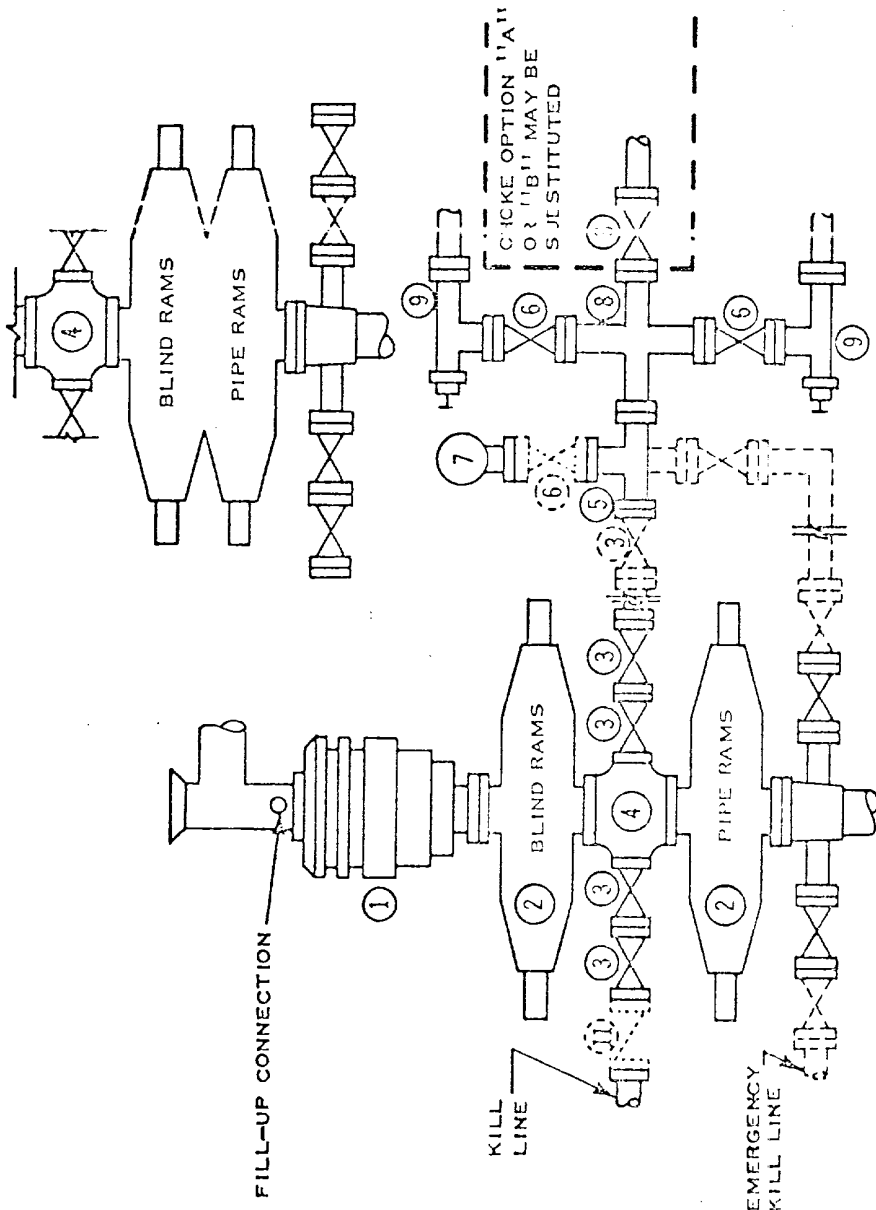


DOUBLE PREVENTER OPTION



NOTES:

1. 3000 PSI WP OR BETTER CLAMP HUBS MAY BE SUBSTITUTED FOR FLANGES

2. ONE ADJUSTABLE CHOKE MAY BE REPLACED WITH A POSITIVE CHOKE

3. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOP RUN MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY

..... OPTIONAL EQUIPMENT

PHILLIPS PETROLEUM COMPANY

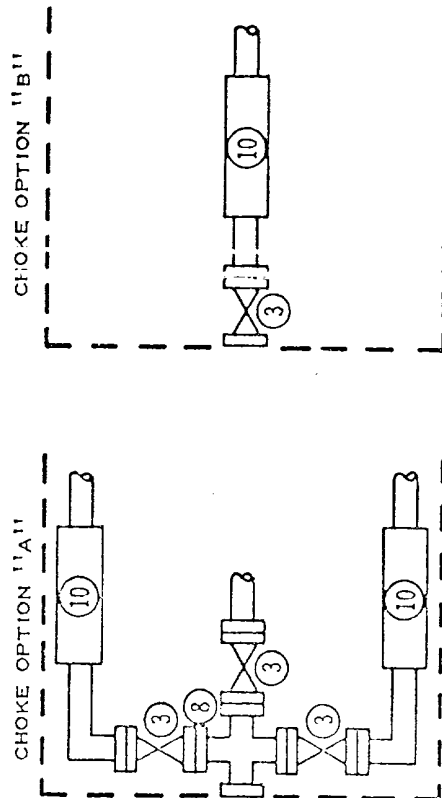
3000 PSI WORKING PRESSURE

BLOWOUT PREVENTER HOOK-UP

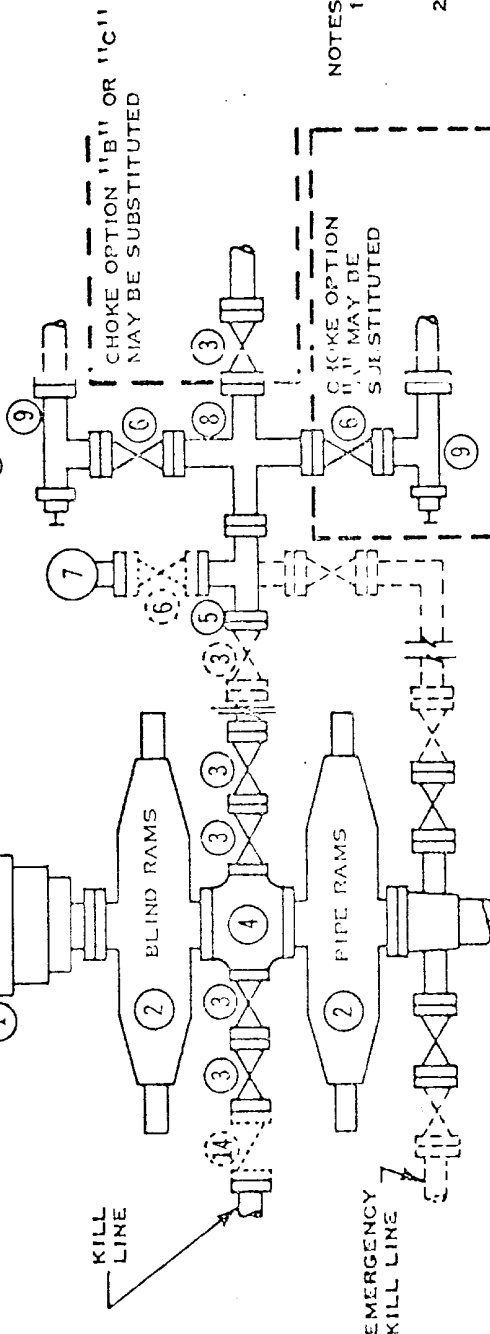
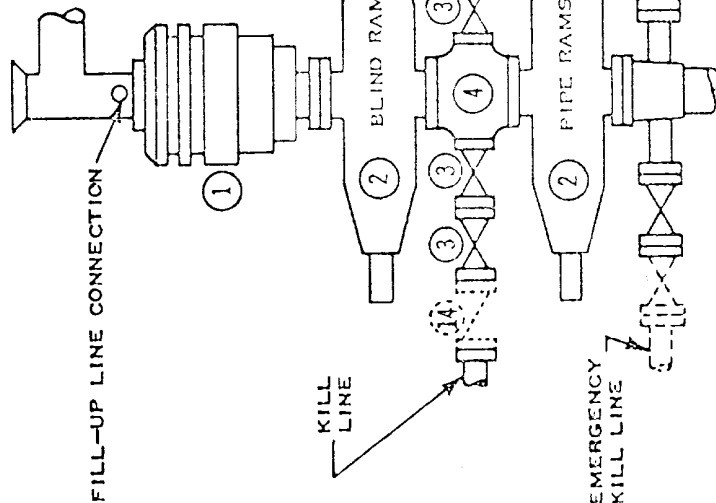
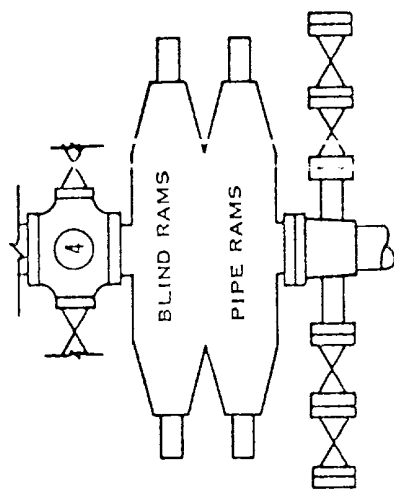
(SERIES 900 FLANGES OR BETTER)

