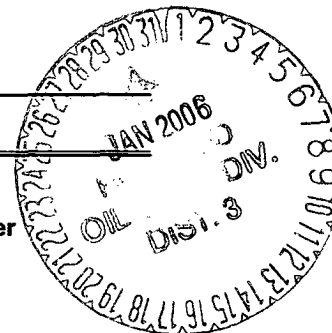


UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK



1a. Type of Work DRILL	2005 FEB 1 AM 11 58 RECEIVED 070 FARMINGTON NM	5. Lease Number SF-079732 Unit Reporting Number
1b. Type of Well GAS		6. If Indian, All. or Tribe
2. Operator BURLINGTON RESOURCES Oil & Gas Company	14538	7. Unit Agreement Name San Juan 28-4 Unit
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700		8. Farm or Lease Name San Juan 28-4 Unit 7459 9. Well Number #30N
4. Location of Well 2480' FSL, 1060' FEL Latitude 36° 36.9358'N, Longitude 107° 17.1712'W		10. Field, Pool, Wildcat 723/9 Blanco MV/Basin DK 71599 11 Sec., Twn, Rge, Mer. (NMPM) 1 Sec. 31, T28N, R04W API # 30-039- 29433
14. Distance in Miles from Nearest Town 12 miles from Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 1060'		
16. Acres in Lease	17. Acres Assigned to Well S/2 DK - 220 acres E/2 MV - 320 acres	319.82
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200'		
19. Proposed Depth 8554'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 7196' 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 Specialist		<u>1/25/05</u> Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3166.7

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

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

2005 FEB 1 AM 11 58

WELL LOCATION AND ACRES DEDICATION PLAT

*API Number 30-039-29433		*Pool Code 71599 / 72319	*Well Name 070 FARMINGTON NM Basin Dakota and Blanco Mesaverde
*Property Code 7459	*Property Name SAN JUAN 28-4 UNIT		*Well Number 30N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY, LP		*Elevation 7196'

10 Surface Location

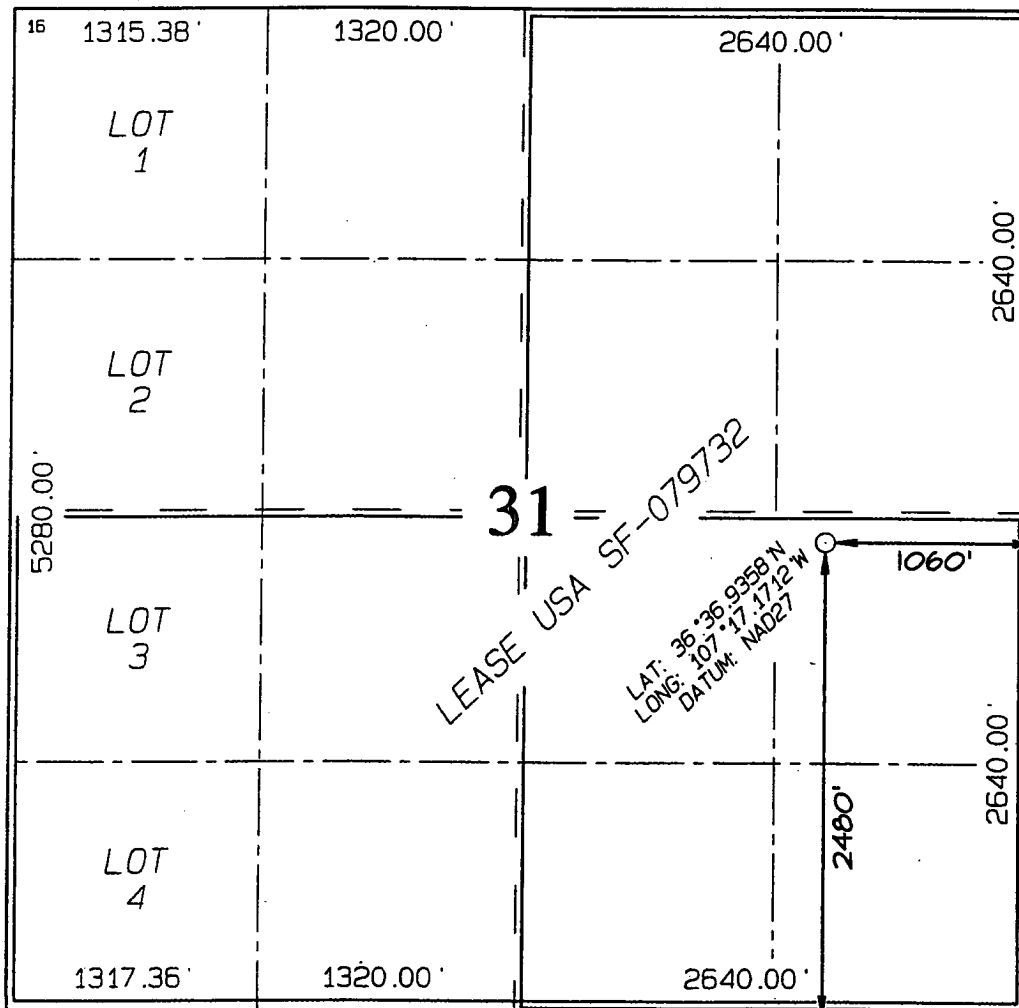
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	28N	4W		2480	SOUTH	1060	EAST	RIO ARriba

