



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

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

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

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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number' 36-039-29759	'Pool Code' 72319	'Pool Name' BLANCO MESAVERDE
'Property Code' 31325 ✓	'Property Name' SAN JUAN 29-5 UNIT ✓	'Well Number' 61A ✓
'OGRID No.' 217817 ✓	'Operator Name' CONOCOPHILLIPS COMPANY ✓	'Elevation' 6773' ✓

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	9	29N	5W		1100	SOUTH	2600	EAST	RIO ARRIBA

<sup>11</sup>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
<sup>12</sup> Dedicated Acres 320.0 Acres - E/2					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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

16

5287.92'

LEASE  
SF-080179

5280.00'

9

LEASE  
SF-078642  
560 acres

5280.00'

2642.64'

2600'

1100'

LAT: 36°44.1523' N  
LONG: 107°21.7177' W  
DATUM: NAD27

RECEIVED  
076 FALCONER RD  
MILWAUKEE, WI 53212

2006 JUN 18 PM 12 21

17 OPERATOR CERTIFICATION

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

*Virgil E. Chavez*

Signature  
Virgil E. Chavez

Printed Name  
Projects & Operations Lead

Title  
*December 27, 2005*

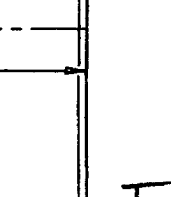
Date

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: JUNE 21, 2005.

Signature and Seal of Professional Surveyor



*JASON C. EDWARDS*

Certificate Number 15269

Submit 3 Copies To Appropriate District  
Office  
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

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-039-29759</b>	
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name SAN JUAN 29-5 UNIT	
8. Well Number	61A
9. OGRID Number	217817
10. Pool name or Wildcat BLANCO MESAVERDE	

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator ConocoPhillips Company	
3. Address of Operator 4001 Penbrook, Odessa, TX 79762	
4. Well Location Unit Letter <u>O</u> <u>1100</u> feet from the <u>SOUTH</u> line and <u>2600</u> feet from the <u>EAST</u> line Section <u>9</u> Township <u>29N</u> Range <u>5W</u> NMPM <u>RIO ARRIBA</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <u>6773'</u> GL	

Pit or Below-grade Tank Application <input checked="" type="checkbox"/> Closure <input type="checkbox"/>	
Pit type <u>DRILL</u>	Depth to Groundwater <u>60'</u> <u>770' &lt; 100'</u>
Distance from nearest fresh water well <u>2.3 MILES</u> <u>7100'</u>	
Distance from nearest surface water <u>480'</u> <u>&gt; 200' &lt; 1000'</u>	
Liner Thickness: <u>12</u> mil	Below-Grade Tank: Volume <u>4400</u> bbls; Construction Material <u>SYNTHETIC</u>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

The pit will be constructed and closed in accordance with Rule 50 and as per COPC June 2005 General Pit Plan on file with the NMOCD. See the attached diagram that details the location of the pit in reference to the proposed wellhead. The drill pit will be lined. The drill pit will be closed after the well has been completed

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 Peggy James TITLE Sr. Associate DATE 01/16/2006

Type or print name E-mail address peggy.s.james@conocophillips.com Telephone No.: (432)368-1230

