Case 9366

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101 30-025-30419
Revised 10-1-78

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DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5A. Indicate Type of Lease: STATE [X] FEE [ ]

5. State Oil & Gas Lease No.: V-1356

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. Unit Agreement Name:

8. Farm or Lease Name: New Mexico FF State

2. Name of Operator: Exxon Corporation Attn: Permits Supervisor

9. Well No.: 1

3. Address of Operator: P. O. Box 1600, Midland, TX 79702

10. Field and Pool, or Wildcat: Undes. Shipp-Strawn

4. Location of Well: UNIT LETTER P LOCATED 990 FEET FROM THE S LINE AND 330 FEET FROM THE E LINE OF SEC. 9 TWP. 17S RGE. 37E NMPM

12. County: Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
11,700	Strawn	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3762 GR	Blanket	Unknown	June 1, 1988

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	54.5	450	500 sx CLC	Surface
12 1/4	9 5/8	40	4400	950 sx CLC	Surface
7 7/8	5 1/2	17, 15.5	TD	1275 sx CLH	3800'

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Charlotte Harper (Charlotte Harper) Title Permits Supervisor Date 3-24-88

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway

Exxon Lse. No. _____

State Lse. No. _____

Federal Lse. No. _____

NEW MEXICO OIL CONSERVATION COMMISSION

WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator	Lease	Well No.
Exxon Corporation	NEW MEXICO "FF" STATE	1

Unit Letter	Section	Township	Range	County
P	9	17S	37E	LEA

Actual Footage Location of Well: 330' feet from the EAST line and 990' feet from the SOUTH line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3762'	STRAWN	UNDESIGNATED SHIPP	80 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

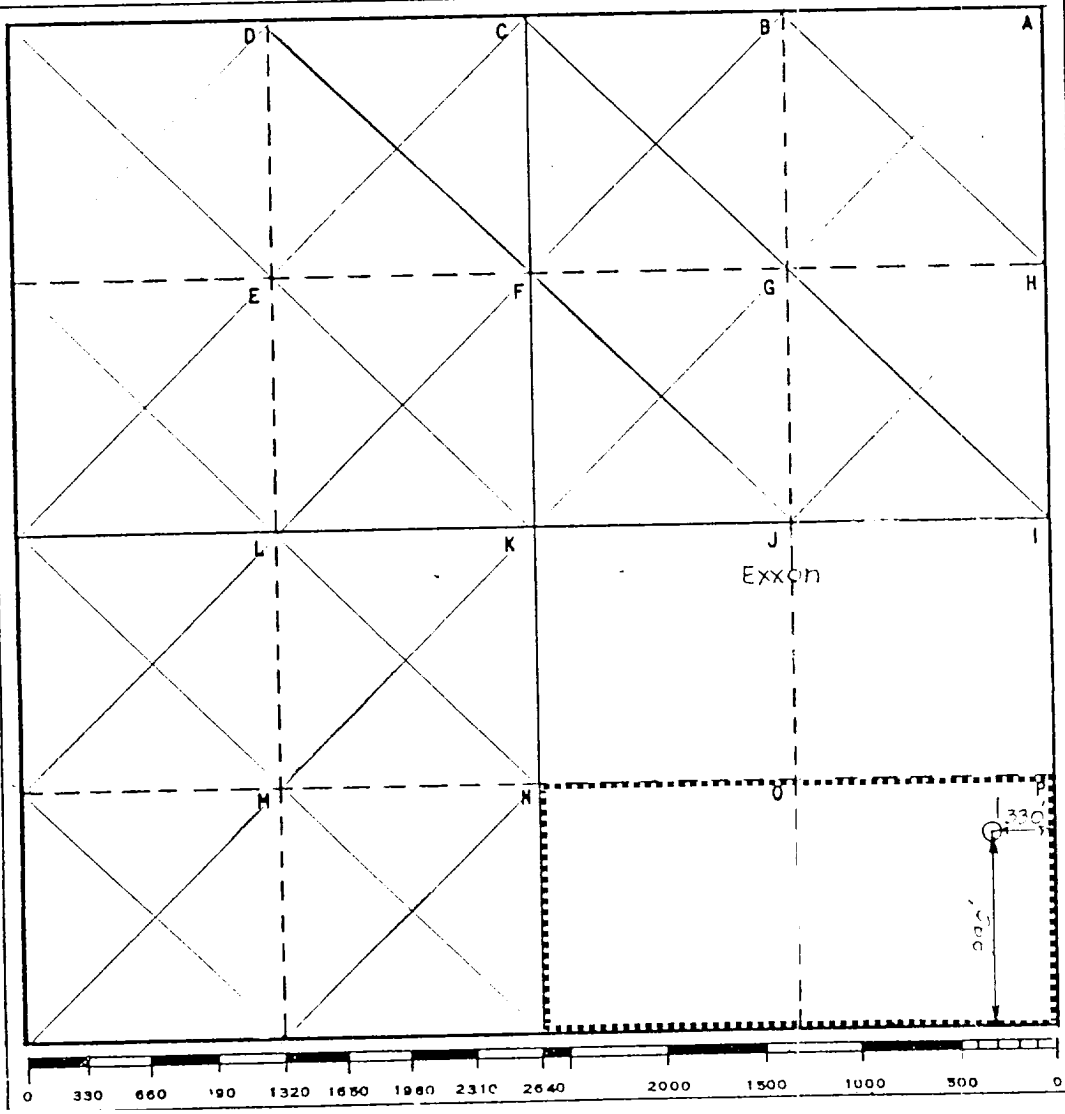
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