REV 6/73

FIGURE NO. 6



..... OPTIONAL EQUIPMENT



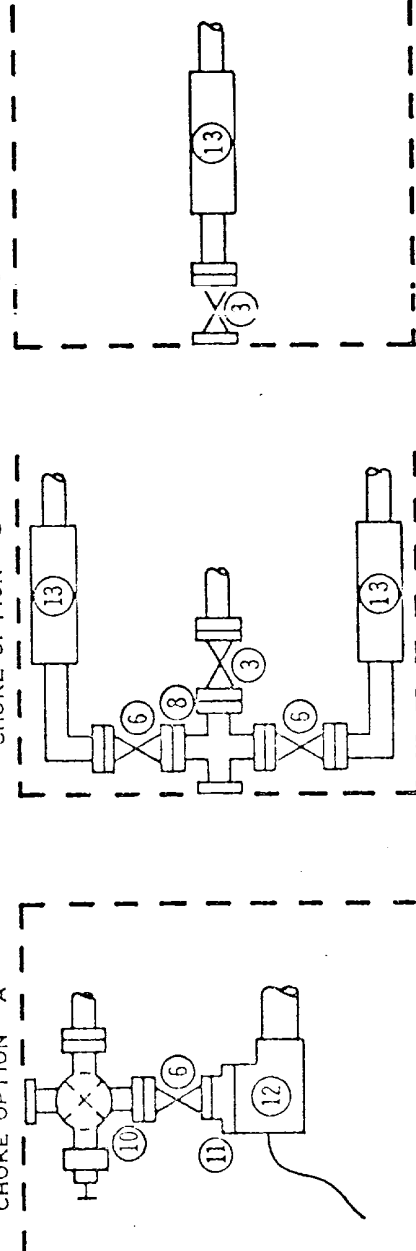
NOTES:
1.

- 1.
- 2.
- 3.

