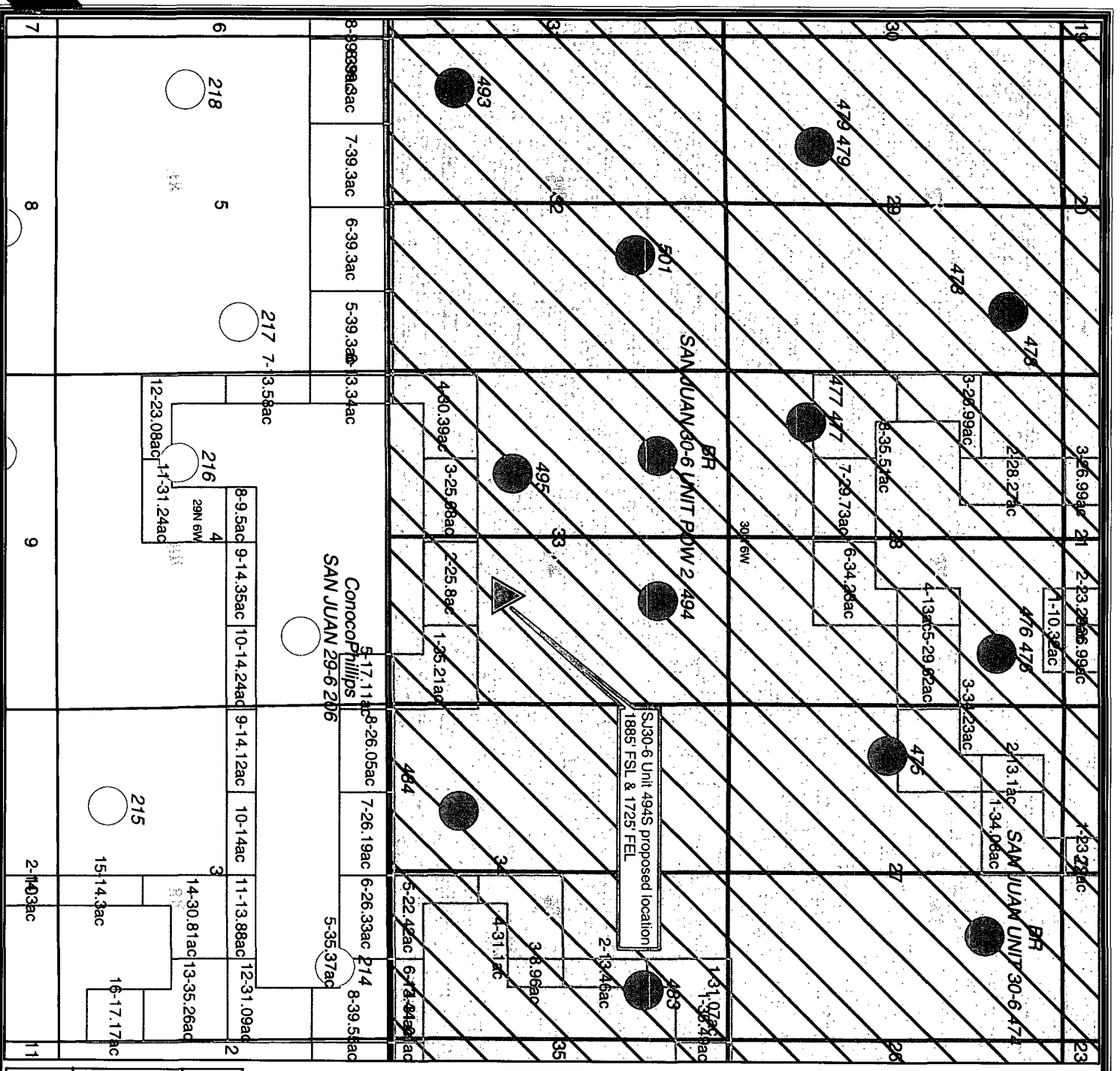
To the Affected Persons:

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,

  
Patsy Clugston  
Senior Regulatory Specialist



P2000 Wells By Formation 3

**Current Operator**

**Fruitland Coal Wells**

**BURLINGTON RESOURCES**

**O&G CO LP**

**CONOCOPHILLIPS COMPANY**

**SJD New Mexico Lots**

**Sections**

**Townships**

**PA- Fruitland Coal**

**FC Drillblock**

**BURLINGTON RESOURCES**



**BURLINGTON RESOURCES**

*San Juan*

**San Juan 30-6 Unit 494S HPA**

Sec 33, T30N, R6W  
Rio Arriba County, NM

Prepared By: **gdm1** Date: **8/31/2005**  
File Number: **8/31/2005**  
File Name: **C:\Data\Public\Projects\30-6 Unit 494S.dgm.mxd**