

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

2005 FEB 10 PM 1 55

1a. Type of Work
DRILL

5. Lease Number
SF-080430-A
Unit Reporting Number

RECEIVED
070 FARMINGTON NM

1b. Type of Well
GAS

6. If Indian, All. or Tribe

2. Operator
BURLINGTON
RESOURCES Oil & Gas Company

7. Unit Agreement Name

San Juan 28-6 Unit

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

8. Farm or Lease Name
San Juan 28-6 Unit

9. Well Number
#210P

4. Location of Well
1845' FSL, 2015' FWL

10. Field, Pool, Wildcat
Blanco Mesaverde/Basin Dakota

Latitude 36° 36.9166'N, Longitude 107° 30.5026'W

11. Sec., Twn, Rge, Mer. (NMPM)
K Sec. 31, T28N, R06W

API # 30-039-29458

14. Distance in Miles from Nearest Town
34.2 miles to Blanco, NM Post Office

12. County
Rio Arriba ✓

13. State
NM

15. Distance from Proposed Location to Nearest Property or Lease Line
1845'

16. Acres in Lease

17. Acres Assigned to Well

268.99 W/2 - MV
334.79 - OK S/2SW/4 Sec. 30, NW Sec. 31
R-2948

18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease
1671'

19. Proposed Depth
7670'

20. Rotary or Cable Tools
Rotary

21. Elevations (DF, FT, GR, Etc.)
6477' GR

22. Approx. Date Work will Start

23. Proposed Casing and Cementing Program
See Operations Plan attached

24. Authorized by: Philana Thompson
Regulatory Specialist

2/8/05
Date

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 3-17-05

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

NMOC

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

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-29458	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde Basin-Dakota
⁴ Property Code 7462	⁵ Property Name SAN JUAN 28-6 UNIT	⁶ Well Number 210P
⁷ OGRIID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL AND GAS COMPANY LP	⁹ Elevation 6477'

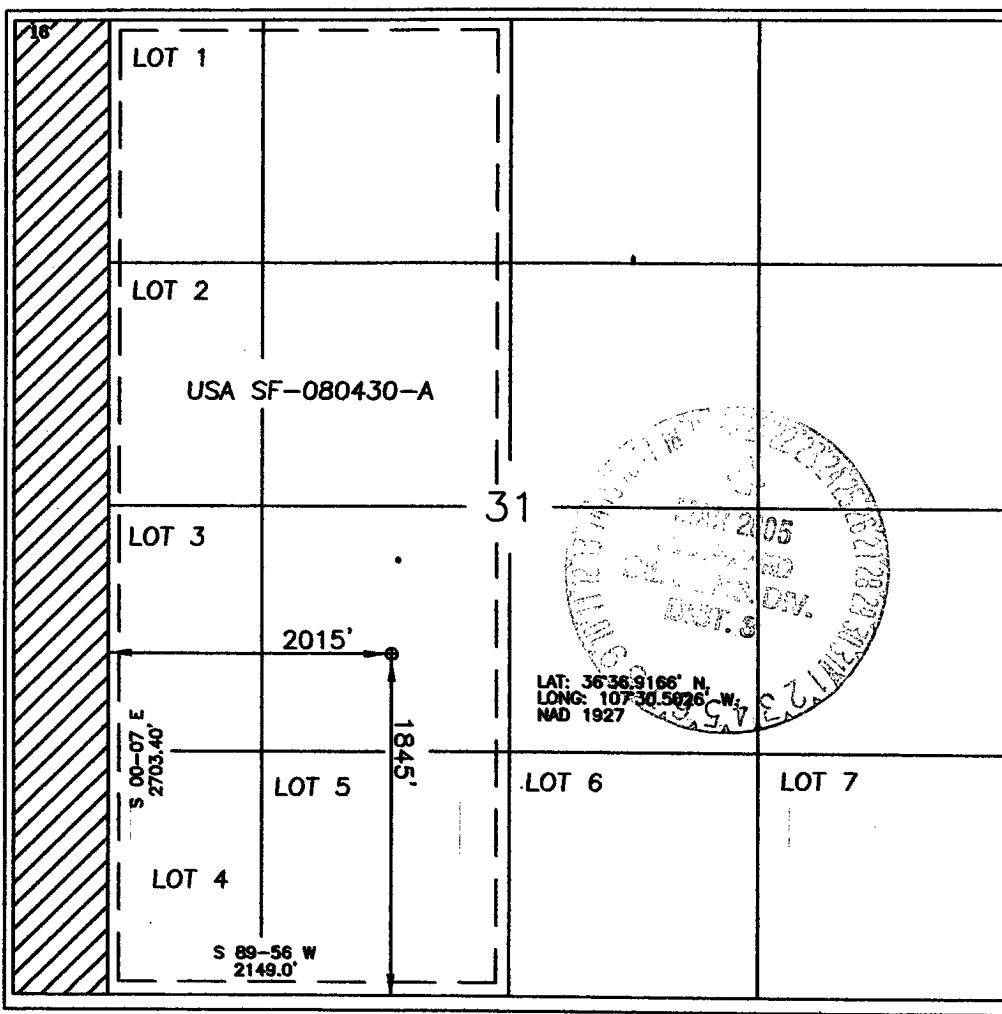
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	28-N	6-W		1845'	SOUTH	2015'	WEST	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
¹² Dedicated Acres DK 334.79 AC MB W/2 268.99 ac					¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No. DKR-2948-5/2, SW 1/4 Sec 30 NW Sec 31

