Proposed tool string to set catcher sub

DIMENSION BID
WIRELINE INTERVENTION | PERFORATION SERVICES

BHA FOR SET CATCHER SUB

Field Name:	KINABALU	Client :	REPSOL			
Slickline Supervisor:		Well No:	KNDW D-117S	Rig Name:		
		Deviation	41 Deg	Date:		

	DESCRIPTION	CONNECTION BOX	CONNECTION PIN	OD (in)	Fishneck (in)	Length (in)	Accum. Lengt (in)
	1 -7/8" Rope Socket	1-7/8" QLS	NA	1 875"	1.750"	8.000	8.000
	1-7/8" Swivel Joint	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	12 000	20.000
	1-7/8" X 5' Normal Stem	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	60 000	80.000
	1-7/8" X 3' Normal Stem	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	36 000	116 000
	1-7/8" Knuckle Joint	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	10 000	126 000
	1-7/8" Spring Jar	1-7/8" QLS	1-7/8" QLS	1.875"	1 750"	40 000	166 000
	1-7/8" X 20" SSJ	1-7/8" QLS	1 7/8" QLS	1 875"	1.750"	60 000	226 000
	X OVER QLX X SR	1-1/16"	1 7/8" QLS	1.875"	1 750"	8.000	234.000
	3.00" GS PULLING TOOL	N/A	1-1/16"	2 750"	1.750"	12.000	246.000
	2.83" CATCHER SUB	NA	1-1/16"	2.78"	1.750"	36.000	282.000

BHA No:		BHA Length (in)	282 000
WL Run No:		BHA Length (ft)	23 500
Total BHA weight:	150 lbs		

. tool string to set catcher sub

DIMENSION BID
WIRELINE INTERVENTION | PERFORATION SURVEYS

BHA FOR SET CATCHER SUB

Field Name:	KINABALU	Client : REPSOL	
Line Supervisor		Well No: KNDW D-117S	Rig Name
		Deviation 41 Deg	Date

DESCRIPTION	CONNECTION BOX	CONNECTION PIN	OD (in)	Fishneck (in)	Length (in)	Accum. Length (in)
1 7/8" Rope Socket	1-7/8" QLS	NA	1.875"	1.750"	8.000	8.000
1-7/8" Swivel Joint	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	12.000	20.000
1-7/8" X 5' Normal Stem	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	60.000	80.000
1-7/8" X 3' Normal Stem	1 7/8" QLS	1-7/8" QLS	1.875"	1.750"	36.000	116.000
1-7/8" Knuckle Joint	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	10.000	126.000
1-7/8" Spring Jar	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	40.000	166.000
1-7/8" X 20" SSJ	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	60.000	226.000
X-OVER QLX X SR	1 1/16"	1 7/8" QLS	1.875"	1.750"	8.000	234.000
3.00" GS PULLING TOOL	N/A	1-1/16"	2.750"	1.750"	12.000	246.000
2.83" CATCHER SUB	NA	1-1/16"	2.78"	1.750"	36.000	282.000

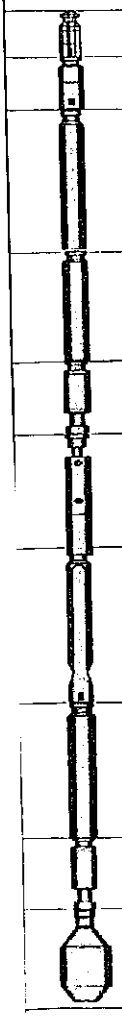
BHA No:		BHA Length (in)	282.000
WL Run No:		BHA Length (ft)	23.500
Total BHA weight:	150 lbs		

Proposed tool string configuration to run drift

DIMENSION BID
WIRELINE INTERVENTION | PERFORATION SERVICES

BHA FOR DRIFT RUN

Field Name:	KINABALU	Client :	REPSOL		
Slickline Supervisor		Well No.	KNDW D-117S	Rig Name:	
		Deviation	41 Deg	Date	



