

Model 'CRP' Rotation Set Packer

The CRP packer is a rotation set packer designed to run below a down hole gas separator. It uses a Tubing Anchor Catcher to anchor the packer to the casing. After the packer is set there is no movement to wear out the slips or other parts, allowing it to stay set under the most severe conditions.

Special Features

- Short and compact
- •Inexpensive
- •Easy to set and release
- •Tubing can be left in tension, compression or neutral
- •Built in fluid bypass for running and retrieving

Running and Setting Procedure

Make up packer on top of tubing anchor by holding backup on lower mandrel of packer and wrench on bottom of anchor. Make up Gas Separator up on top of packer, hold backup on top sub of packer and wrench on bottom on gas separator. Make up pump seating nipple in top of gas separator and run in hole slowly to setting depth. Make sure all tubing joints are tight. Rotate the tubing to the left 5 to 7 rounds to set the tubing anchor. The tubing should torque up when the slips contact the casing, continue turning the tubing 3 to 4 rounds to shear the rotational shear screw in the packer and expand the packing elements. Hold torque on tubing while setting down and picking up to be sure the packer and anchor is securely anchored to the casing. Land the tubing with the desired amount of tension.

Releasing Procedure

Set 2000 lbs down on anchor and rotate to right until anchor releases.

Specification Guide

Casing				Packer			Base Product
O.D.	Weight lb/ft	Min I.D.	Max I.D.	Max O.D.	Max I.D.	Standard Thread Connections	Number
4	9.5 - 11.0	3.476	3.548	3.250	1.72	1½ EUE	43840
4½	9.5 - 13.5	3.920	4.090	3.750	2.00	2% EUE	43845
5	11.5 - 18.0	4.276	4.560	4.125	2.00	2% EUE	43850
5½	14.0 - 20.0	4.778	5.012	4.640	2.38	2% EUE	43855
5½	20.0 - 23.0	4.670	4.890	4.500	2.375	2% EUE	43854
6%	28.0 - 32.0	5.675	5.791	5.500	2.50	2% EUE	43865
6%	20.0 - 24.0	5.921	6.049	5.735	2.50	2% EUE	43865B
7	20.0 - 29.0	6.184	6.456	5.970	2.50	2% EUE	43870