C. H. Harper

Name: C. H. Harper

Position: Permits Supervisor

Company: Exxon Corporation

Box 1600 Midland, Texas

Date: 7-7-88

BRUCE R. PENNELL NEW MEXICO 0862 REGISTERED PROFESSIONAL LAND SURVEYOR

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 knowledge and belief.

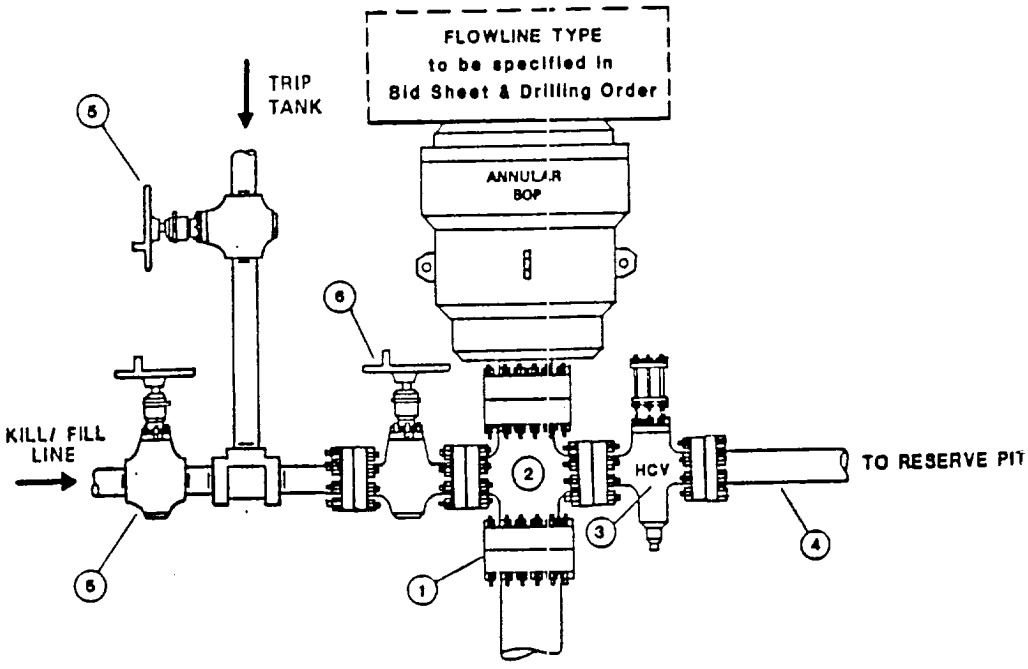
Date Surveyed: 3-17-88

Registered Professional Engineer and/or Land Surveyor

Bruce R. Pennell

Certificate No. F 706 2

TYPE SA BOP



COMPONENT SPECIFICATIONS:

1. Wellhead or BOP Companion flange - screwed or welded to casing.

2. Flanged Drilling Spool.

3. Hydraulically operated full opening flanged valve -- 4" minimum -- 2000 psi minimum working pressure. Valve is closed during normal operations.