DESCRIPTION	CONNECTION BOX	CONNECTION PIN	OD (in)	Fishneck (in)	Length (in)	Accum. Length (in)
1 -7/8" Rope Socket	1 7/8" QLS	NA	1.875"	1 750"	8 000	8 000
1-7/8" Swivel Joint	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	12 000	20 000
1-7/8" X 5' Normal Stem	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	60 000	80 000
1-7/8" X 3' Normal Stem	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	36 000	116 000
1-7/8" Knuckle Joint	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	10 000	126 000
1-7/8" Spring Jar	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	40 000	166 000
1-7/8" X 20' SSJ	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	60 000	226 000
1-7/8" x 2 ft Normal Stem	1-7/8" QLS	1-7/8" QLS	1 875"	1 750"	24 000	250 000
X-OVER QLX X SR	1-1/16"	1-7/8" QLS	1.875"	1 750"	8 000	258.000
2 78 ' Drift	NA	1-1/16"	2 78"	1 750"	10 000	268 000

BHA No:		BHA Length (in)	268 000
WL Run No:		BHA Length (ft)	22.333
Total BHA weight:	150 lbs		

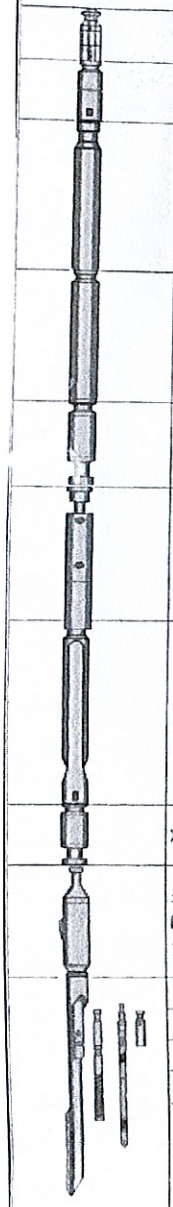
Please draw/sketch the toolstring configuration for:

1) Drift
2) Sinke
3) Set a
4) Set a

Proposed tool string configuration set and retrieve Gaslift Valve

DIMENSION BID
WIRELINE INTERVENTION | PERFORATION SERVICES

BHA FOR SET CATCHER SUB

Field Name:	KINABALU		Client :		REPSOL		
Slickline Spv:			Well No:		KNDW D-06	Rig Name:	
			Deviation		56 DEG	Date:	
	DESCRIPTION	CONNECTION BOX	CONNECTION PIN	OD (in)	Fishneck (in)	Length (in)	Accum. Length (in)
	1-7/8" Rope Socket	1-7/8" QLS	NA	1.875"	1.750"	8.000	8.000
	1-7/8" Swivel Joint	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	12.000	20.000
	1-7/8" X 5' Normal Stem	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	60.000	80.000
	1-7/8" X 3' Normal Stem	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	36.000	116.000
	1-7/8" Knuckle Joint	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	10.000	126.000
	1-7/8" Spring Jar	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	40.000	166.000
	1-7/8" X 20" SSJ	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	60.000	226.000
	X-OVER QLX X SR	1-1/16" SR	1-7/8" QLS	1.875"	1.750"	8.000	234.000
	3.00" OK6 KOT RUNNING TOOL + 1-1/14" JDC	N/A	1 1/16"	3.00"	1.750"	80.000	314.000
	BHA No:					BHA Length (in)	314.000
	WL Run No:					BHA Length (ft)	26.167
	Total BHA weight	150 lbs					

GAZALI MEHRY
Operation Manager
Dimension Bid (M) Sdn Bhd
(East Malaysia Operation)

1/3/2022

C. DOWNHOLE EQUIPMENT

1. List out all basic running and pulling tools

No.	Items
1	~~JDC~~ JDC
2	JVC
3	GR
4	GS
5	SB
6	SS
7	RS
8	RB
9	
10	X-line
11	R-R RN lock mandrel
12	SOJ - XN - test tool
13	A - A slip lock
14	D - D collar lock
15	JK - B/BL2 side pocket
16	
17	
18	
19	
20	

