



Please draw/sketch the toolstring configuration for:

- 1) Drift run/tubing clearance check
- 2) Sinker bar run
- 3) Set and retrieve plug
- 4) Set and retrieve insert valve

3 & 4)

1)



drift

2)



sinker bar



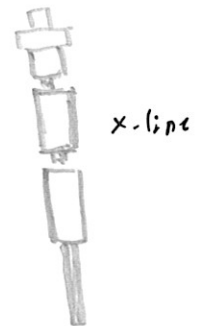
retrieve pulling



GS pulling tool

plug

Running



x-line

fixe insert valve.

*[Signature]*  
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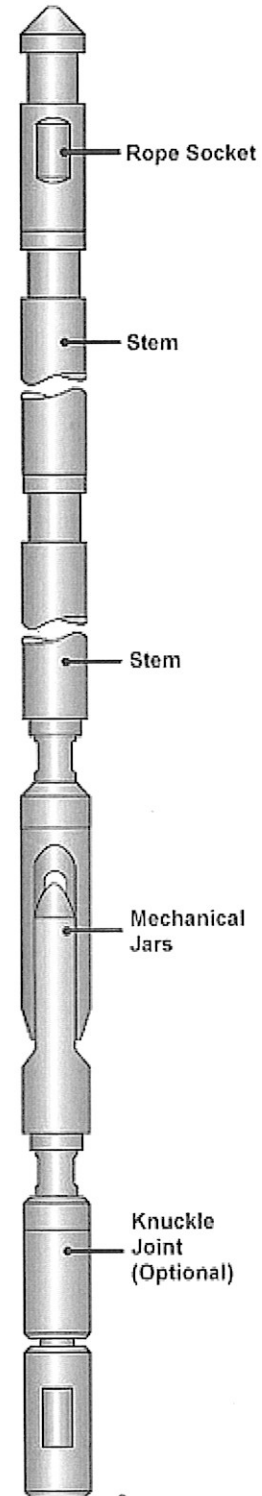
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**C. DOWNHOLE EQUIPMENT**

1. List out all basic running and pulling tools

No.	Items
1	rope socket
2	swivel joint
3	stem - mechanical - roller - tungsten
4	jar
5	knuckle joint
6	knuckle jar
7	blind box
8	lead impression block
9	gauge cutter
10	tubing swage
11	wire cutter
12	variball
13	tubing drift
14	J series pulling tools
15	R series pulling tools
16	S series pulling tools
17	kick over tools
18	x-line
19	G series pulling tool
20	tubing branch.



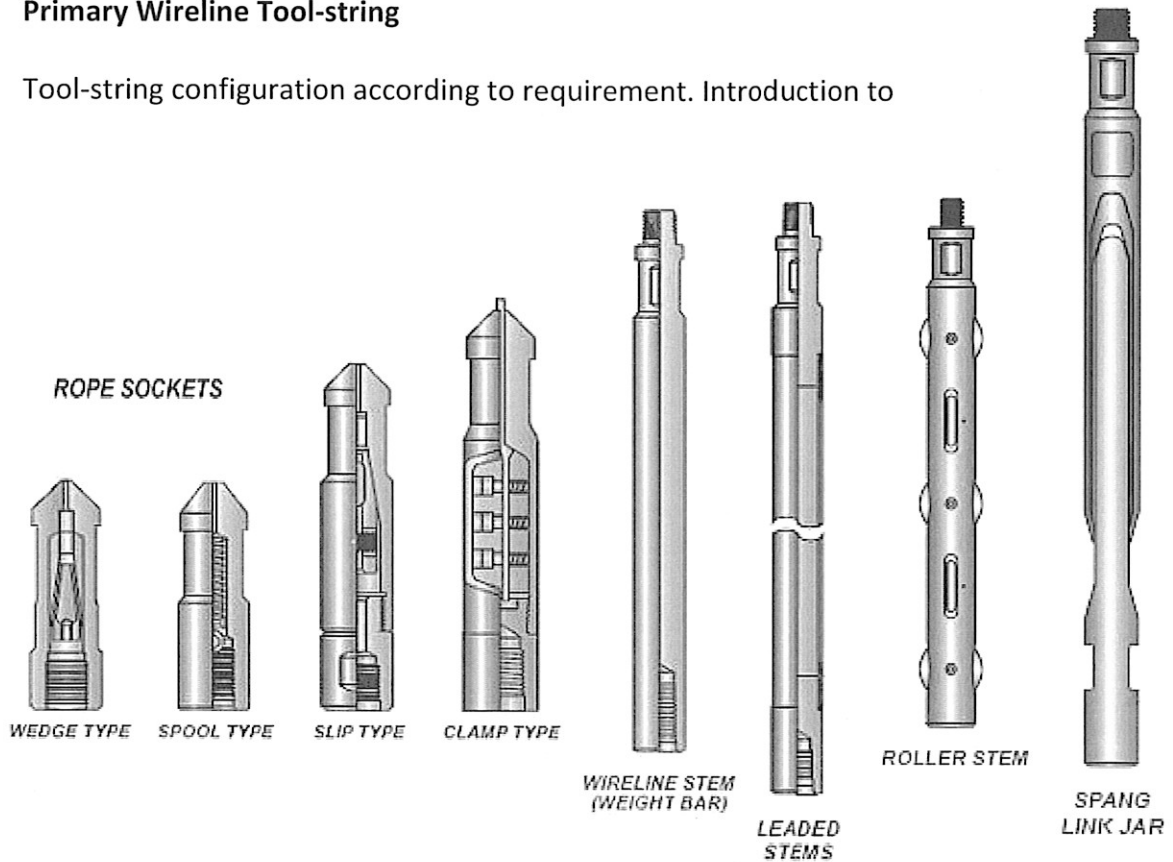
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**Primary Wireline Tool-string**