For State Use Only

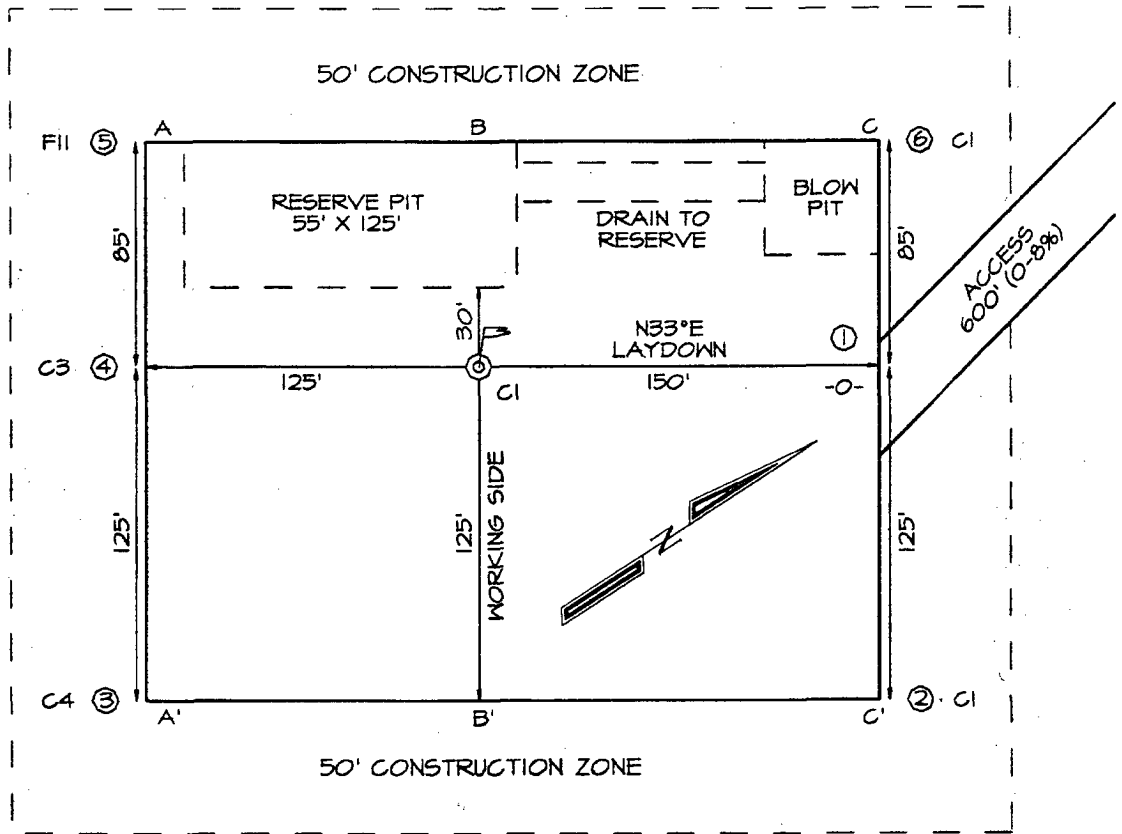
APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. IV DATE FEB 27 2006  
Conditions of Approval (if any):

**CONOCOPHILLIPS COMPANY SAN JUAN 29-5 UNIT #61A**  
**1100' FSL & 2600' FEL, SECTION 9, T29N, R5W, NMPM**  
**RIO ARriba COUNTY, NEW MEXICO ELEVATION: 6773'**

**LATITUDE: 36.73587° N**  
**LONGITUDE: 107.36196° W**  
 DATUM: NAD1927

PLAT NOTE:

\*SURFACE OWNER\*  
 Bureau of Land  
 Management



A-A'						
6782'						
6772'						
6762'						

B-B'						
6782'						
6772'						
6762'						

C-C'						
6782'						
6772'						
6762'						

# PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

SAN JUAN 29-5 61A

Lease:		AFE #:		AFE \$:	
Field Name: 29-5		Rig:	State: NM	County: RIO ARRIBA	API #:
Geoscientist: Glaser, Terry J		Phone: (832)486-2332	Prod. Engineer: Moody, Craig E.		Phone: (281) 293 - 6559
Res. Engineer: Johnson, Tom B.		Phone: (832)-486-2347	Proj. Field Lead: Fransen, Eric E.		Phone:
<b>Primary Objective (Zones):</b>					
Zone	Zone Name				
R20002	MESAVERDE(R20002)				