Pulling

Running

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Operation Manager
Dimension Bid (M) Sdn Bhd
(East Malaysia Operation)
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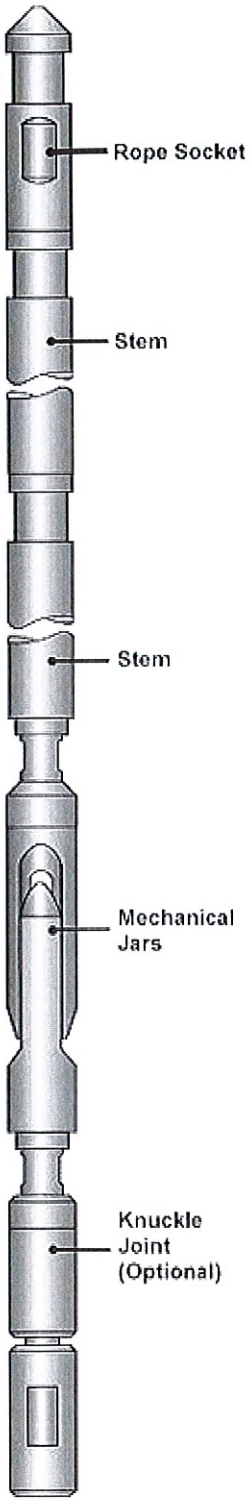


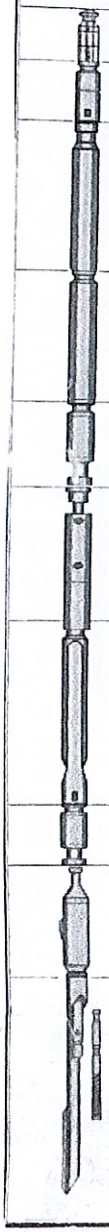
Please draw/sketch the toolstring configuration for:

1) Drift
2) Sinke
3) Set a
4) Set a

Proposed tool string configuration set and retrieve Gaslift Valve

DIMENSION BID
WIRELINE INTERVENTION | PERFORATION SERVICES

BHA FOR SET CATCHER SUB

Field Name:	KINABALU		Client :	REPSOL			
Slickline Spv:			Well No:	KNDW D-06	Rig Name:		
			Deviation	56 DEG	Date:		
	DESCRIPTION	CONNECTION BOX	CONNECTION PIN	OD (in)	Fishneck (in)	Length (in)	Accum. Length (in)
	1-7/8" Rope Socket	1-7/8" QLS	NA	1.875"	1.750"	8.000	8.000
	1-7/8" Swivel Joint	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	12.000	20.000
	1-7/8" X 5' Normal Stem	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	60.000	80.000
	1-7/8" X 3' Normal Stem	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	36.000	116.000
	1-7/8" Knuckle Joint	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	10.000	126.000
	1-7/8" Spring Jar	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	40.000	166.000
	1-7/8" X 20" SSJ	1-7/8" QLS	1-7/8" QLS	1.875"	1.750"	60.000	226.000
	X-OVER QLX X SR	1-1/16" SR	1-7/8" QLS	1.875"	1.750"	8.000	234.000
	3.00" OK6 KOT RUNNING TOOL + 1-1/14" JDC	N/A	1-1/16"	3.00"	1.750"	80.000	314.000
	BHA No:				BHA Length (in)		314.000
	WL Run No:				BHA Length (ft)		26.167
	Total BHA weight	150 lbs					

GAZALI MEHRY
Operation Manager
Dimension Bid (M) Sdn Bhd
(East Malaysia Operation)

1/3/2022

C. DOWNHOLE EQUIPMENT

1. List out all basic running and pulling tools

No.	Items
1	~~JDS~~ JDC
2	JVC
3	GR
4	GS
5	SB
6	SS
7	RS
8	RB
9	
10	X-line
11	R-R RN lock mandrel
12	SOJ-XN-test tool
13	A-A slip lock
14	D-D collar lock
15	JK-B/BK2 side pocket
16	
17	
18	
19	
20	

