

ERECTING POLES AND STUBS

GIN POLE METHOD

Contents	Page
1. General	1
2. Safety Precautions	1
3. Gin Pole Method	2

1. GENERAL

- 1.01 This practice describes the use of a gin pole in the erection of poles and stubs.
- 1.02 The gin pole method may be used to advantage under the following conditions:
- (a) When the location is not accessible to a construction truck or the truck is not equipped with a derrick.
 - (b) When the pole is too long, or too heavy to permit the use of the pole derrick or pike poles.
- 1.03 When practicable, the use of a truck winch is recommended for setting a pole with a gin pole.

2. SAFETY PRECAUTIONS

- 2.01 The general information and precautions outlined in the section "Erecting Poles and Stubs, General" shall be observed.
- 2.02 When a winch line is used the general information and safety precautions outlined in the practice "Pole Derricks General" concerning winch lines shall be observed.
- 2.03 Employees should be aware and keep clear of the angle of strain presented when the winch line or pulling line passes through the snatch block located at the base of the gin pole.

3. GIN POLE METHOD

3.01 To erect a line pole by the gin pole method proceed as follows:

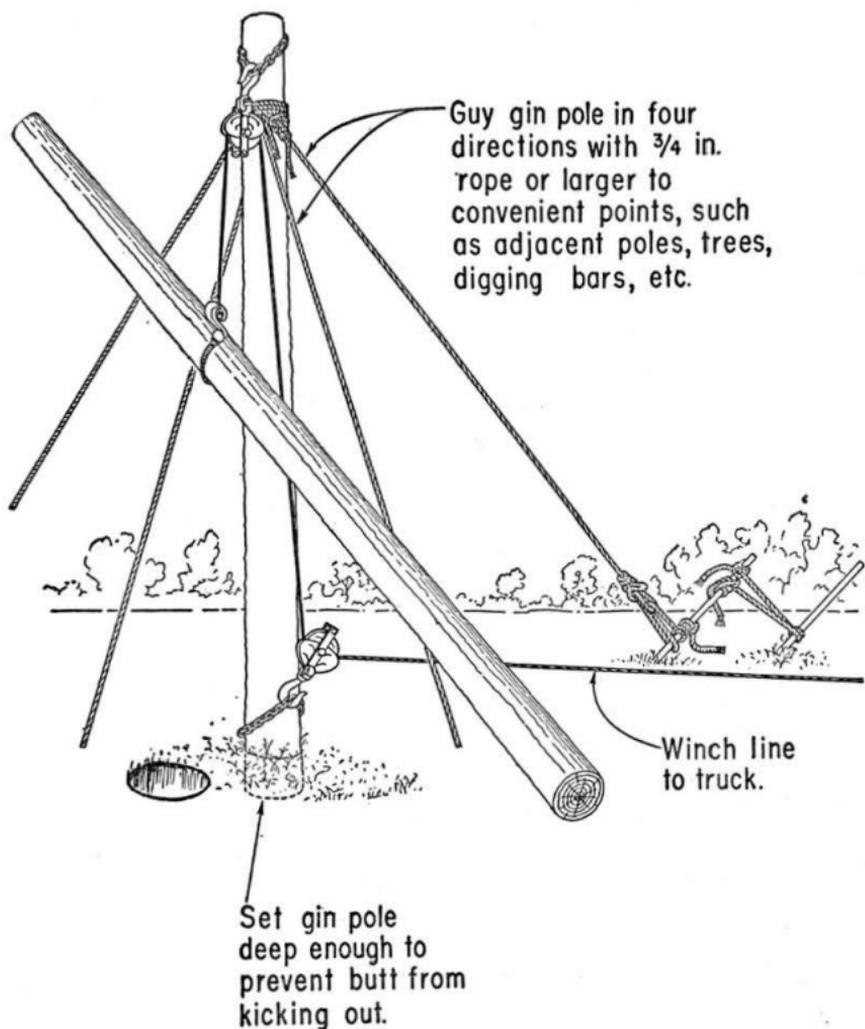
(1) The gin pole should be of adequate class and in good condition. Its length should be sufficient to permit attaching the snatch block or upper pulley block at a distance above the ground about 2 feet greater than the distance between the butt of the pole to be set and the point at which the winch line or sling will be attached.

