Baker Hydraulic Release Overshot

Document No:00

Editor: Jalal Alali

2017.02

CONTENT

- ◆Introduction of Baker Hydraulic Release Overshot
- ◆Disassembly
- ◆Assembly

معرفی Baker Hydraulic Release Overshot

نحوی جدا سازی قطعات

نحوی سر هم کردن قطعات

Introduction:

The Hydraulic Relese Overshot Hs Been Designed To Allow Engagement With A Fish Having A Standard External Type Wireline Fishing Neck Looking Up. The Hydraulic Release Overshot Was Designed With Pump Through Capabilities Specifically For Coiled Tubing Applications. The Overshot Is Latched Up To The Fishing Neck By Applying Alight Set Down Weight At The Tool. If The Fish Can Not Be Freed, the Overshot May Be Released From The Fishing Neck By Flowing Through The Workstring. This Feature Prevents Having To Leave Any Part Of The Fishing Tool String If The Fish Is Left In The Hole. Leaving Any Part Of The Fishing String In The Hole Will Hamper Subsequent Fishing Operations.

The Hydraulic Release Overshot Has Been Designed To Be Used With Jaring Systems And Is Able To Handle Haigh Impact Loads Imparted By The Jar. The Design Uses A Collet Grapple To Latch Up To The Fishing Neck, However The Collet Fingers are Not Subjected To Tensile Loading.

معرفی:

Required hand tools

ابزار مورد نیاز

- Pipe Wrench
- Allen Key
- Rubber Hammer
- Bowl
- Flat Bar

Disassembly

- Place Top Sub In Vice

Unscrew Body From Top Sub

A

B

Remove The Body From The Assembly

A

B

- Reach Inside The Grapple With A HEX Socket (Allen) And Engage The HEX In The End Of The Mandrel

A

B

Break Out The Thread Between The Top Sub And The Mandrel

A

B

- Remove The Spring From The Top Sub , Then Remove The Grapple From The Mandrel

A

B

- Unsrew The Orifice Retainer From The Mandrel And Unload The Orifive From The Mandrel

A

B

A

B

Assembly

- Install the Orifice Inside The End Of The Mandrel And Secure It In Place With The Orifice Retainer

Slide Grapple Over End Of The Mandrel Untill The Grapple Bottoms Out

* Note: During Doing This It Will Be Necessary To Deflect The Grapple's Fingers Outward To Pass Over Large OD Section Of The Mandrel (It Will Prevent Damage To O-ring).

A

B

- Place Top Sub In Vice, Then Slide Spring Over Recessed End Of Top Sub

A

B

- Place Pin End Of Mandrel Through Spring And Make Up To Top Sub

  * Note: Tighten This joint By Using A HEX Socket With An Extension

A

B

- Once This Joint Is Tightened, Check To Make Sure The Grapple Is Free To Move Against Yhe Spring By Stroking It By Hand

A

B

Make Up Body To Top Sub

A

B

A

B