<b>Location: Surface</b>					<b>Straight Hole</b>	
Latitude: 36.74	Longitude: -107.36	X:	Y:	Section: 9	Range: 5W	
Footage X: 2600 FEL	Footage Y: 1100 FSL	Elevation: 6773	(FT)	Township: 29N		
Tolerance:						
Location Type: Summer Only		Start Date (Est.):		Completion Date:	Date In Operation:	
Formation Data: Assume KB = 6789 Units = FT						
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
SURFACE CSG	216	6573	<input type="checkbox"/>			Severe Lost Circulation is possible. 13 1/2" Hole. 9 5/8" 32.3 ppf, H-40, STC casing. Circulate cement to surface.
NCMT	1639	5150	<input type="checkbox"/>			
CJAM	2919	3870	<input type="checkbox"/>			Possible water flows.
KRLD	3069	3720	<input type="checkbox"/>			
FRLD	3364	3425	<input type="checkbox"/>			Possible gas.
PCCF	3714	3075	<input type="checkbox"/>			Possible water flows.
LEWS	3914	2875	<input type="checkbox"/>			
Intermediate Casing	4014	2775	<input type="checkbox"/>			8 3/4" Hole. 7", 20 ppf, J-55, STC Casing. Circulate cement to surface.
CHRA	4734	2055	<input type="checkbox"/>			
CLFH	5589	1200	<input type="checkbox"/>			Gas; possibly wet
MENF	5629	1160	<input type="checkbox"/>			Gas.
PTLK	5909	880	<input type="checkbox"/>	2000		Gas.
MNCS	6159	630	<input type="checkbox"/>			
TOTAL DEPTH MV	6259	530	<input type="checkbox"/>			6-1/4" Hole. 4-1/2", 10.5 ppf, J-55, STC casing. Circulate cement a minimum of 100' inside the previous casing string. No open hole logs. Cased hole TDT with GR to surface.

<b>Reference Wells:</b>		
Reference Type	Well Name	Comments

<b>Logging Program:</b>		
Intermediate Logs: <input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo		
TD Logs: <input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input checked="" type="checkbox"/> TDT		

Additional Information:

Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks
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**San Juan 29-5 #61A**  
**Halliburton Cementing Program**

**SURFACE CASING :**

Drill Bit Diameter	13.5"	
Casing Outside Diameter	9.625"	Casing Inside Diam. 9.001"
Casing Weight	32.3	ppf
Casing Grade	H-40	
Shoe Depth	235'	
Cement Yield	1.21	cuft/sk
Excess Cement	125	%
Cement Required	212	sx

SHOE 235 ', 9.625 ", 32.3 ppf, H-40 STC

**INTERMEDIATE CASING :**

Drill Bit Diameter	8.75"	
Casing Outside Diameter	7"	Casing Inside Diam. 6.456"
Casing Weight	20	ppf
Casing Grade	J-55	
Shoe Depth	4014'	
Lead Cement Yield	2.88	cuft/sk
Lead Cement Excess	150	%
Tail Cement Length	802.8'	
Tail Cement Yield	1.33	cuft/sk
Tail Cement Excess	150	%
Lead Cement Required	1402	sx
Tail Cement Required	234	sx