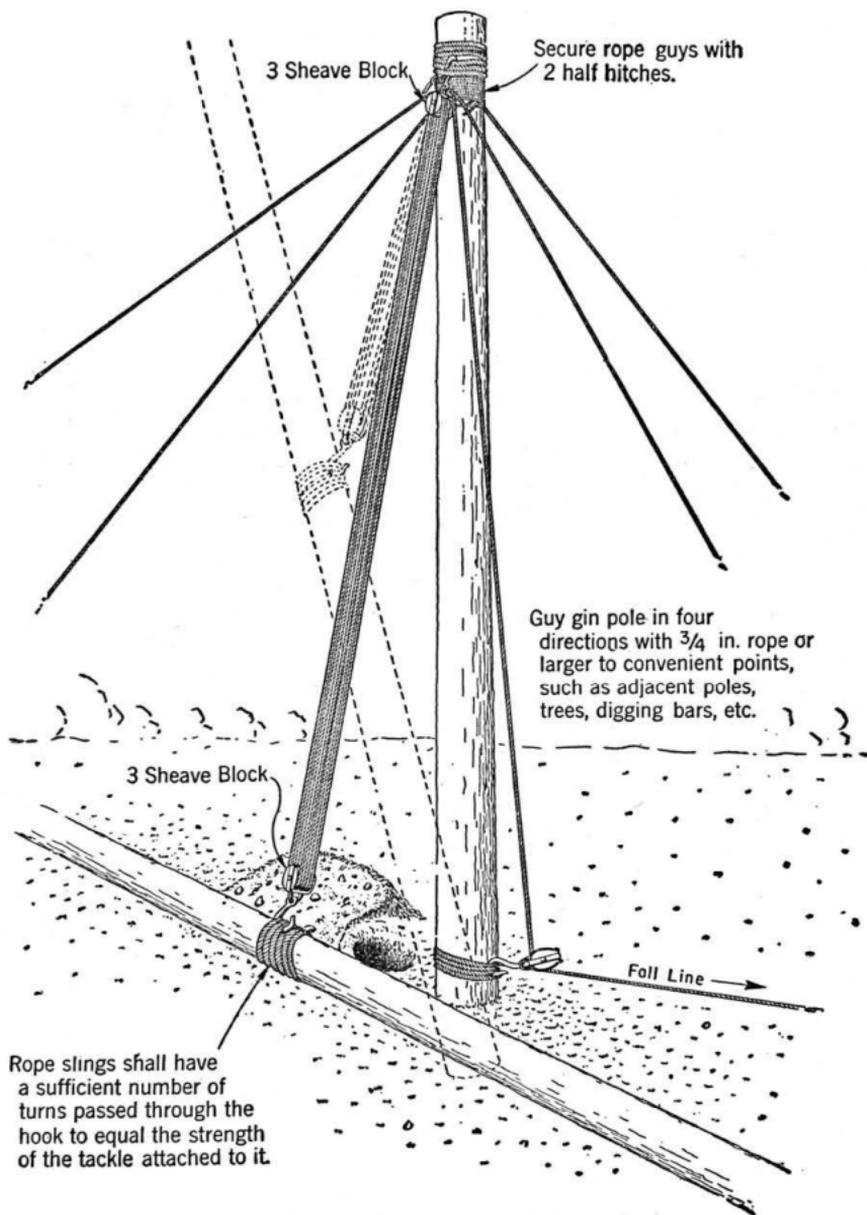
(2) Erect the gin pole as close as practicable to the hole which has been dug for the line pole. Where conditions permit, the butt of the gin pole should be set in a shallow hole to prevent its slipping. The butt may be set on the ground (or in the case of soft soil, on a plank) provided the butt is properly guyed in the opposite direction from the pull. This can be done by rope lashings to bars driven into the ground or to any other suitably substantial object.

(3) Guy the top of the gin pole with 3/4-inch rope or larger as illustrated.

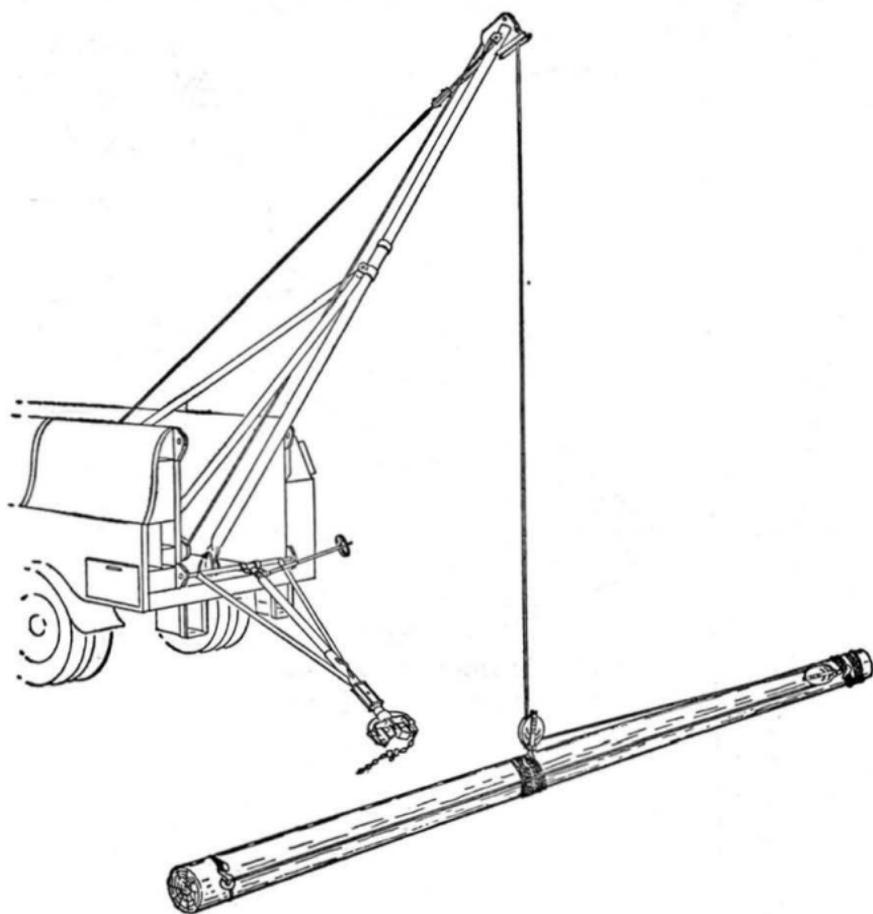
(4) Attach a wire rope snatch block or 3-sheave block at the proper height on the gin pole to permit the line pole to be raised clear of the ground.