4. Diverter line minimum size 4" internal diameter, steel pipe. Diverter lines must be securely anchored. Only flanged or welded connections can be used for pipe joint connections and 45° or 90° ells must not be installed on the end of diverter lines to direct flow downward.

5. Flanged or screwed gate or plug valve -- 2" minimum nominal diameter and 2000 psi minimum working pressure.

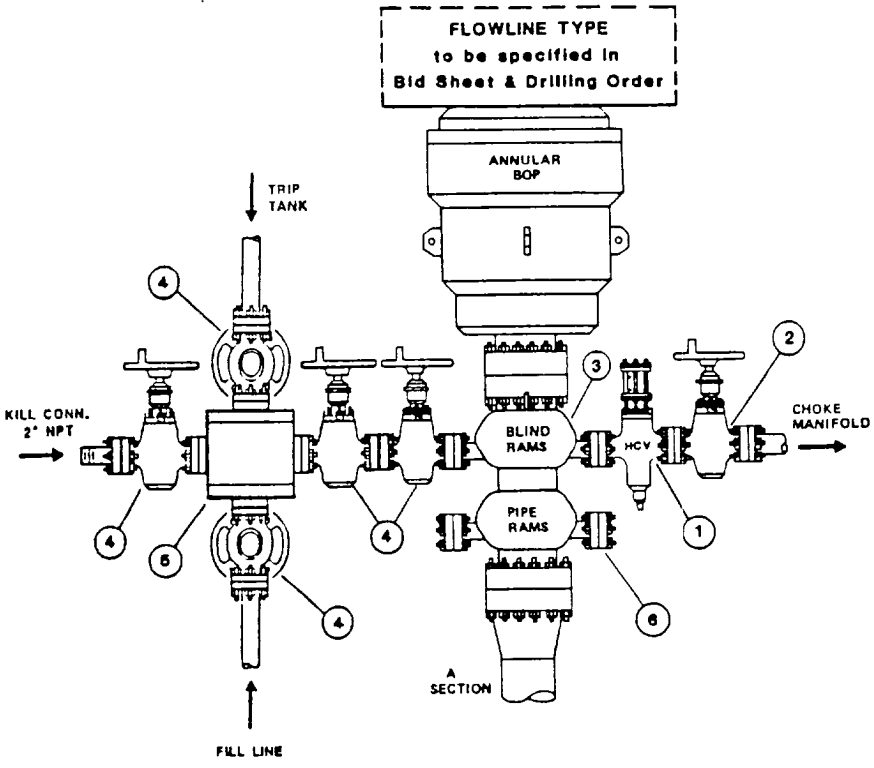
6. Full opening flanged gate or plug valve -- 2" minimum -- 2000 psi minimum working pressure.

NOTE:

A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.
B. The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.
C. Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

TYPE RRA BOP STACK

THREE PREVENTERS



COMPONENT SPECIFICATIONS:

1. Flanged hydraulically controlled gate valve -- 3" minimum nominal diameter -- same working pressure as BOP stack.

2. Flanged plug gate valve -- 3" minimum nominal diameter -- same working pressure as BOP stack.

3. BOP outlets must be 2" minimum nominal diameter for kill line and 3" minimum diameter for choke line.

4. Flanged plug or gate valve -- 2" minimum nominal diameter -- same working pressure as BOP stack.

5. Flanged cross or two (2) flanged tees.

6. Any BOP side outlet flange, located below the bottom ram, must be equipped with a blind flange.

NOTE:

