

# SURFACE SHUT IN METHODS FOR SIMULATOR ONLY



After observing Kick Warning Sign  
Pick Up & Space Out  
Pumps Off  
Rotation Off  
Flow Check Well\*

If positive - Shut In Well, If negative - drill 5 feet & Circulate Bottoms Up

## FAST SHUT-IN

With adjustable choke CLOSED  
OPEN - HCR Valve on Choke Line  
CLOSE - Upper Pipe Rams

## HARD SHUT-IN

With adjustable choke CLOSED  
CLOSE - Upper Pipe Rams  
OPEN - HCR Valve on Choke Line

## SOFT SHUT-IN

With adjustable choke OPEN  
OPEN - HCR Valve on Choke Line  
CLOSE - Annular BOP  
CLOSE - Adjustable Choke

### NOTE\*

If while drilling ahead  
gauges show increase  
in flow or pit gain  
Pick Up & Space out  
Turn Pumps & Rotation Off  
Go direct to Shut In  
DO NOT Flow Check

Confirm BOP is closed and holding  
Monitor Pressures  
Collect Pit Gain / Well Data  
Inform Supervisor