

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL	5. Lease Number NM-04240 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 Kelly 9. Well Number 2B
4. Location of Well 1030' FSL, 875' FEL Latitude 36° 45.8, Longitude 107° 50.9	10. Field, Pool, Wildcat Blanco Mesaverde 11. Sec., Twn, Rge, Mer. (NMPM) P Sec. 35, T-30-N, R-10-W API # 30-045-30418
14. Distance in Miles from Nearest Town 12.7 miles to Aztec P.O.	12. County San Juan 13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 875'	
16. Acres in Lease <small>This entry is subject to technical and procedural review pursuant to 43 CFR 3105.3 and appeal pursuant to 43 CFR 3105.4.</small>	17. Acres Assigned to Well 320 E/2 317.32
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1023'	
19. Proposed Depth 5272'	20. Rotary or Cable Tools Rotary
21. Elevations (DF, FT, GR, Etc.) 6095' GR	22. Approx. Date Work will Start
23. Proposed Casing and Cementing Program See Operations Plan attached	REMARKS AND COMMENTS ARE SUBJECT TO REVIEW WITH ATTACHED "GENERAL REQUIREMENTS"
24. Authorized by: <u><i>Peggy Cole</i></u> Regulatory/Compliance Supervisor	<u>9-21-00</u> Date

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____

Archaeological Report to be submitted

Threatened and Endangered Species Report to be submitted

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.

UNITED STATES
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BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of 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, Footage, Sec., T, R, M

1030' FSL, 875' FEL, Sec. 35, T-30-N, R-10-W, NMPM

5. Lease Number
NM-04240

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Kelly #2B

9. API Well No.
30-045-30418

10. Field and Pool
Blanco Mesaverde

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input 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 type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to alter the casing depths and cement of the subject well.

Revisions:

Mud Program:

Interval	Type	Weight	Fluid Loss
0-200'	Spud	8.4-9.0	No control
200-3014'	LSND	8.4-9.0	No control
3014-5272' —	Air/Mist	n/a	n/a

Casing Program:

Hole Size	Depth Interval	Casing Size	Weight	Grade
12 1/4"	0-200'	9 5/8"	32.3#	H-40
8 3/4"	0-3014'	7"	20.0#	J-55
6 1/4"	2914-5272' —	4 1/2"	10.5#	J-55

Cementing Program:

9 5/8" surface casing - 159 sx Class "B" cement with 0.25 pps Flocele and 3% calcium chloride (188 cu.ft. of slurry, 200% excess to circulate to surface).

7" intermediate casing - lead w/247 sx 50/50 Class "G"/Trinity Light with 2.5% sodium metasilicate, 2% calcium chloride, 10 pps Gilsonite, 0.5 pps Flocele. Tail with 90 sx Class "G" 50/50 poz w/2% gel, 2% calcium chloride, 5 pps Gilsonite, 0.1% antifoam and 0.25 pps Flocele (907 cu.ft. of slurry, 100% excess to circulate to surface).

7" intermediate casing alternative two stage: Stage collar at 1963'. First stage: cement w/247 sx 50/50 Class "G" poz w/2% gel, 2% calcium chloride, 5 pps Gilsonite, 0.1% antifoam and 0.25 pps Flocele. Second stage: w/229 sx 50/50 Class "G"/Trinity Light with 2.5% sodium metasilicate, 2% calcium chloride, 10 pps Gilsonite, 0.5 pps Flocele (907 cu.ft. of slurry, 100% excess to circulate to surface).

4 1/2" production liner - cement with 235 sx Class "G" 50/50 poz w/4.5% gel, 0.25 pps Flocele, 5 pps Gilsonite, 0.25% fluid loss, 0.1% retardant (339 cu.ft., 50% excess to circulate liner).

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

Signed *Deann Cole* Title Regulatory Supervisor Date 11/8/00
TLW

(This space for Federal or State Office use)

APPROVED BY *Jim Lovato* Title _____ Date _____

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.

NMOCD

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2. Name of Operator

BURLINGTON
RESOURCES OIL & GAS COMPANY

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

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Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection
☒ Other -

13. Describe Proposed or Completed Operations

The dedicated acreage for the subject well has been changed from E/320 to E/317.32. Attached is the revised C-102 plat.



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

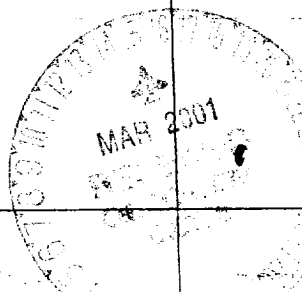
Signed Reggie Cole Title Regulatory Supervisor Date 11/1/00
TLW