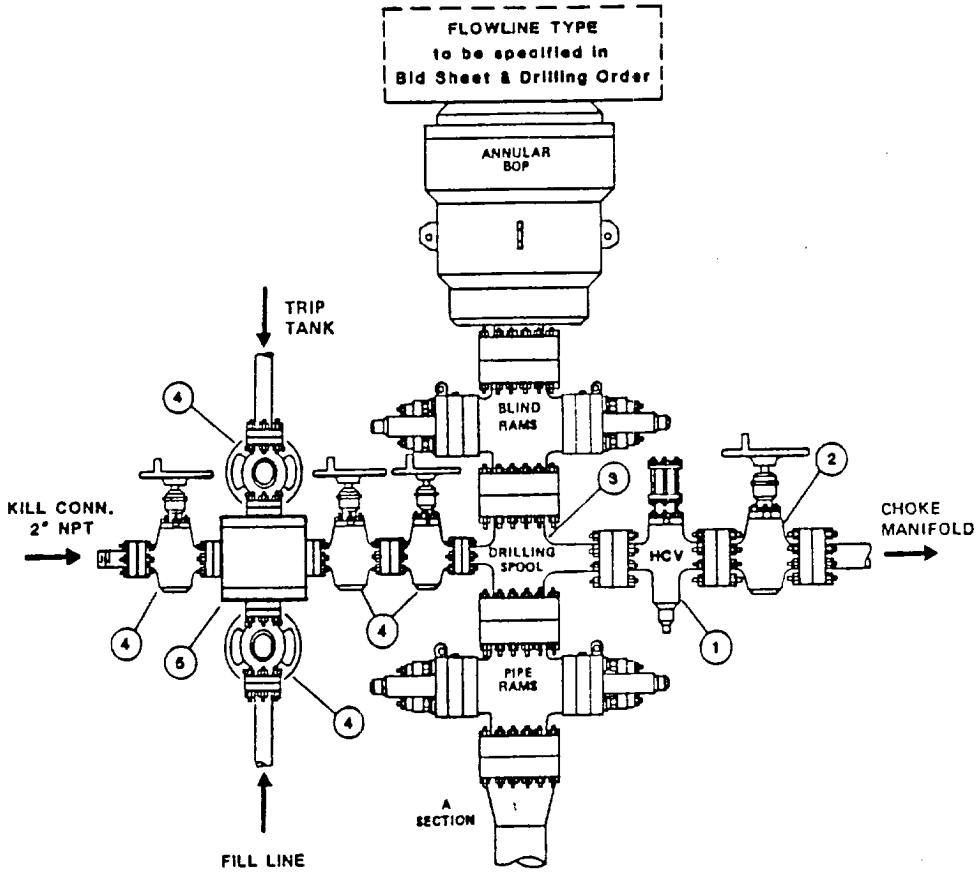
A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.

B. The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

C. Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

TYPE RSRA BOP STACK

THREE PREVENTERS



COMPONENT SPECIFICATIONS:

1. Flanged hydraulically controlled gate valve -- 3" minimum nominal diameter -- same working pressure as BOP stack.

2. Flanged plug or gate valve -- 3" minimum nominal diameter -- same working pressure as BOP stack.

3. Drilling spool with flanged side outlets -- minimum 3" choke and minimum 2" kill line.

4. Flanged plug or gate valve -- 2" minimum nominal diameter -- same working pressure as BOP stack.

5. Flanged cross or two (2) flanged tees.

NOTE:

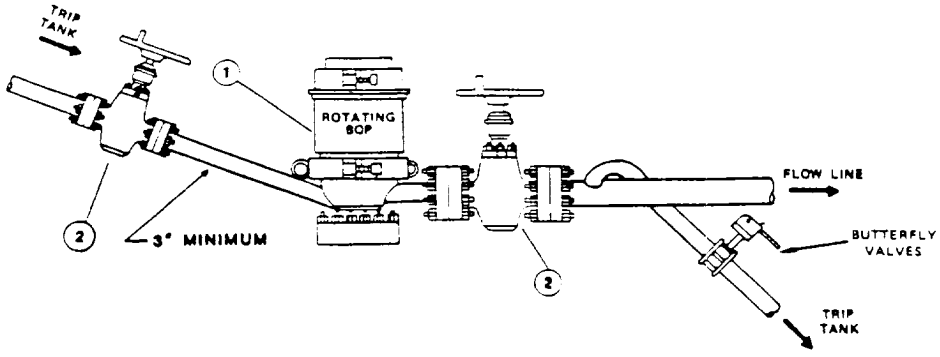
A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.