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
I									

12 Dedicated Acres DK - 320 S/2 MV - 320 E/2		31982.512	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



17 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

8-20-04
Date

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: JULY 26, 2004

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

Energy, Minerals and Natural Resources

May 27, 2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO. 30-039-29433	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. SF-079732	
7. Lease Name or Unit Agreement Name San Juan 28-4 Unit	
8. Well Number 30N	
9. OGRID Number 14538	
10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota	

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 **I** : **2480** feet from the **South** line and **1060** feet from the **East** line
Section **31** Township **28N** Range **4W** NMPM County **Rio Arriba**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
7196'

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 **1200/1000'** 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 ☐

OTHER: **New Drill Pit** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/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 drilling pit and an associated vent/flare pit. Based on Burlington's interpretation of the Ecosphere's risk ranking criteria, the new drilling pit and vent/flare pit will be an unlined pit as detailed in Burlington's Revised Drilling / Workover Pit Construction / Operation Procedures dated November 11, 2004 on file at the NMOCDD office. A portion of the vent/flare pit will be designed to manage fluids, and that portion will be unlined, 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 that the

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 NMOCDD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Joni Clark TITLE Regulatory Specialist DATE 1/25/2005

Type or print name Joni Clark E-mail address: tjones3@br-inc.com Telephone No. 505-326-9700
For State Use Only