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 LOT 1
	LOT 2 USA SF-080430-A
	LOT 3
	LOT 4 S 89-56 W 2149.0'
	LOT 5
	LOT 6
	LOT 7

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

Regulatory Specialist

Title

Date 2-3-05

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 12-2-04

Signature and Seal of Professional Surveyor: Glen W. Russell

Certificate Number 15703

Office

Energy, Minerals and Natural Resources

May 27, 2004

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.	30-045-
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	SF-080430-A
7. Lease Name or Unit Agreement Name	San Juan 28-6 Unit
8. Well Number	210P
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 K : 1845 feet from the South line and 2015 feet from the West line
 Section 31 Township 28N Range 6W NMPM County Rio Arriba, NM

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

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: 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 ☐

OTHER: New Drill ☒

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 NMOCD 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 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 Joni Clark TITLE Sr. Regulatory Specialist DATE 2/3/2005

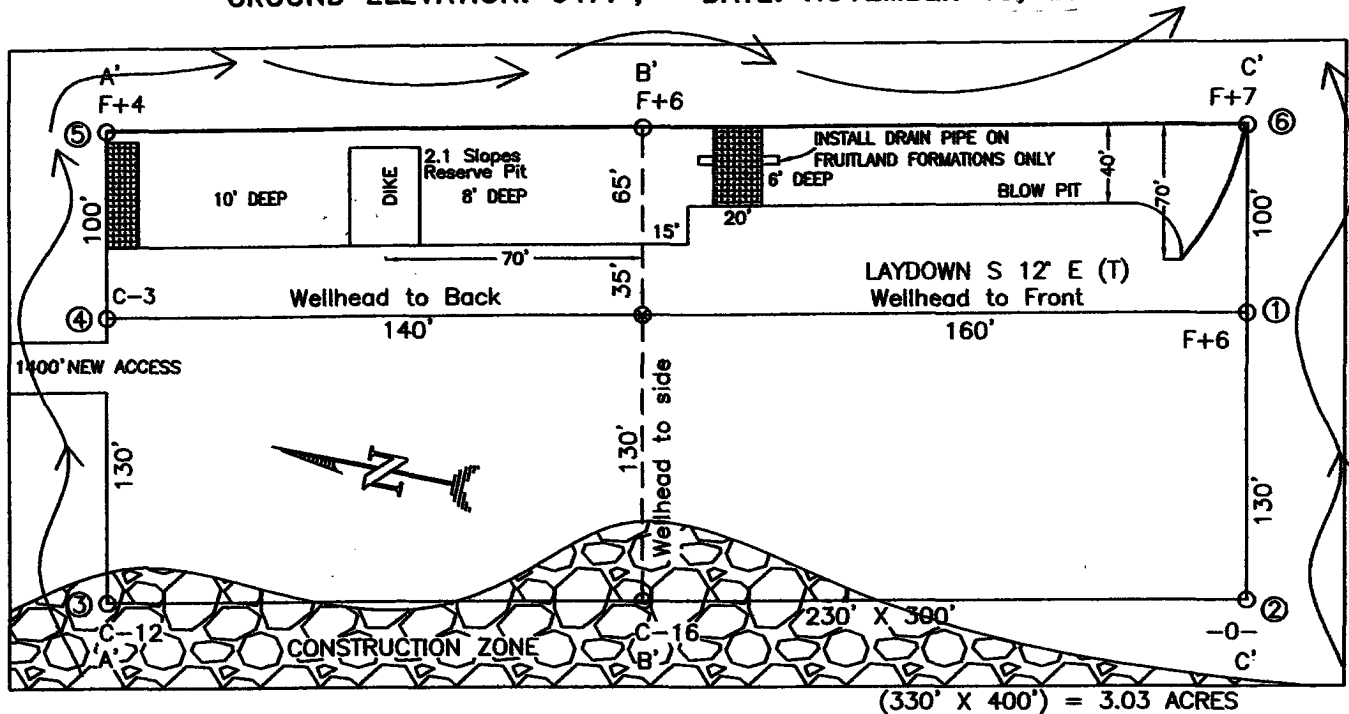
Type or print name Joni Clark E-mail address: jclark@br-inc.com Telephone No. 326-9700

For State Use Only

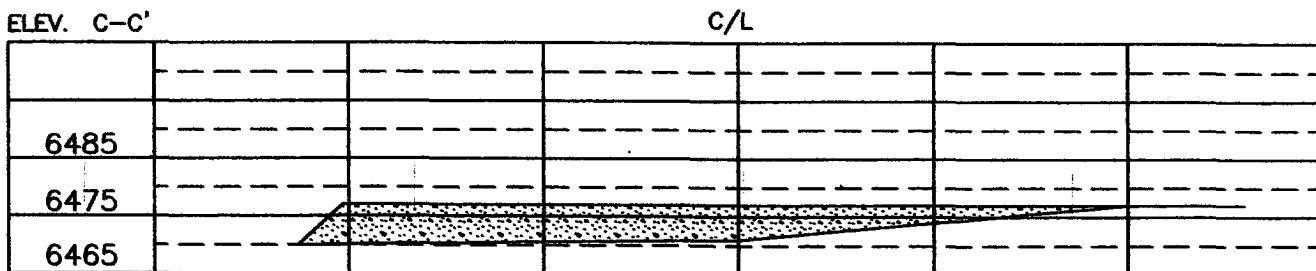
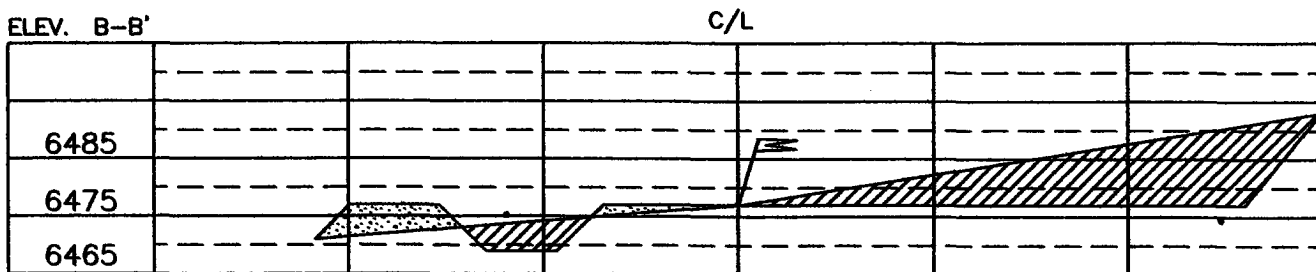
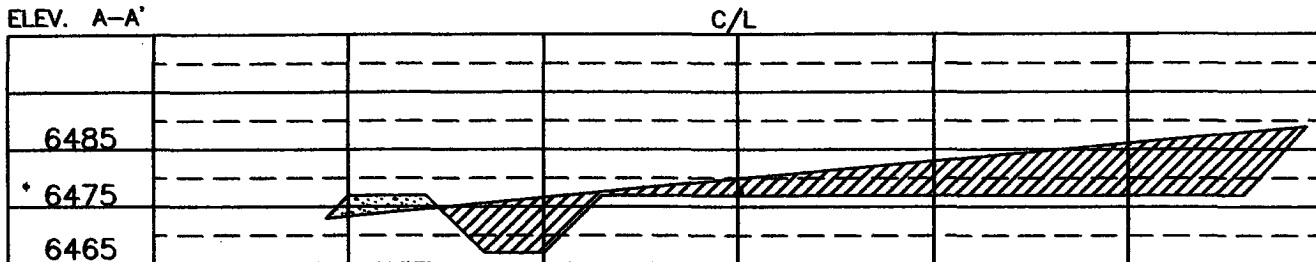
APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. # DATE MAR 21 2005