Pulling

Running

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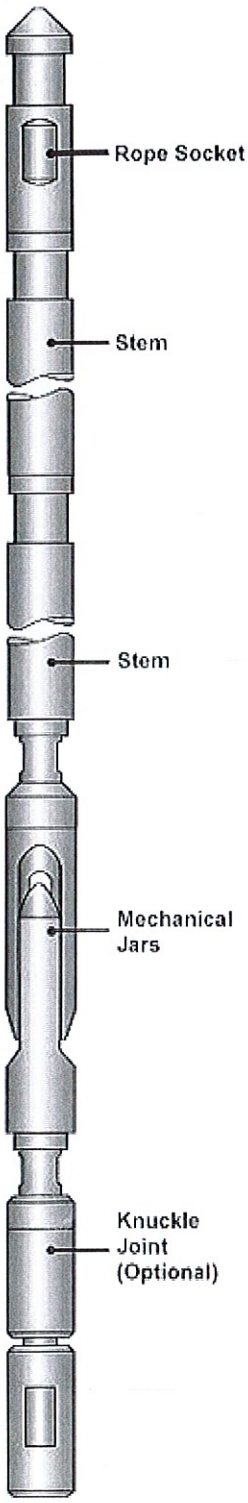
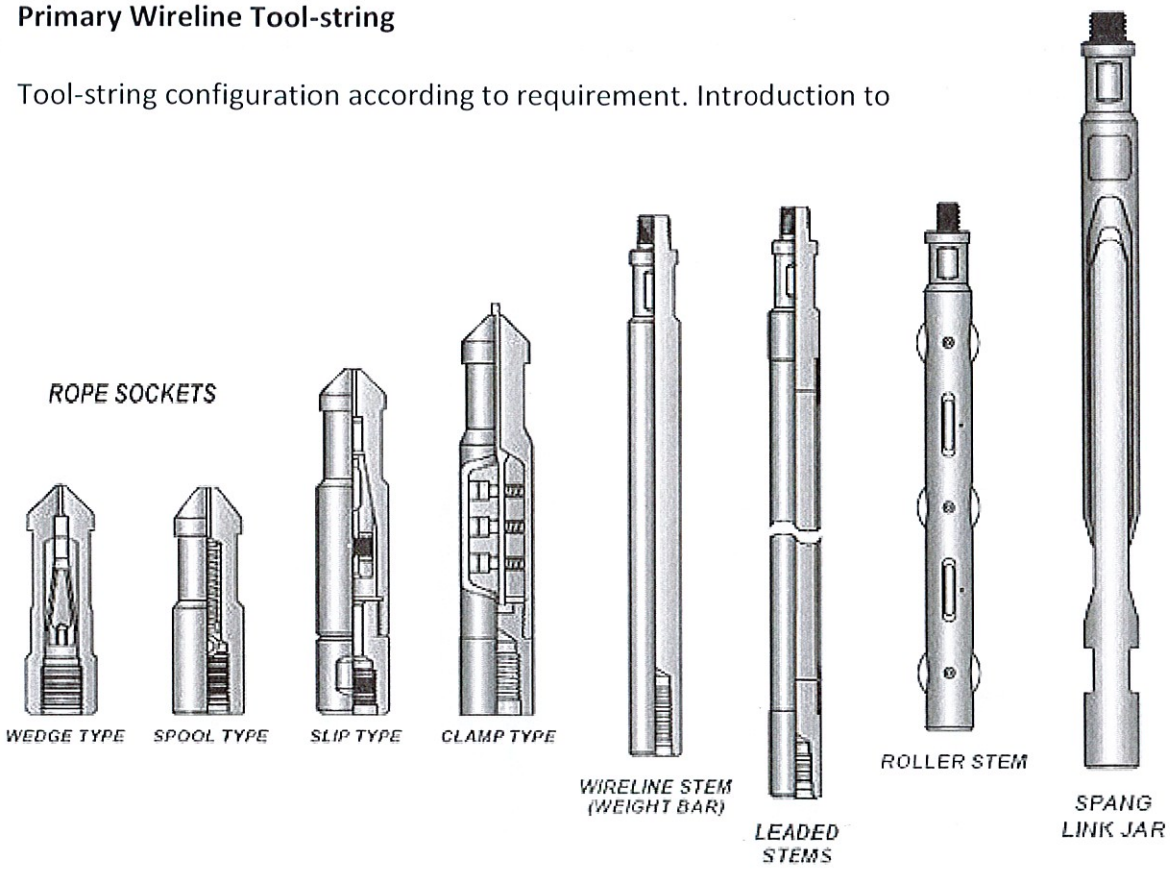
Operation Manager
Dimension Bid (M) Sdn Bhd
(East Malaysia Operation)
1/8/2022



