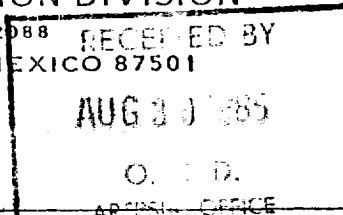


STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-101  
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
FILE	<input checked="" type="checkbox"/>
U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.  
V-708

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
b. Type of Well  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. Name of Operator  
Exxon Corporation

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

4. Location of Well  
UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE  
AND 660 FEET FROM THE East LINE OF SEC. 32 TWP. 22S RGE. 26E NMPLA

7. Unit Agreement Name  
--

8. Farm or Lease Name  
New Mexico FA State Cor

9. Well No.  
1

10. Field and Pool, or Wildcat  
Undesig. Carlsbad, So. (Morrow) (Strawn)

12. County  
Eddy

19. Proposed Depth  
12000

19A. Formation  
Morrow & Strawn

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
3305' GL

21A. Kind & Status Plug. Bond  
Blanket

21B. Drilling Contractor  
Unknown

22. Approx. Date Work will start  
Upon Approval

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16	65, 75	1800' → H <sub>2</sub> O Prot	800	Surf
14 3/4	10 3/4	40.5	2600'	800	Surf.
9 7/8	7 5/8	29.7, 33.7, 39	12000	500	9500'

## BOP Program

Casing	Type	Working Pressure
16"	SA BOP	2000
10 3/4"	RFA	5000

## Mud Program

Depth Interval	Type	Density	pH
0-1800	FW	8.4-8.8	NC
1800-2600	FW	8.4-8.8	10-10.5
2600-9500	CBW	9 - 8.5	10-10.5
9500-10700	SBW	10-10.5	10-10.5
10700-TD	SBW	10-10.5	9-10

PERMIT VALID FOR 180 DAYS  
PERMIT EXPIRES 3-4-86  
UNLESS DRILLING UNDERWAY

Diagrammatic sketch and specifications of BOP are attached. Gas is not dedicated to a purchaser.  
(Gas Well Only)

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 Melba Knigling Title Unit Head Date 8-26-85

(This space for State Use)

Original Signed By

Mike Williams

Oil &amp; Gas Inspector

SEP 4 1985

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

DATE

casing

Federal Lse. No. \_\_\_\_\_ All distances must be from the outer boundaries of the Section.