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

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<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; text-align: center; line-height: 100px;"> 15 </div>	<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; text-align: center; line-height: 100px;"> 17 </div>	<h2 style="text-align: center; margin: 0;">OPERATOR CERTIFICATION</h2> <p style="font-size: small; margin: 5px 0;">I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;">  </div> <div style="width: 35%;"> <p style="font-size: x-large; font-family: cursive; margin: 0;">Peggy Cole</p> <p style="font-size: small; margin: 0;">Signature</p> <p style="margin: 0;">Peggy Cole</p> <p style="font-size: small; margin: 0;">Printed Name</p> <p style="margin: 0;">Regulatory Supervisor</p> <p style="font-size: small; margin: 0;">Title</p> <p style="font-size: x-large; margin: 0;">11-1-00</p> <p style="font-size: small; margin: 0;">Date</p> </div> </div> </div>
<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; text-align: center; line-height: 100px;"> 35 </div>	<div style="border: 1px solid black; width: 100px; height: 100px; margin: 0 auto; text-align: center; line-height: 100px;"> 18 </div>	<h2 style="text-align: center; margin: 0;">SURVEYOR CERTIFICATION</h2> <p style="font-size: small; margin: 5px 0;">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.</p> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p style="font-size: x-large; margin: 0;">8-24-00</p> <p style="font-size: small; margin: 0;">Date of Survey</p> <p style="margin: 0;">ROY A. RUSH</p> <p style="font-size: small; margin: 0;">Signature and Seal of Professional Surveyor</p> <p style="font-size: x-large; margin: 0;">8894</p> <p style="font-size: small; margin: 0;">REGISTERED PROFESSIONAL SURVEYOR</p> <p style="font-size: x-large; margin: 0;">8894</p> <p style="font-size: small; margin: 0;">Certificate Number</p> </div> <div style="width: 35%;"> <p style="font-size: small; margin: 0;">N 0-05-19 E 2639.6' (M)</p> <p style="margin: 0;">LAT. = 36°45.8' N LONG. = 107°50.9' W</p> <p style="font-size: small; margin: 0;">FD. BLM BC 1967</p> </div> </div> </div>

BURLINGTON OIL AND GAS, INC.