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 and additional weight

c) tungsten stem
- Provide ~~xx~~ extra weight and heaviest
- Assist ~~operation~~ operator to overcome the effect of friction, fluid, viscocity and pressure within well bore

d) roller stem
- TO reduce against tubing ID caused by the tool string sliding on tubing wall in high deviated well

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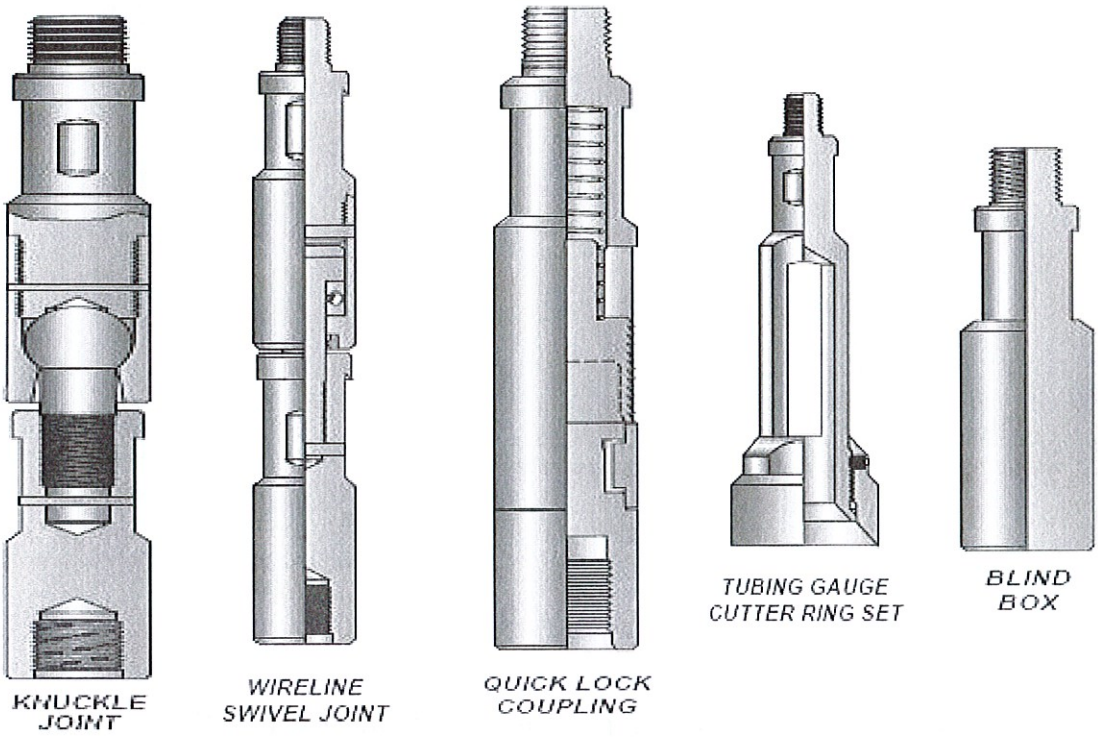
e) jars
- TO delievev effective jarring down on up ward impact