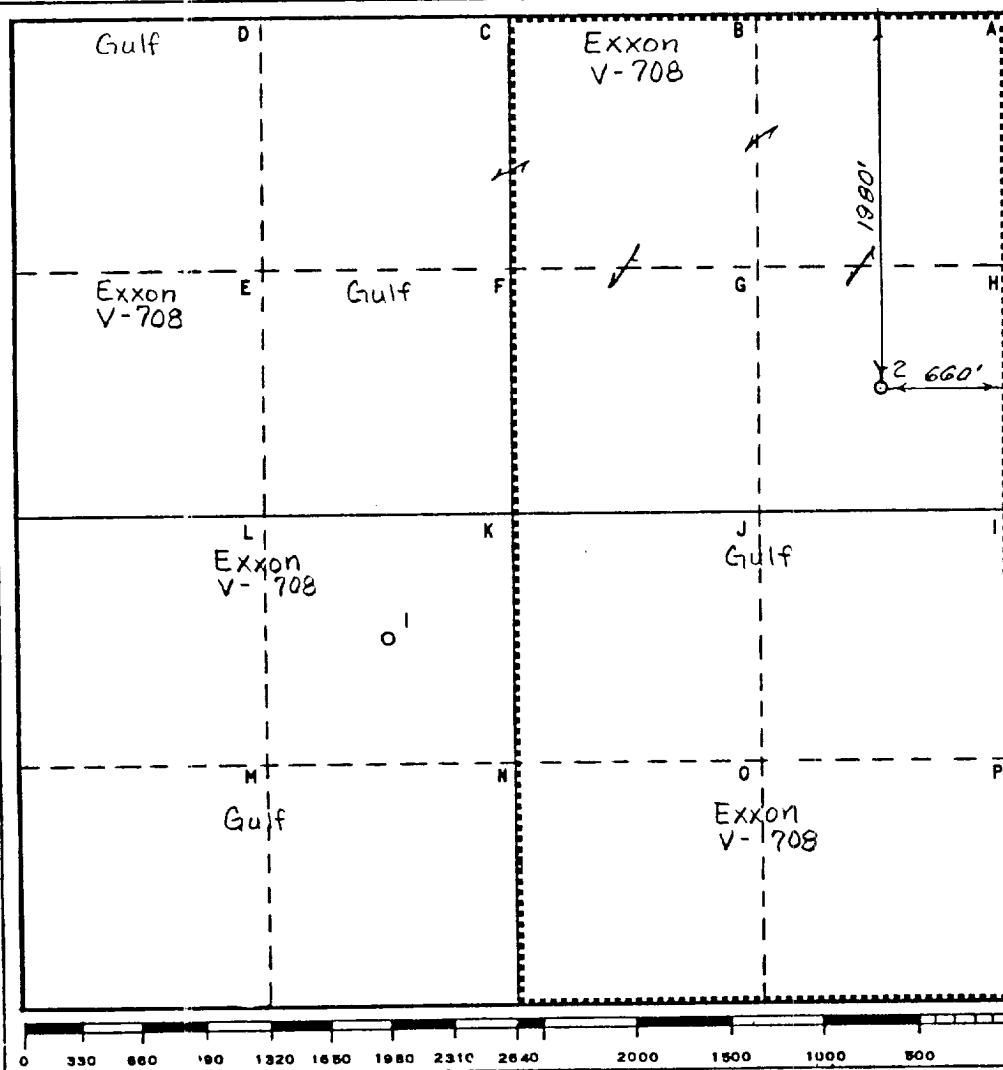
Operator Exxon Corporation		Lease New Mexico "FA" State Com.		Well No. 1
Unit Letter H	Section 32	Township 22-S	Range 26-E	County Eddy
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the EAST line				
Ground Level Elev. 3305	Producing Formation MORROW	Pool SOUTH CARLSBAD	Dedicated Acreage: 320 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 Communitization Pending

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.

Name  
Melba Knippling  
Position  
**UNIT HEAD**

Company  
Exxon Corporation  
Box 1600 Midland, Texas

Date  
8-26-85

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  
8-8-85

Registered Professional Engineer  
and/or Land Surveyor

Bruce R. Pennell  
Certificate No.  
#9062

7.0 Miles SW of CARLSBAD, New Mexico

C.E. Sec. File No. W-A-9062

Exxon Lse. No. \_\_\_\_\_ NE MEXICO OIL CONSERVATION COMMISSION  
State Lse. No. \_\_\_\_\_ WELL LOCATION AND ACREAGE DEDICATION PLAT  
Federal Lse. No. \_\_\_\_\_ All distances must be from the outer boundaries of the Section.