SHOE 4014 ', 7 ", 20 ppf, J-55 STC

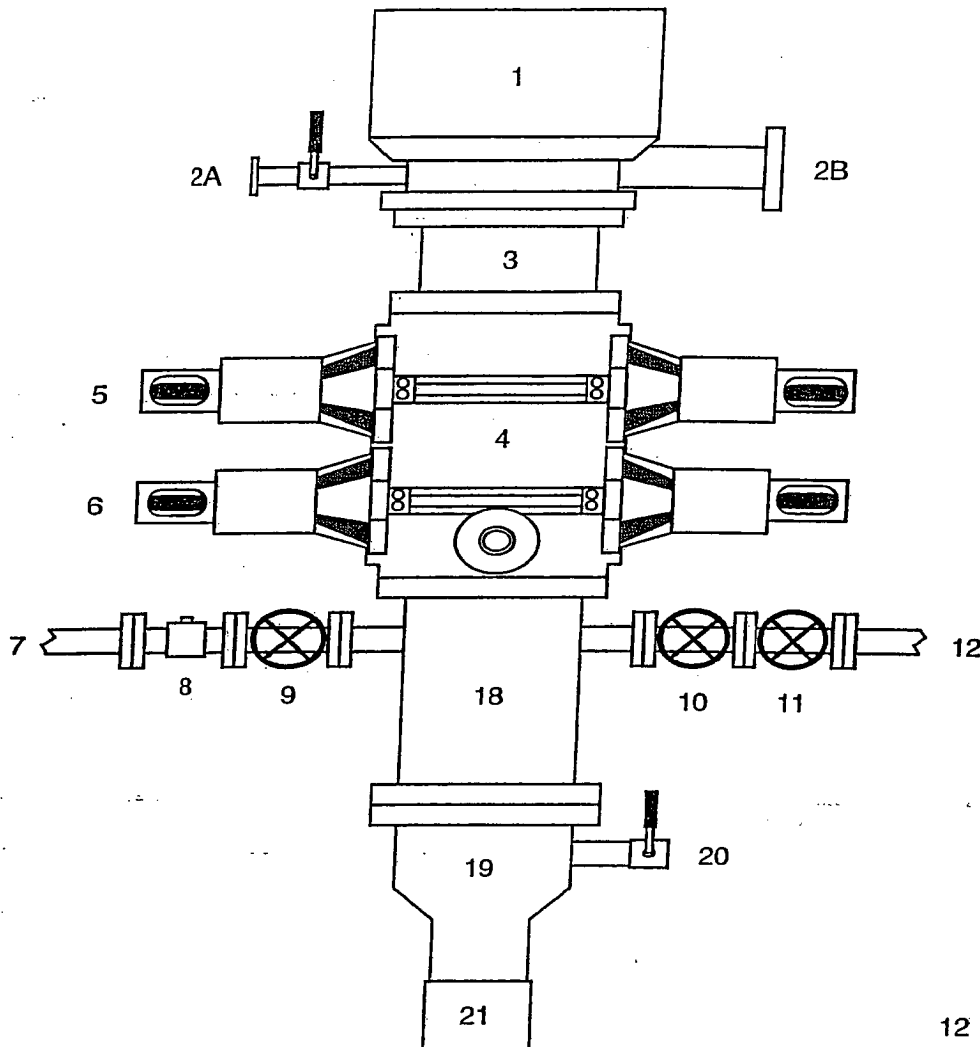
**PRODUCTION CASING :**

Drill Bit Diameter	6.25"	
Casing Outside Diameter	4.5"	Casing Inside Diam. 4.052"
Casing Weight	10.5	ppf
Casing Grade	J-55	
Top of Cement	3814'	200' inside intermediate casing
Shoe Depth	6259'	
Cement Yield	1.45	cuft/sk
Cement Excess	50	%
Cement Required	255	sx