Conditions of Approval (if any):

BURLINGTON RESOURCES OIL & GAS COMPANY LP
SAN JUAN 28-6 UNIT #210P, 1845' FSL & 2015' FWL
SECTION 31, T-28-N, R-6-W, NMPM, RIO ARriba COUNTY, NM
GROUND ELEVATION: 6477', DATE: NOVEMBER 15, 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.

OPERATIONS PLAN

Well Name: San Juan 28-6 Unit #210P

Location: 1845' FSL, 2015' FWL, Sec 31, T-28-N, R-6-W
Rio Arriba County, NM

Latitude 36° 36.9166'N, Longitude 107° 30.5026'W

Formation: Blanco Mesaverde/Basin Dakota

Total Depth: 7670'

Logging Program: See San Juan 28-6 Unit Master Operations Plan

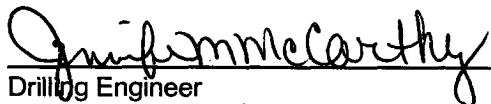
Mud Program: See San Juan 28-6 Unit Master Operations Plan

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

Hole Size	Depth Interval	Csg	Wt.	Grade	Cement	
12 1/4	0' -	300	9.625"	32.3#	H-40	282 cu.ft
8 3/4	0' -	3466	7"	20.0#	J-55	766 cu.ft
6 1/4	0' -	7670	4.5"	10.5#	J-55	572 cu.ft

Tubing Program: See San Juan 28-6 Unit Master Operations Plan

- * The Mesaverde and Dakota formations will be completed and commingled.
- * The west half of Section 31 is dedicated to the Mesaverde and the Dakota formation in this well.
- * Gas is dedicated.