f) knuckle joints
- Designed for flexibility & running smoothly into a deviated tubing string

g) swivel joints,
- TO ensure ~~the~~ free rotation of down hole tool string assemble even when the tool string is hold ~~hold~~ in significant tension

h) quick-lock coupling
- safe and strong method of tool coupling

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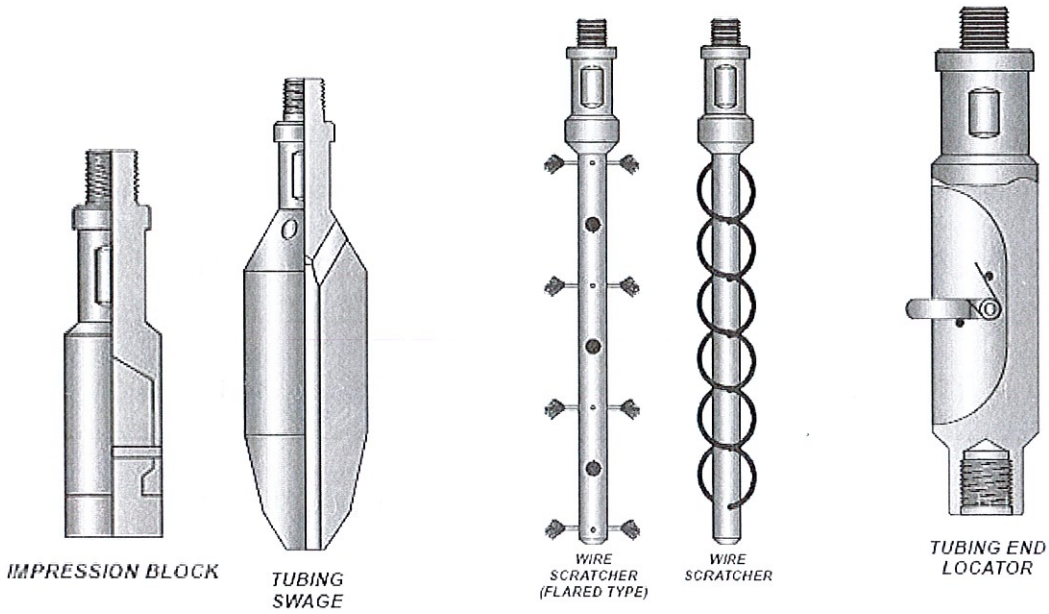
i) gauge cutter,
-Used to grove the ID at tubing in which it is run
-~~Tubing~~ Remove paraffin on inner surface of tubing

j) Blind Box
-Used in fishing operation when heavy downward jarring is required



k) lead impression box
- Used in fishing operation
- Act as bottomhole camera
- To obtain the impression of unknown tools within tubing string

l) swage
-Restore ~~tight~~ light collapse and depth in tubing
- Used to remove large obstacles

m) wire scratcher
* To remove paraffin in inner surface of tubing

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Operation Manager
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n) tubing end locator
-TO locate end of tubing and measure depth of tubing end of completion ✓

o) wire recover tool
-TO fish /retrieve the wire ✓

Fill up below Table

A. Size of Wire that use at DB	B. Breaking point of each wire
1. 0.108 inch	1. 2500 lbs ✓
2. 0.125 inch	2. 3300 lbs ✓
3. 0.140 inch	3. 4500 lbs ✓
C. Type of wire used at DB	**D. How to test if wire is good or not**
1. Zeron	1. Wire pull test ✓
2. Flps	2. Torsion test ✓
3.	3.

E. Why do we need to check on the tools before running in hole (RIH)?
-To ensure tool string is fully functioning ✓

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

- Report to the tomen
- Consult with wireline supervisor
- Prepare fishing plan

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

- Report to town (within 30-45 minutes)
- Minor troubleshoot
- Major - ROV for machine / technician
  - request for new equipment

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1/3/2022