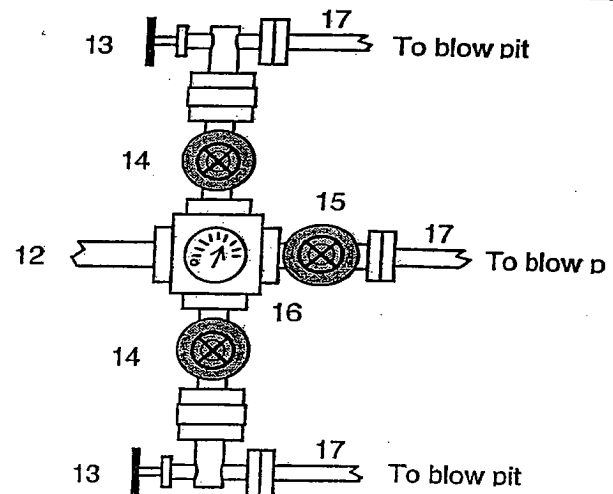
SHOE 6259 ', 4.5 ", 10.5 ppf, J-55 STC

# BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

For Drilling to Intermediate Casing Point & Setting 7" Intermediate Casing



1. Rotating Head
- 2A. Fill-up Line & valve
- 2B. Flowline
3. Spacer Spool
4. Double Ram BOP (11", 3000 psi)
5. Pipe Rams
6. Blind Rams
7. Kill Line
8. Kill Line Check Valve
9. Kill Line Valve
10. Inner Choke Line Valve (3")
11. Outer Choke Line Valve (3")
12. Choke Line (3")
13. Variable Choke
14. Choke Line Valve (2")
15. Panic Line Valve (3")
16. Choke Manifold Pressure Gauge
17. Choke Line (2")
18. Mud Cross Spacer Spool
19. Casing Head "A" Section
20. Casing Head "A" Section 2" Valve
21. 9 5/8" Casing Collar