B. The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

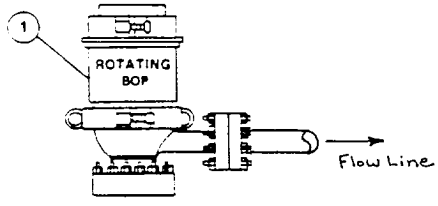
C. Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

FLOWLINE TYPE

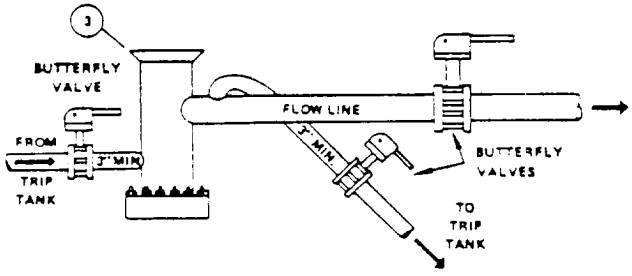
I. PUMP FILL TRIP TANK AND ROTATING HEAD



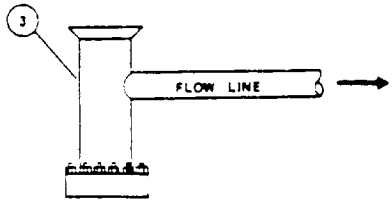
II. GRAVITY-FILL TRIP TANK AND ROTATING HEAD



III. PUMP-FILL TRIP TANK



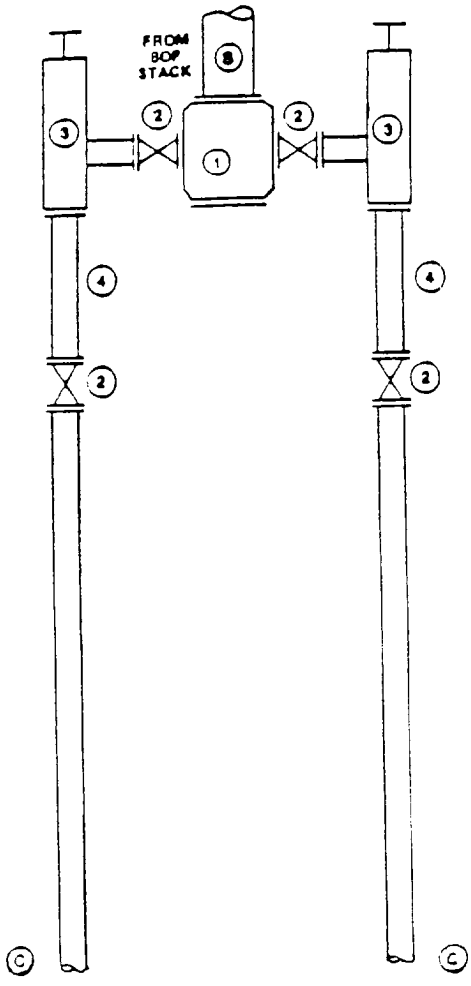
IV. GRAVITY-FILL TRIP TANK



PUMP-FILL TRIP TANK AND ROTATING HEAD SPECIFICATIONS

1. Flanged rotating head with minimum 500 psi working pressure.
2. Flanged plug or gate valve with minimum 500 psi working pressure.
3. The I.D. of the bell nipple must not be less than the minimum I.D. of the B.O.P. stack.