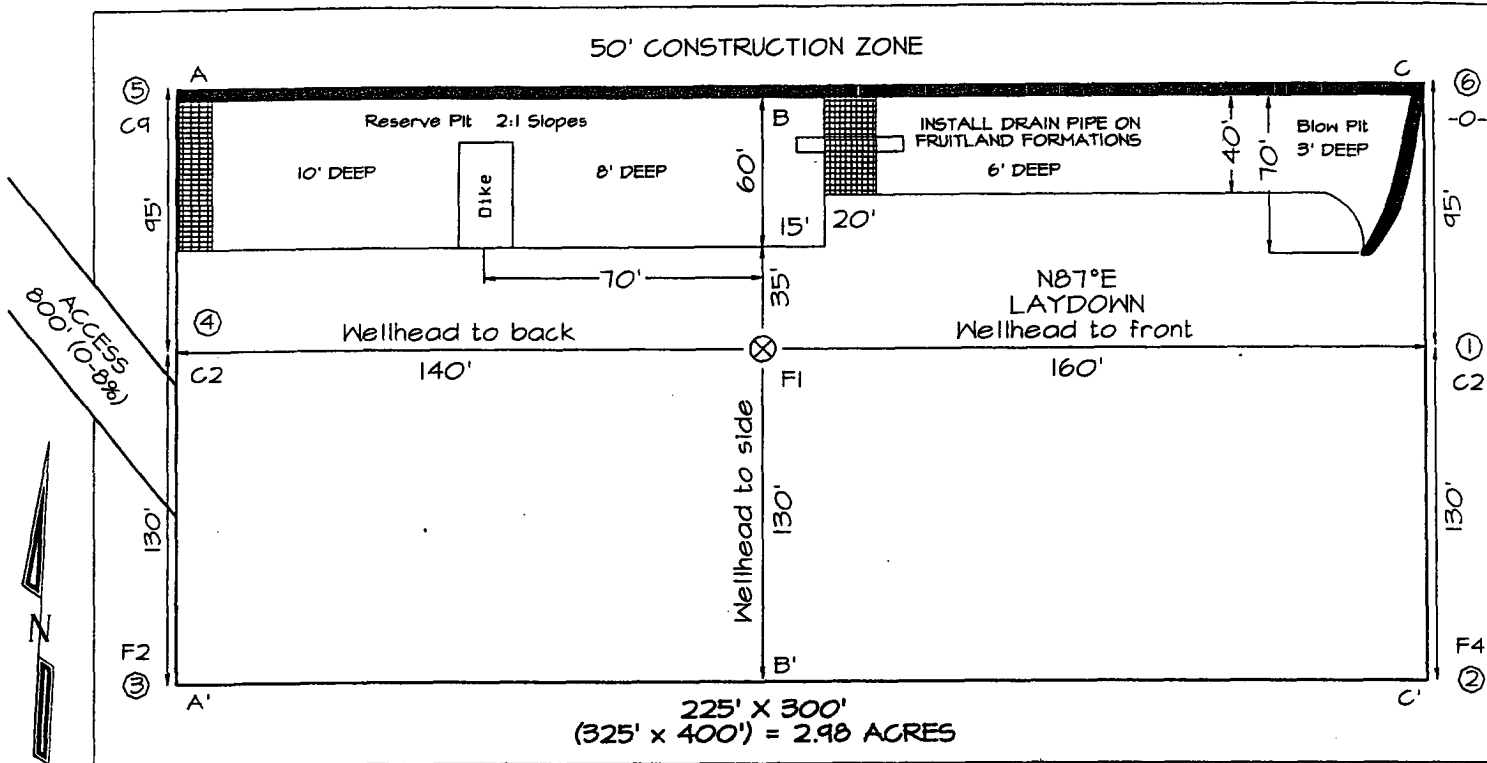
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. # DATE JAN 30 2006

Conditions of Approval (if any):