Tool-string configuration according to requirement. Introduction to



a) Rope sockets

- Provide a means for connecting the wireline to tool string.

b) Stem lead

- Used instead of conventional stem when additional weight per foot on given OD is required.

c) Tungsten stem

- tungsten stem provide extra weight and heaviest.  
- Assist operator to overcome the effect of friction, fluid, viscosity and pressure within well bore

d) Roller stem

- To reduces friction against tubing ID caused by the tool string sliding on tubing wall in high deviated well

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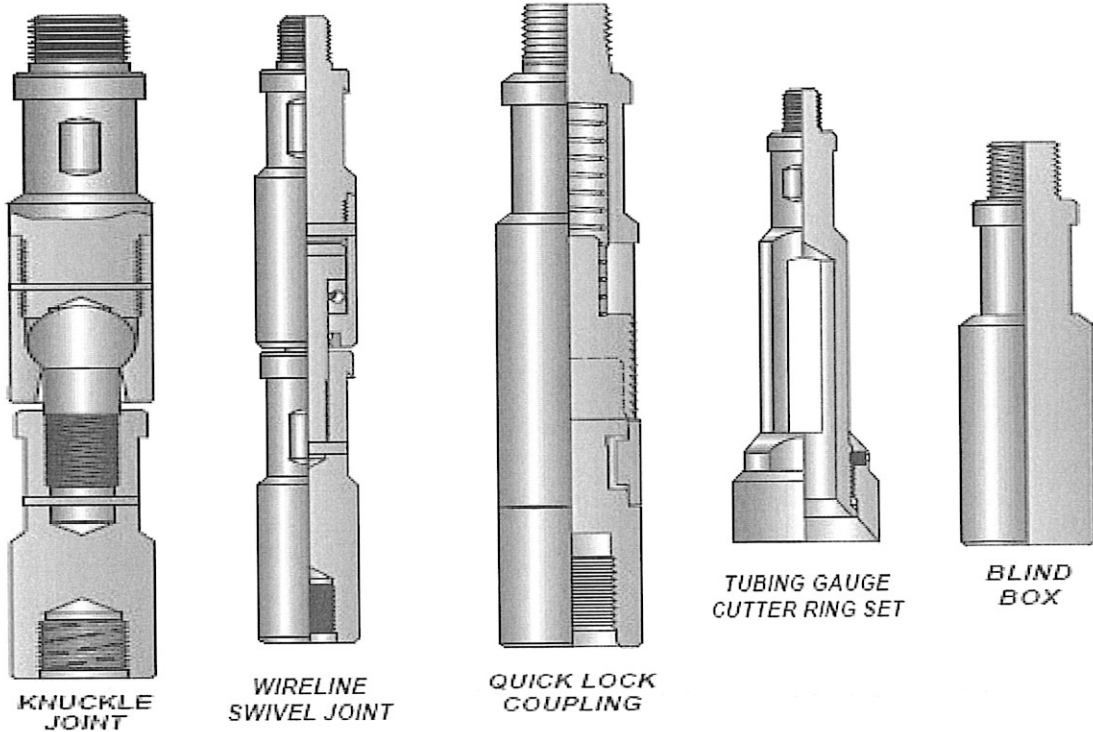
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e) Jars

- To deliver effective jarring down or up impact.



f) Knuckle joints,

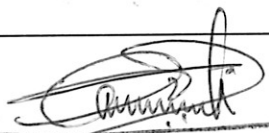
- Is designed for flexibility / running smoothly into a deviated tubing string / high angle hole.