TYPE- 2 CHOKE MANIFOLD



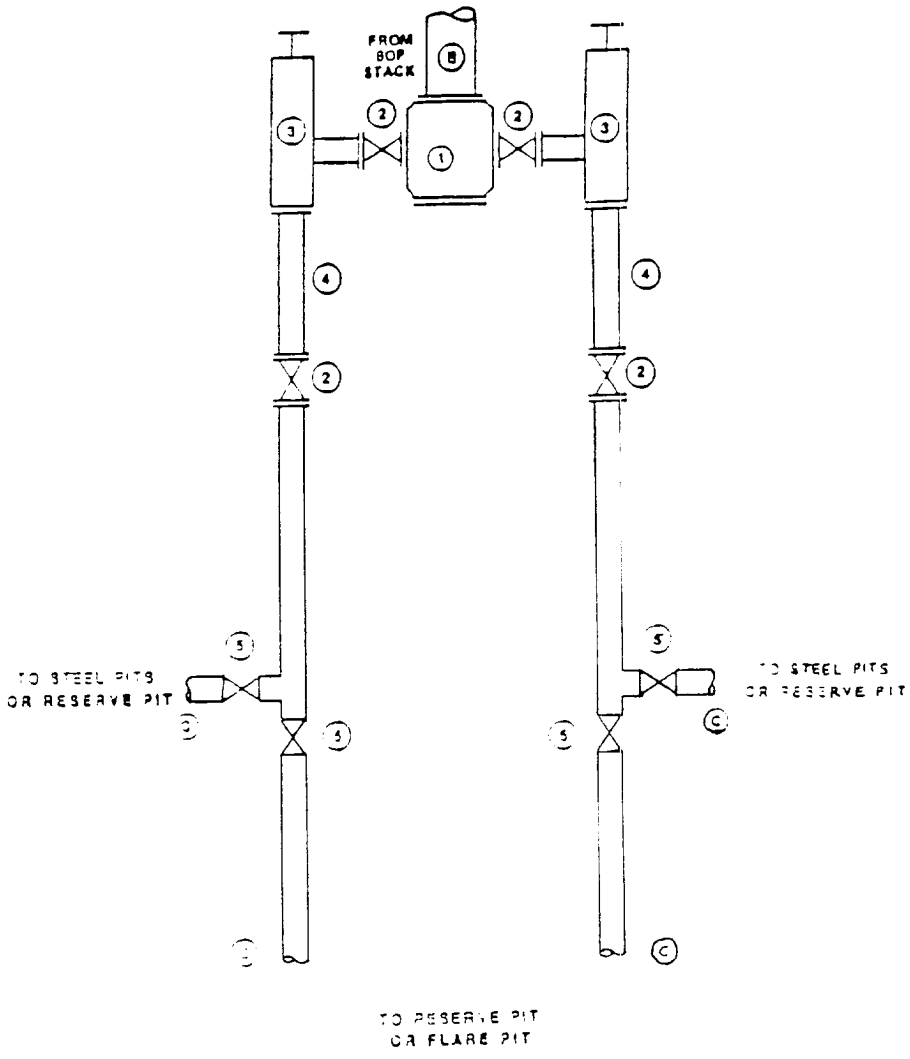
COMPONENT SPECIFICATIONS

1. Flanged or studded cross -- 3" x 3" x 2" x 2" minimum nominal diameter with blind flange and equipped with needle valve and pressure gauge.
2. Flanged plug or gate valve -- 2" minimum nominal diameter -- valve to have same working pressure rating as choke.
3. Flanged manually adjustable choke equipped with tungsten carbide stems and seats and at least 3/4" orifice opening.
4. Flanged spacer spool -- 2" minimum nominal diameter and approximately 18" length.

NOTE:

A. The rated working pressure of the choke manifold will be specified in the Bid Letter and Drilling Order and all equipment must conform to the specifications herein.
B. The choke line between the BOP stack and choke manifold should not contain any unnecessary bends or turns. Any required turns must be made with a running tee and a blind flange or welded bullplug. All connections must be either flanged or welded and all welding must be done by a certified welder.
C. Both flare lines must be laid to the reserve pit or flare pit and must be securely anchored.

TYPE- 3 CHOKE MANIFOLD



COMPONENT SPECIFICATIONS

1. Flanged or studded cross -- 3" x 3" x 2" x 2" minimum nominal diameter with blind flange and equipped with needle valve and pressure gauge.
2. Flanged plug or gate valve -- 2" minimum nominal diameter -- valve to have same working pressure rating as choke.
3. Flanged manually adjustable choke equipped with tungsten carbide stems and seats and at least 3/4" orifice opening.
4. Flanged spacer spool -- 2" minimum nominal diameter and approximately 18" length.
5. Screwed plug or gate valve -- 2" minimum nominal diameter.

NOTE:

A. The rated working pressure of the choke manifold will be specified in the Bid Letter and Drilling Order and all equipment must conform to the specifications herein.
B. The choke line between the BOP stack and choke manifold should not contain any unnecessary bends or turns. Any required turns must be made with a running tee and a blind flange or welded bullplug. All connections must be either flanged or welded and all welding must be done by a certified welder.
C. Flare lines must be laid to the reserve pit or flare pit and must be securely anchored.