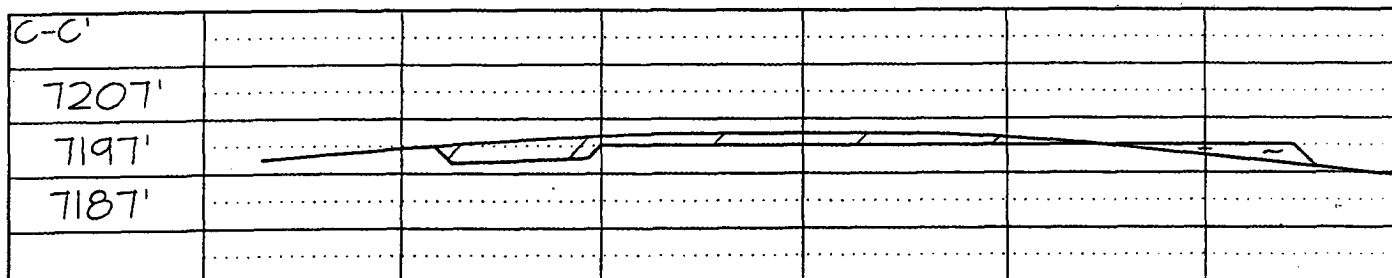
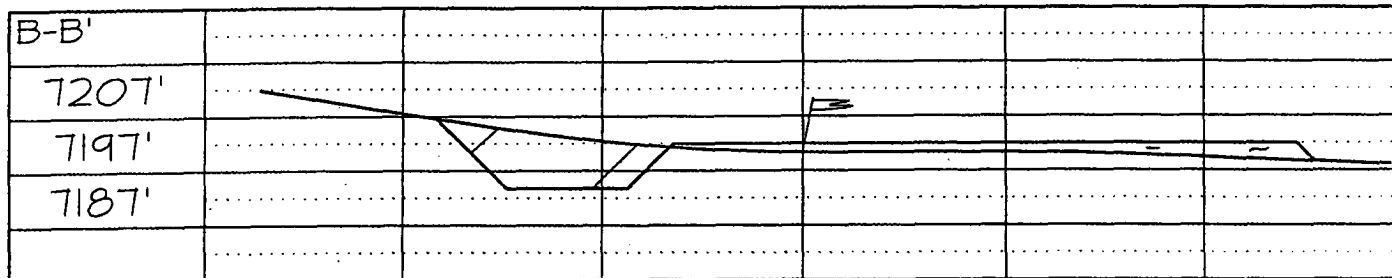
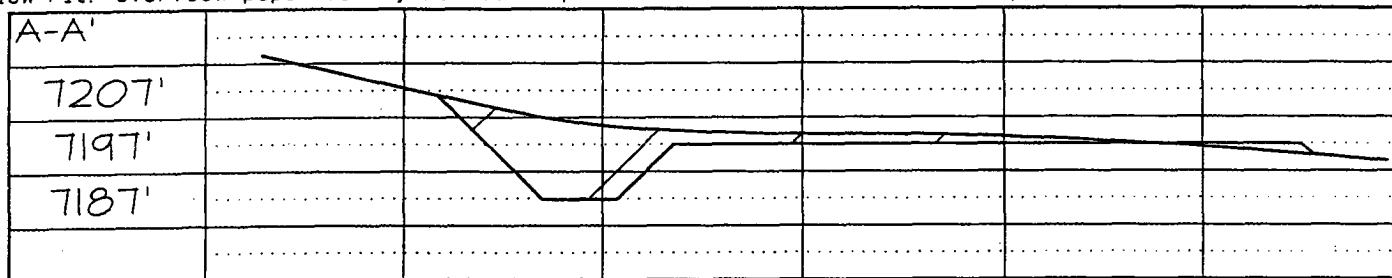
PLAT #

BURLINGTON RESOURCES OIL & GAS COMPANY, LP
 SAN JUAN 28-4 UNIT #30N, 2480' FSL & 1060' FEL
 SECTION 31, T28N, R4W, NMPM, RIO ARriba COUNTY, NM
 GROUND ELEVATION: 7196' DATE: JULY 26, 2004

LATITUDE: 36°36'56"
 LONGITUDE: 107°17'10"
 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 28-4 Unit #30N

Location: NE/SE/4, 2480' FSL & 1060' FEL, Sec. 31, T28N, R4W
Rio Arriba County, NM

Latitude 36° 36.9358 'N, Longitude 107° 17.1712 'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 8554'

Logging Program: See San Juan 28-4 Unit Master Operations Plan

Mud Program: See San Juan 28-4 Unit Master Operations Plan

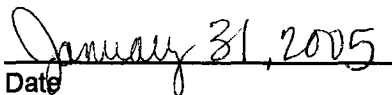
Casing Program (as listed, the equivalent, or better):

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' -	4280	7"	20/23#	J-55	959 cu.ft
6 1/4	0' -	8554	4.5"	10.5/11.6#	J-55/N-80	582 cu.ft