g) Swivel joints,

To ensure free rotation of downhole tool string assemblies even when the tool string is held in significant tension.

h) Quick-lock coupling

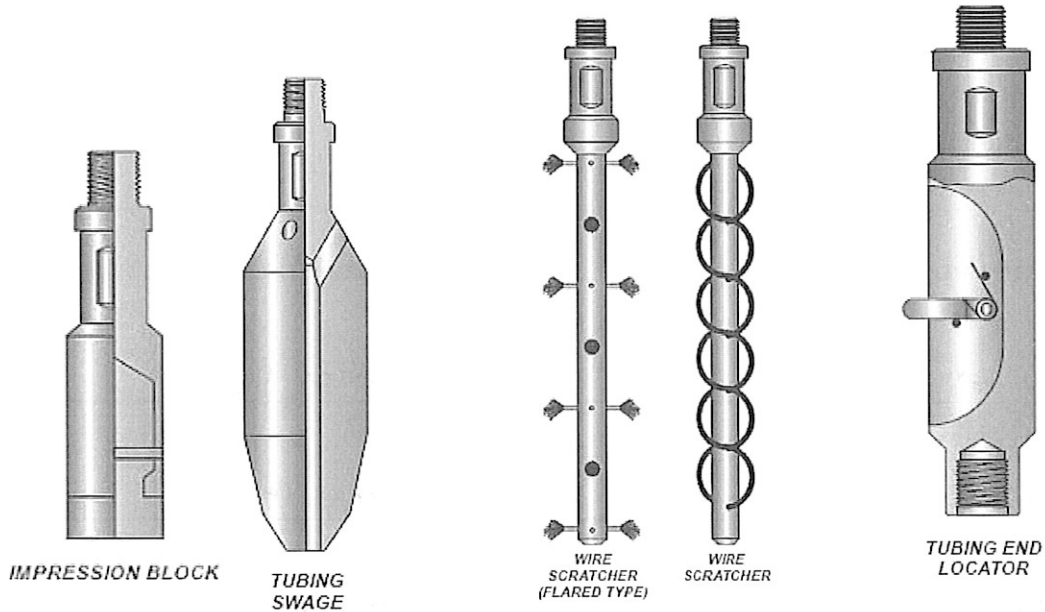
- Safe & strong method of tool coupling.

  
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- i) Gauge cutter,  
 - used to gauge the ID of tubing in which it is run act a tubing clearance.  
 - remove paraffin on inner surface of tubing.

- j) Blind Box  
 - used in fishing operation. when heavy downward jarring action is required



- k) Lead impression box  
 - used in fishing operation.  
 - Act as bottom hole camera.

  
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- l) Swage  
 - restore light collapse/dent in tubing  
 - used to remove large obstacles.



m) Wire scratcher

- To remove paraffin in inner surface of tubing

\_\_\_\_\_

\_\_\_\_\_

n) Tubing end locator

- to locate end of tubing and measure depth of tubing end at completor.

\_\_\_\_\_

\_\_\_\_\_


o) Wire recover tool

- Tool fish / retrieve the wire.

\_\_\_\_\_

\_\_\_\_\_

Fill up below Table

<p>A. Size of Wire that use at DB</p> <p>1. 0.108"</p> <hr/> <p>2. 0.125"</p> <hr/> <p>3. 0.140"</p> <hr/>	<p>B. Breaking point of each wire</p> <p>1. 2500 lbs</p> <hr/> <p>2. 3300 lbs</p> <hr/> <p>3. 4500 lbs</p> <hr/>
<p>C. Type of wire used at DB</p> <p>1. Zarbon</p> <hr/> <p>2. EIPS</p> <hr/> <p>3. ZAPP</p> <hr/>	<p>D. How to test if wire is good or not</p> <p>1. wire pull test</p> <hr/> <p>2. torsion test.</p> <hr/> <p>3. </p> <hr/> <div data-bbox="953 1886 1335 2033" style="border: 1px solid black; padding: 5px;"> <p>GAZALI MEHRY Operation Manager Dimension Bid (M) Sdn Bhd (East Malaysia Operation)</p> </div>



E. Why do we need to check on the tools before running in hole (RIH)?

- To ensure tool string is fully functioning.

F. What do we need to do if the tool is damage or lost in hole?

- stop work and report to town.
- prepare fishing plan.

G. What do we need to do if equipment failed to work?

- Report to town immediately
- minor trouble shot
- major - Request for mechanical technician.
  - " for new equipment (if equipment fail to function after repair)

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