(5) Run the winch line through the snatch block and attach it to the line pole to be raised at a point just above the balance point of the pole. If rope tackle is to be used, attach the lower sheave block just above the balance point. It is usually preferable to run the winch line or pulling line through a snatch block placed close to the ground on the gin pole.

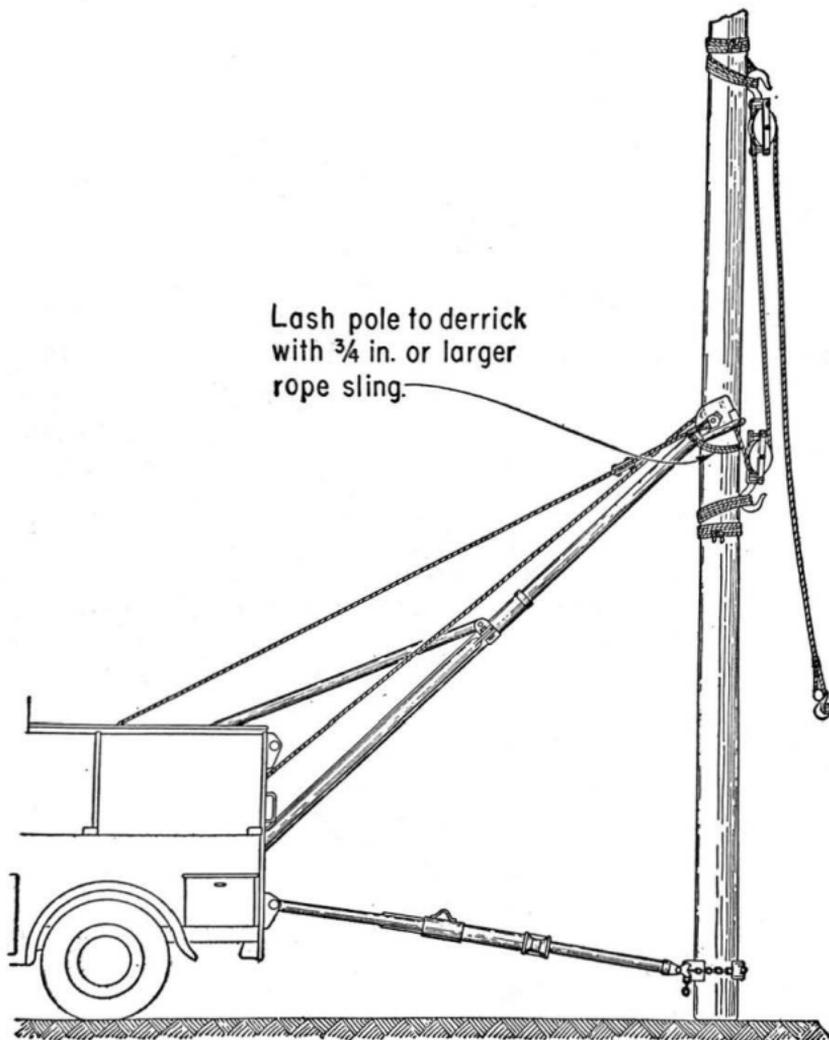




3.02 A special gin pole arrangement using a pole and a pole moving frame as shown may be found desirable for placing some of the longer poles. The pole to be used as a gin should be rigged on the ground as shown.



Raise the gin pole to a vertical position and attach the PM frame near the butt. Lash the pole to the head of the derrick with a $\frac{3}{4}$ -inch or larger rope sling or a construction chain. The winch line can then be released for use in setting the line pole.



It may be desirable to set the gin pole in a shallow hole. It may also be desirable to temporarily guy the top of the gin pole.