Tubing Program: See San Juan 28-4 Unit Master Operations Plan

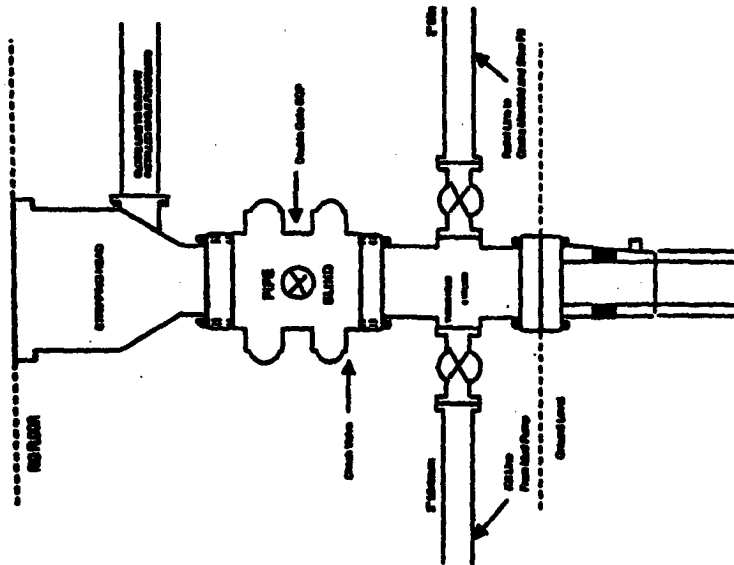
- * The Mesaverde and Dakota formations will be completed and commingled.
- * The east half of Section 31 is dedicated to the Mesaverde and the south half of Section 31 is dedicated to the Dakota formation.
- * Gas is dedicated.


Drilling Engineer


Date

*Assumption
Lewis 100

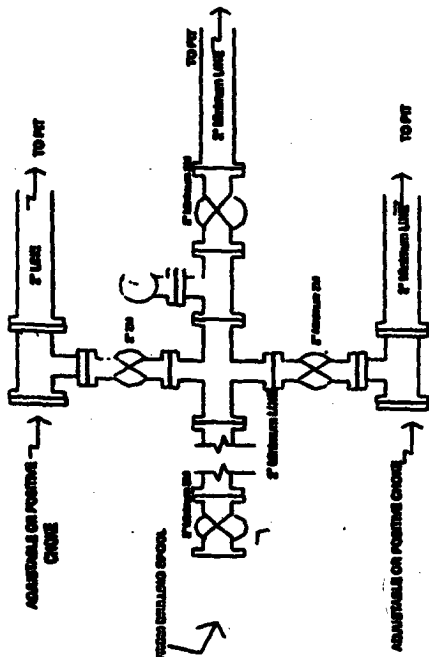
Completion/Workover Rig
BOP Configuration
2,000 psi System



Minimum BOP installation for all Completion/Workover Operations. 7-1/4" 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

Drilling Rig
Choke Manifold Configuration
2000 psi System

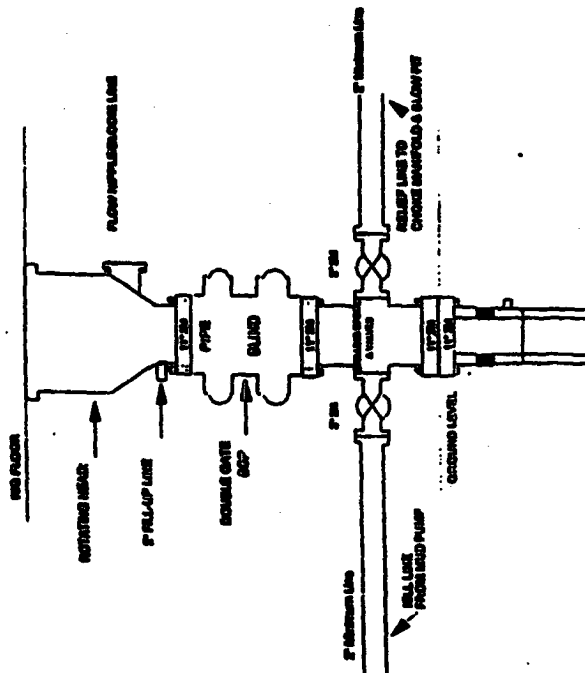


Choke manifold installation from Surface Casing Port to Total Depth. 2,000psi working pressure equipment with two chokes.

Figure #3

4-20-01

Drilling Rig
2000 psi System



BOP installation from Surface Casing Port to Total Depth. 11\"/>

4-20-01

Figure #4