CHOKE OPTION '1C'

CHOKER OPTION "B"

CHUCKLE OPTION "A"



- ① SER. 1500 HYDRIL GK
 - ② SER. 1500 RAM-TYPE BOP.
 - ③ 3" SER. 1500 VALVE
 - ④ SER. 1500 DRILLING SPOOL
 - ⑤ 3" SER. 1500 X 2" SER. 1500 STEEL TEE
 - ⑥ 2" SER. 1500 VALVE
 - ⑦ 2" MUD PRESSURE GAUGE
 - ⑧ 3" SER. 1500 X 2" SER. 1500 STEEL CROSS
 - ⑨ 2" SER 1500 ADJ. CHOKE
 - ⑩ 2" SER. 1500 ADJ. CHOKE ON 2" SER. 1500 RISER VALVE ON SIDE OUTLET OF 2" SER. 1500 STEEL TEE
 - ⑪ ADAPTER, 2" SER. 1500 X 3 1/16" 10,000 LB WP OR OTHER FLANGE MATING INLET ⑫
 - ⑫ 10,000 LB WP REMOTE CHOKE
 - ⑬ HYDRAULIC CHOKE, 2500 LB WP OR BETTER
 - ⑭ 3" SER. 1500 CHECK VALVE
- 5000 PSI WP OR BETTER CLAMP
SUBS MAY BE SUBSTITUTED
FOR FLANGES
- ONE ADJUSTABLE CHOKE MAY BE REPLACED
WITH A POSITIVE CHOKE

5000 PSI WP OR BETTER CLAMP
RUBS MAY BE SUBSTITUTED
FOR FLANGES

2. ONE ADJUSTABLE CHOKE MAY BE REPLACED WITH A POSITIVE CHOKE

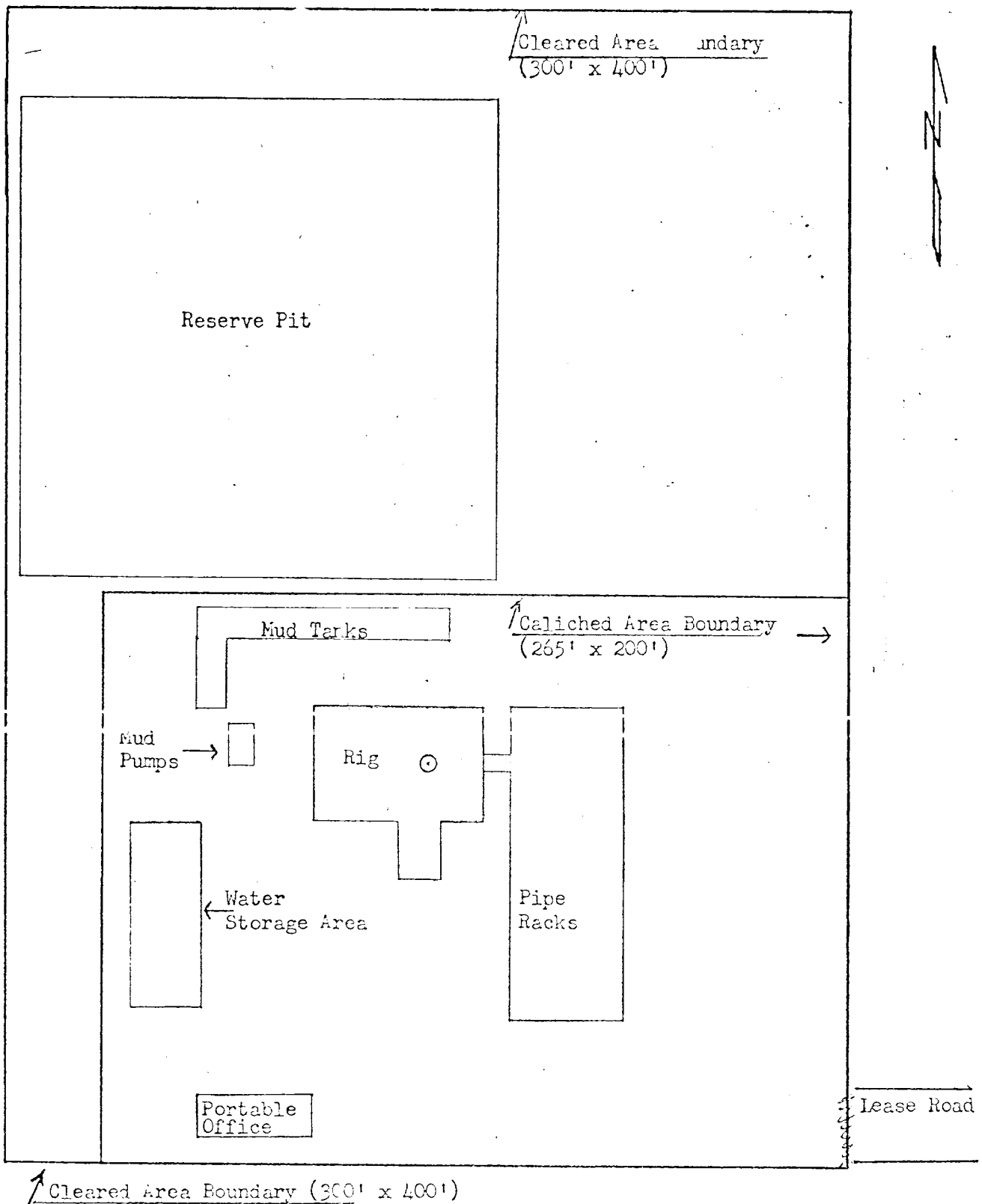
3. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOOP RUN MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY