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

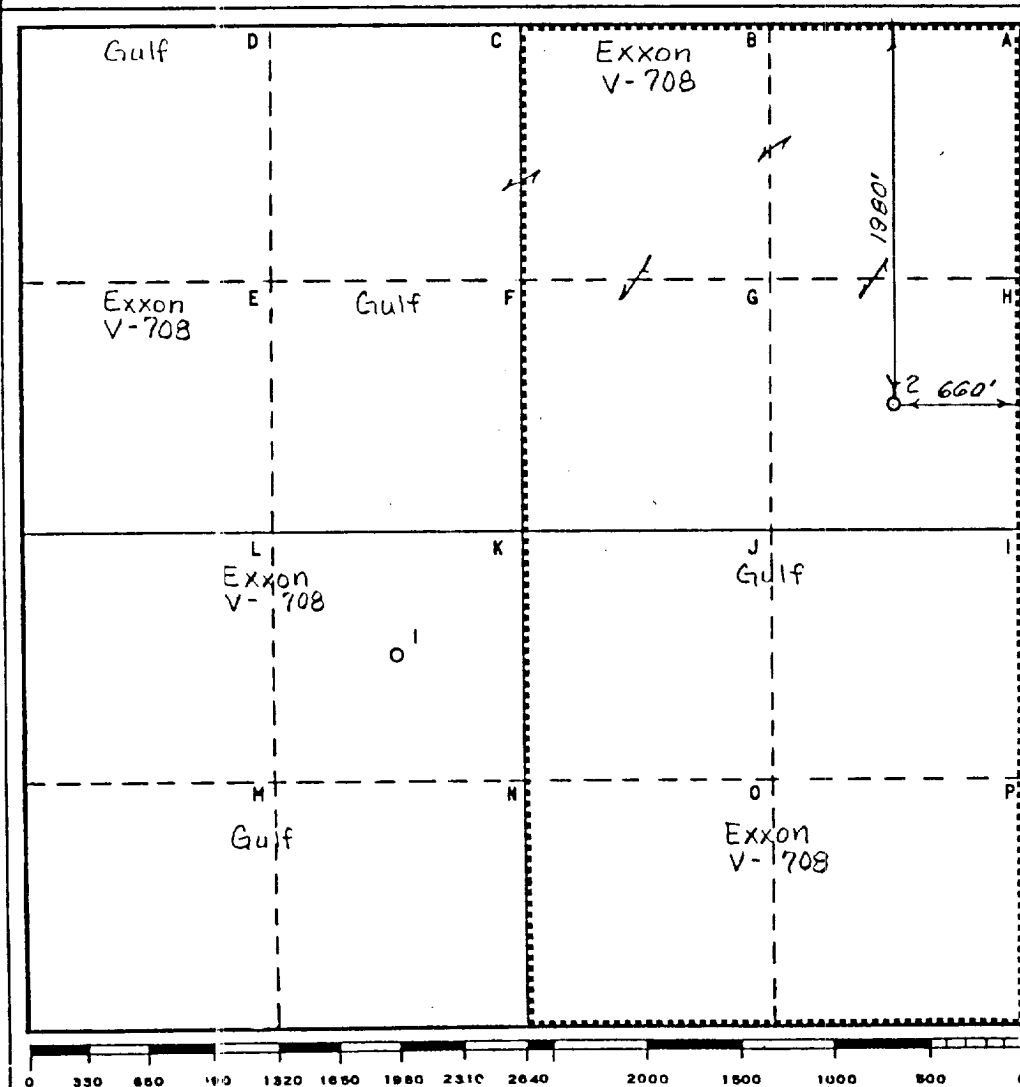
Operator Exxon Corporation		Lease New Mexico "FA" State Com.		Well No. 1
Unit Letter H	Section 32	Township 22-S	Range 26-E	County Eddy
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the EAST line				
Ground Level Elev. 3305	Producing Formation STRAWN	Pool SOUTH CARLSBAD	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Name \_\_\_\_\_

Position \_\_\_\_\_

UNIT HEAD

Company Exxon Corporation  
Box 1600 Midland, Texas

Date \_\_\_\_\_

BRUCE R. PENNELL  
NEW MEXICO  
REGISTERED PROFESSIONAL LAND SURVEYOR  
9062  
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.