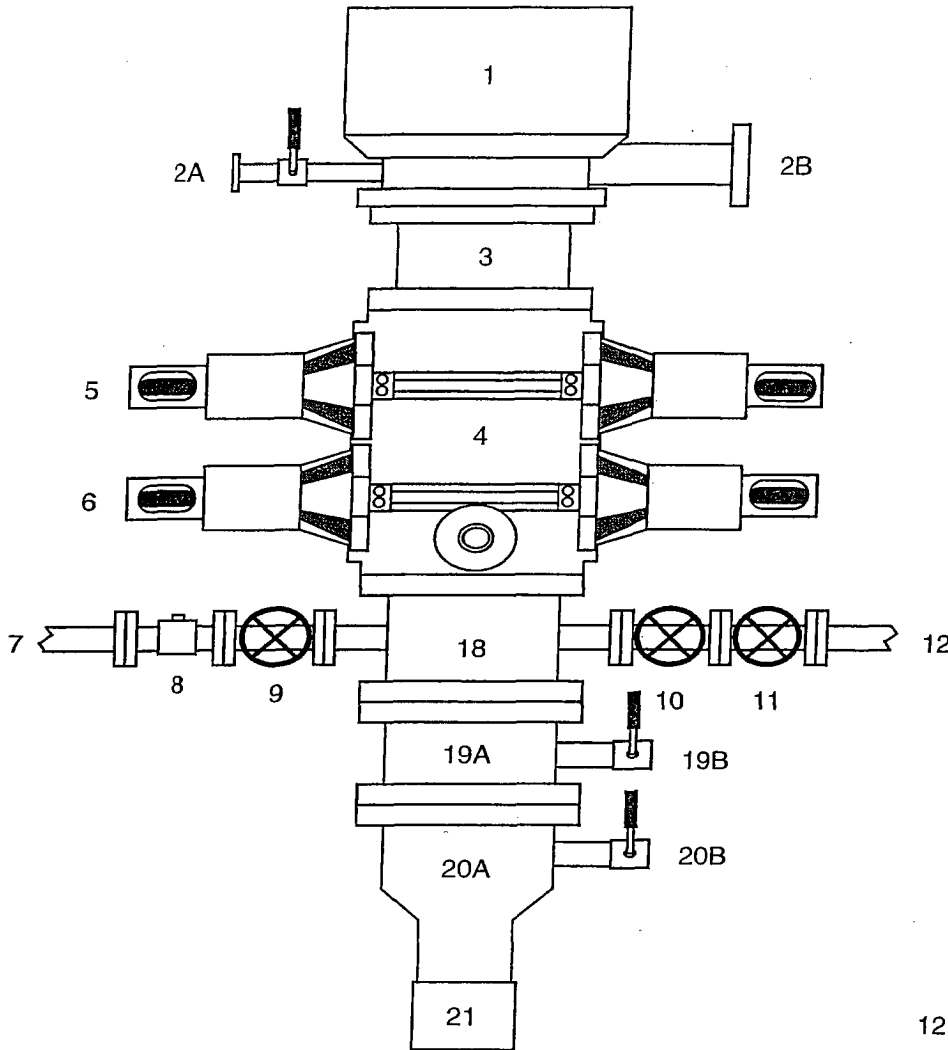


A 12-1/4" hole will be drilled to approximately 220' and the 9-5/8" surface casing will be run and cemented. The Casing Head "A" Section will be screwed onto the 9-5/8" surface casing stub. The BOP will be installed on the Casing Head "A" Section. A test plug will be set in the wellhead and the pipe rams and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 10 minutes and to 1000 psi (high pressure test) for 10 minutes. Then the test plug will be removed, and the 9-5/8" casing will be pressure tested against closed blind rams to 200 psi to 300 psi for 10 minutes and to 1000 psi for 30 minutes (this value is one 44% of the minimum internal yield pressure of the 9-5/8" casing). (Note: per regulatory requirements we will wait on cement at least 8 hrs after placement before testing the 9-5/8" surface casing). Then an 8-3/4" hole will be drilled to intermediate casing point and 7" intermediate casing will be run and cemented.

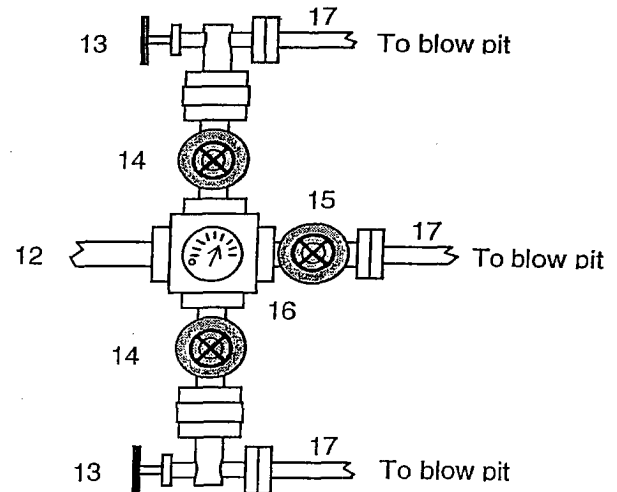
For the equipment in the above diagram the following equipment will comprise the BOP system:

## BLOWOUT PREVENTER ARRANGEMENT & PROGRAM

For Drilling to TD and Setting 4.5 inch Casing



1. Rotating Head
- 2A. Fill-up Line & valve
- 2B. Bleeie Line (for Air Drilling)
3. Spacer Spool
4. Double Ram BOP (11", 3000 psi)
5. Pipe Rams
6. Blind Rams
7. Kill Line
8. Kill Line Check Valve
9. Kill Line Valve
10. Inner Choke Line Valve (3")
11. Outer Choke Line Valve (3")
12. Choke Line (3")
13. Variable Choke
14. Choke Line Valve (2")
15. Panic Line Valve (3")
16. Choke Manifold Pressure Gauge
17. Choke Line (2")
18. Mud Cross Spacer Spool
- 19A Csg Spool "B" Section (11", 3M)
- 19B "B" Section Csg Valve (2", 3M)
- 20A Csg Head "A" Section (11", 3M)
- 20B "A" Section Csg Valve (2", 3M)
21. 9 5/8" Casing Collar



After the 7" intermediate casing has been run and cemented, the Casing Spool ("B" Section) will be installed on the wellhead ("A" Section) and the BOP will be installed on the Casing Spool. A test plug will be set in the wellhead and the pipe rams, blind rams, and choke manifold will be tested to 200 psi to 300 psi (low pressure test) for 10 minutes and to 3000 psi (high pressure test) for 10 minutes. Then the test plug will be removed and the 7" casing will be pressure tested against closed blind rams to 200 psi to 300 psi for 10 minutes and to 1800 psi for 30 minutes - this test pressure is 48% of the minimum internal yield strength of 3740 psi for the 7", 20#, J-55, STC casing. Then we will air drill the 6-1/4" hole to TD and run and cement the 4-1/2" casing.

In addition to the equipment in the above diagram the following equipment will comprise the BOP system:

1. Upper Kelly cock Valve with handle
2. Stab-in TIW valve for all drillstrings in use