PHILLIPS PETROLEUM COMPANY
5000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP
SERIES 1500 FLANGES OR BETTER

Phillips Petroleum Company - Hat Mesa-A Well No. 1 = 660' FS & 1980' FE
Lines, Sec. 2, T-21-S, R-32-E, Lea County,
New Mexico

1. Existing roads on lease: None - There is existing road in SW/4 Sec. 1 (See sketch of area roads attached)
2. Planned access roads: Commence at existing road in SW/4 Sec. 1 (east of well), construct approximately 2100 feet (20' wide) road west to well site.
3. Location of well No. 1 = 660' FS & 1980' FE lines, Section 2, T-21-S, R-32-E
4. Lateral roads to area of well site: U. S. Hwy 62 approximately 1 1/2 to 2 miles north/northeast; existing lease access road from Hwy 62 south/southwest crossing SW/4 Sec. 1 where planned access lease road construction to commence.
5. Tank battery and production facilities as required will be contained within drill site pad upon well completion.
6. Water supply is from "Etz Well No. 1" approximately 1.3 miles northeast with water supply lines to be laid along existing and proposed roadway (see roadway sketch).
7. Gas for fuel to be from PFCo. Hat Mesa Well No. 1 approximately 1/2 mile south of proposed well. Exact fuel line routing to be determined upon most feasible and prudent operation.
8. All waste disposal will be put in pits and covered.
9. No camps or airstrips will be located on lease.
10. Drill site location will be an area 300' E-W x 400' N-S, cleared and leveled with reserve pits dug in the northern 200' portion. Rig, racks, pumps, steel pits, water tanks, and portable office to be located on southern 200' portion of pad. The drill site proper (contained within the pad) will be permanently caliche in approximate area of 265' E-W x 200' N-S.
11. Restoration of surface: Dug pits within the cleared area will be back-filled and leveled. Caliche pad of the cleared area is a permanent type emplacement.
12. This land use plan is essentially the same as that used on other wells of like depth in Lea and Eddy Counties.

HM:rm



PHILLIPS PETROLEUM COMPANY			BARTLESVILLE, OKLAHOMA		
			DEVELOPMENT PLAN FOR SURFACE USE		
			Hat Mesa - A Well No. 1 = 660' FS & 1980' FE lines, Section 2,		
			T-21-S, R-32-E, Lea County, New Mexico		
		DRAWN	LLP	AFE. NO.	DWG. NO. 2
		CHECKED		SCALE : 1" = 50'	SHEET NO. 1
REVISION	BY	DATE	APPROVED		

FORM 1770 3-64

GLENNON & KERN, INC., CHICAGO

CHECKED		T-21-S, R-32-E, LEA CO., N.M.	SH NO. 1
APP'D			

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