Date Surveyed \_\_\_\_\_

8-8-85

Registered Professional Engineer  
and/or Land Surveyor

*Bruce R. Pennell*

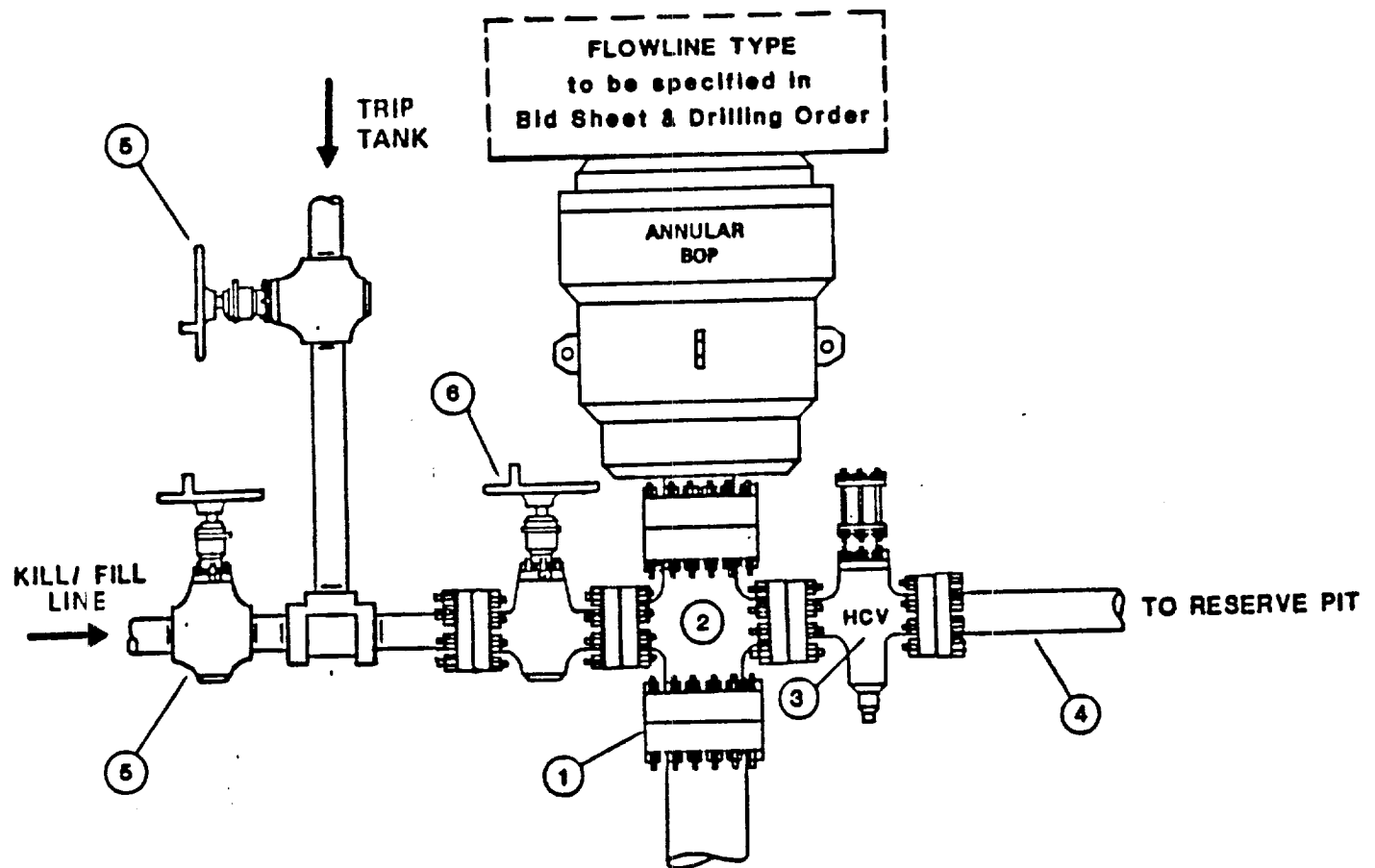
Certificate No. \_\_\_\_\_

#9062

7.0 Miles SW of CARLSBAD, New Mexico

C.E. Sec. File No. W-A-9062-A

# TYPE SA BOP



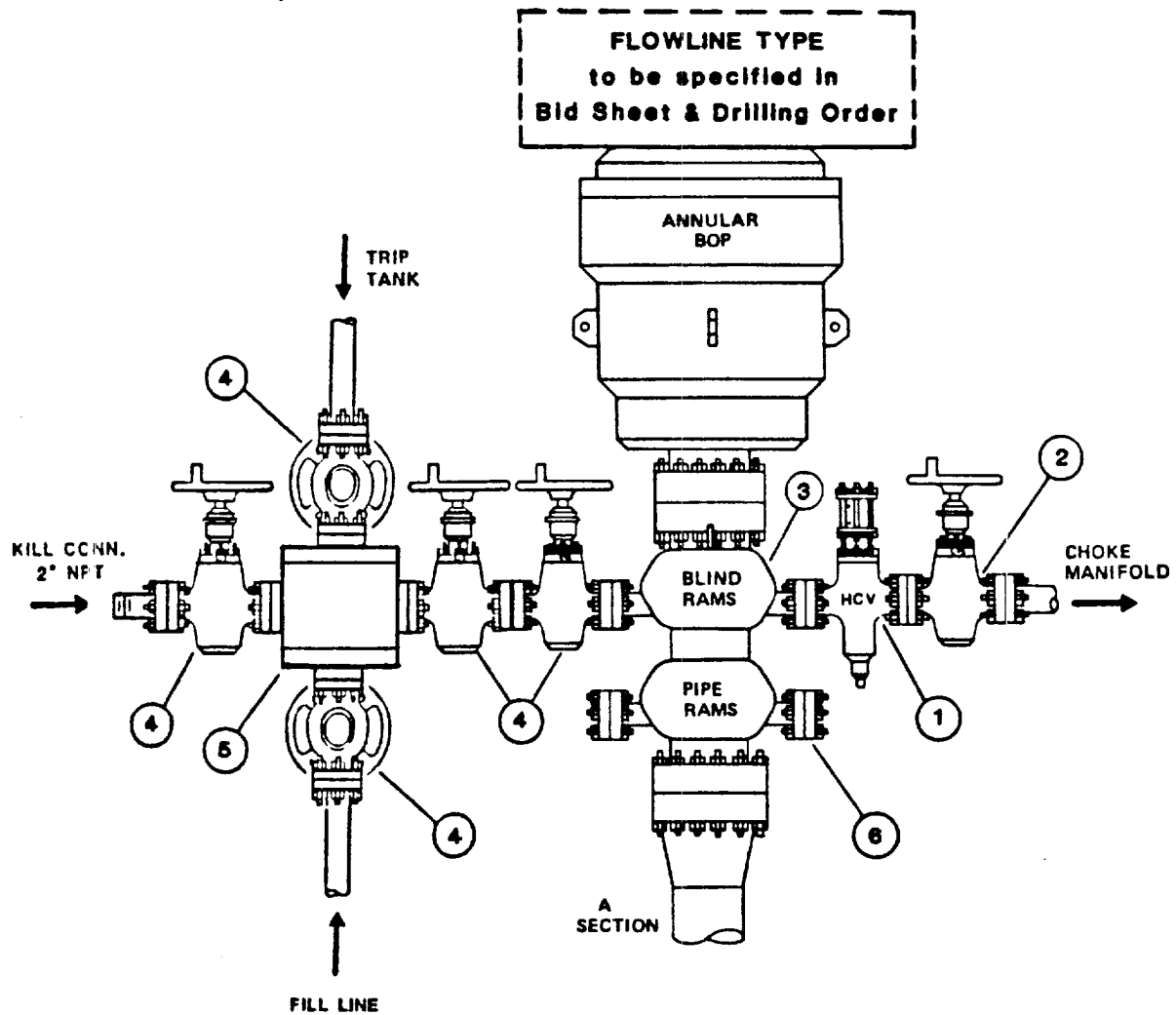
## **COMPONENT SPECIFICATIONS**

### **Type SA Bop**

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.

# TYPE RRA BOP STACK

## THREE PREVENTERS



## COMPONENT SPECIFICATIONS

### Type RRA BOP Stack

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: Each BOP stack must have separate side outlet connections for kill and choke lines, unless specific approval for a single side-outlet is obtained from the Exxon Division Drilling Manager prior to rig-up. Such approval will not be granted unless the equipment arrangement conforms to the specifications shown on pages 14 and 15 of this Section.