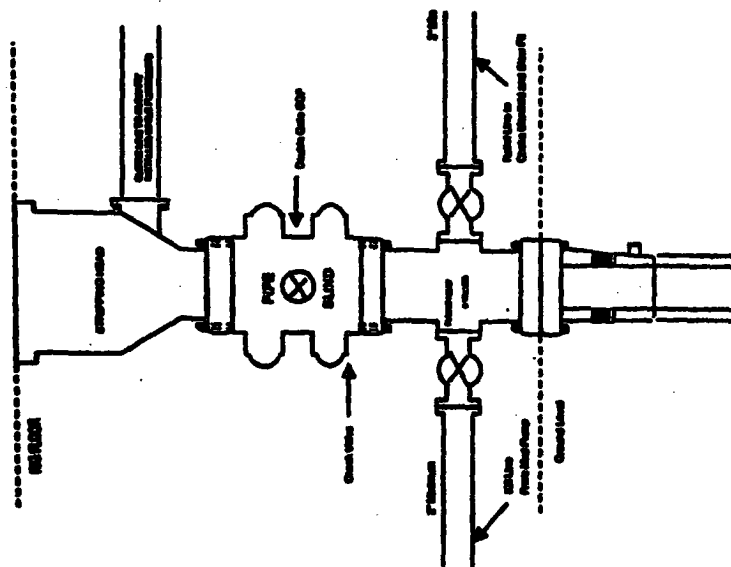

Drilling Engineer

2-9-05
Date

*Assumption

Lewis 100

**Completion/Workover Rig
BOP Configuration
2,000 psi System**

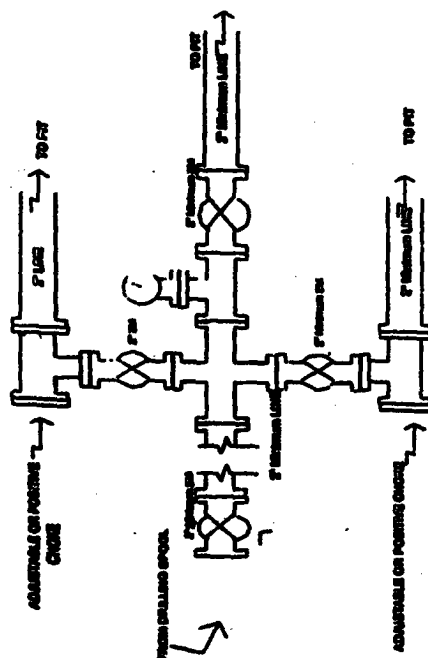


Minimum SGP insulation for all CompositesWerker Operations. 7-1/4" bats, 2000 psi minimum working pressure double gate SGP to be equipped with blind and pipe bats. A stopping head to be installed on the top of the SGP. All SGP equipment is 2000 psi working pressure or greater excluding 500 psi stopping head.

Figure #2

4-20-01

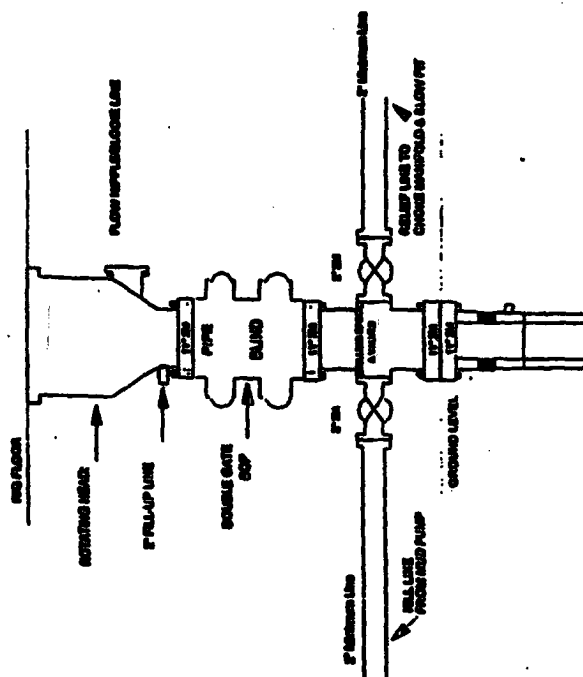
**Drilling Rig
Choke Manifold Configuration
2000 psi System**



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

Figure #3

4-20-01



BCP Installation from Surface Casing Point to Total Depth. 11" Bore 10" Nominal. 2000 psi working pressure double gate BCP to be equipped with blind flange and J-box runner. A 500 psi coating based on top of man preventers. All BCP equipment is 2,000 psi working pressure

Figure #1