KELLY No.2B

SE/4 SEC. 35, T-30-N, R-10-W, N.M.P.M.,

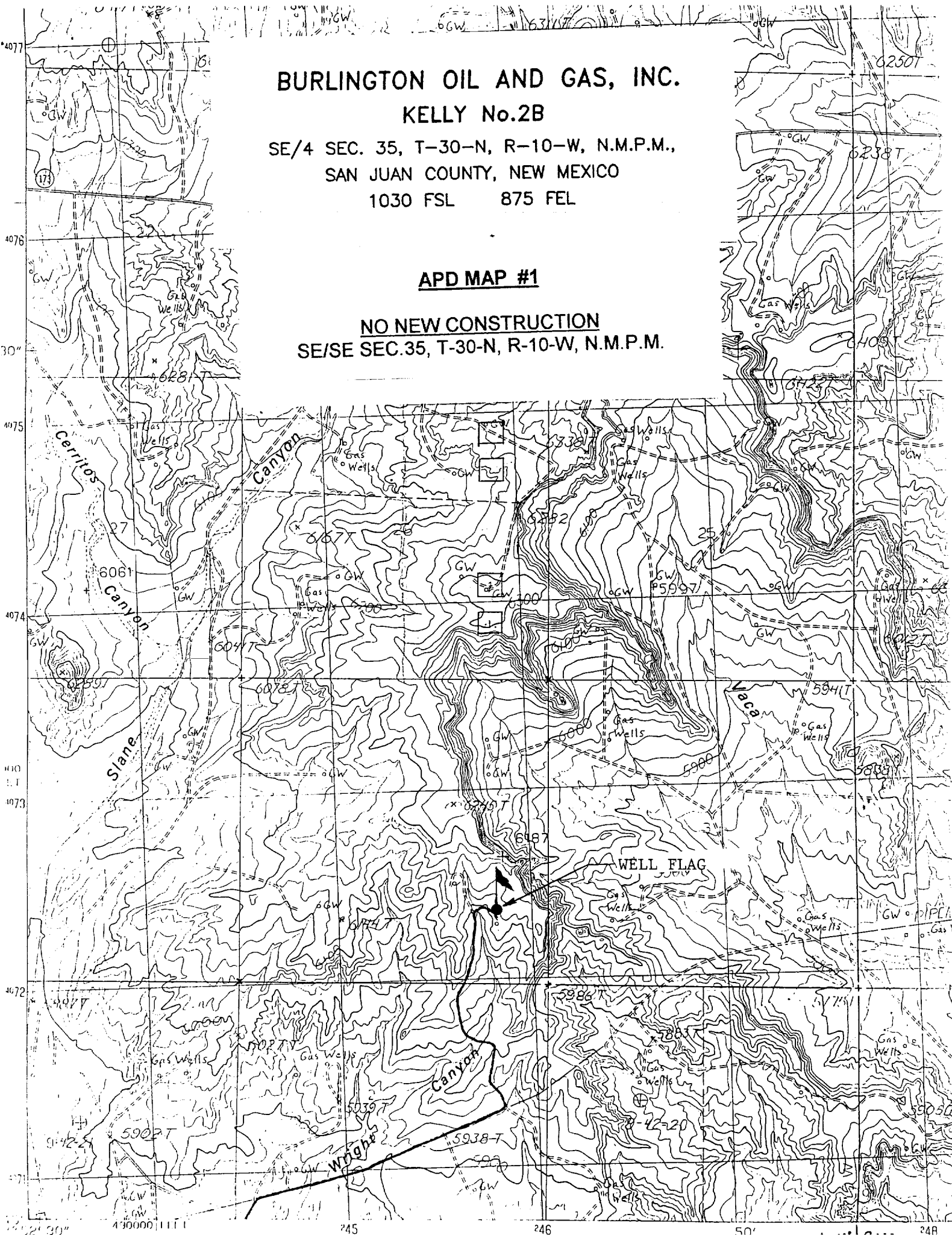
SAN JUAN COUNTY, NEW MEXICO

1030 FSL 875 FEL

APD MAP #1

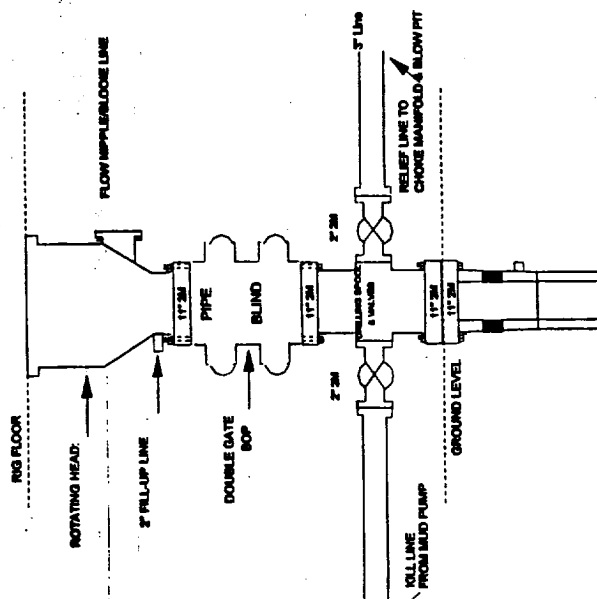
NO NEW CONSTRUCTION

SE/SE SEC.35, T-30-N, R-10-W, N.M.P.M.



Drilling Rig

2000 psi System



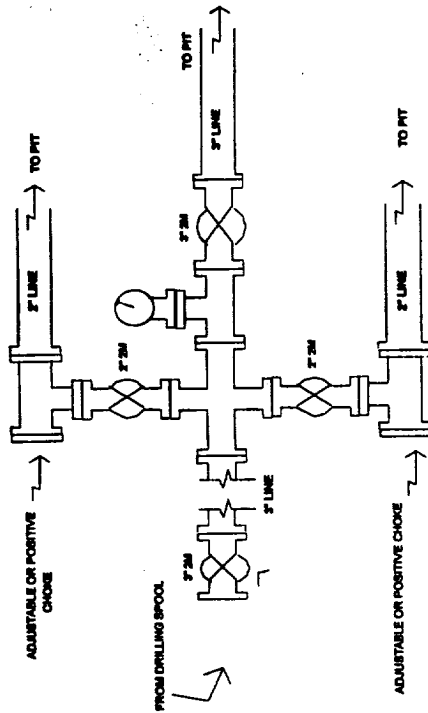
BOP Installation from Surface Casing Point to Total Depth. 11" Bore 10" Nominal. 2000 psi working pressure double gate BOP to be equipped with blind rams and pipe rams. A rotating head on top of ram preventers. All BOP equipment is 2,000 psi working pressure

Figure #1

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.

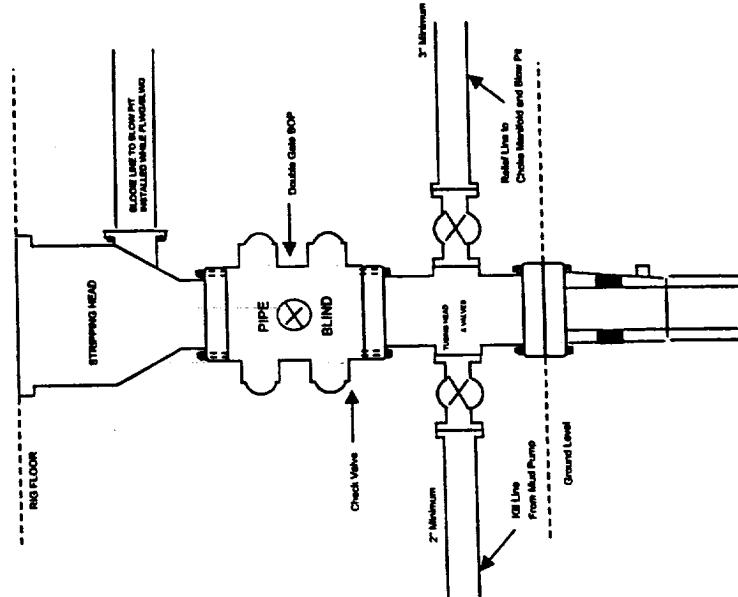
Figure #3

BURLINGTON RESOURCES

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 equipment is 2000 psi working pressure or greater.

Figure #2