

ComTAC™ Tubing Anchor

Rod Pump Thermal Compensating Anchor



Applications:

- Rod Pump Applications
- Multi-zone Projection Applications
- Temperatures from 0° to 500°F [-18° to 260°C]
- Index Working Pressures up to 5,000 psi [345 bar]

Benefits:

- Stabilizes Tubing String by minimizing tubing movement during Pump Jack applications
- Reduces Traveling Valve pump inefficiencies

Features:

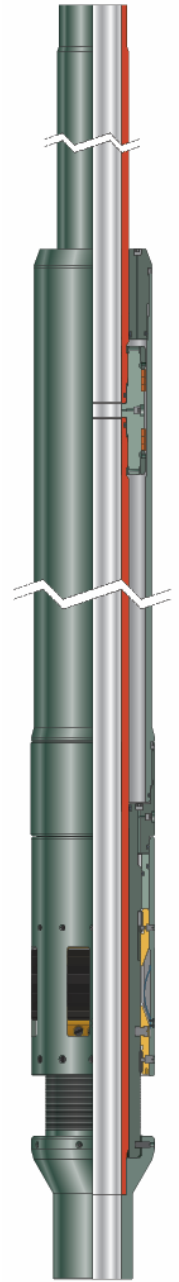
- Allows expansion and contraction of the Tubing String to compensate for thermal changes
- Increases productivity

Description

The Tejas ComTAC™ Thermal Compensating Tubing Anchor is designed to stabilize the tubing string in extreme temperature Rod Pump applications.

Tejas ComTAC™ systems are used in pump-jack production wells. ComTAC™ functions as a tubing anchor while pumping thus stabilizing the tubing string and compensating for axial tubing expansion during heating and cooling. Tubing stabilization increases pump efficiency thereby enabling a higher Productivity Index. Contact Tejas Research & Engineering today for more information about this simple addition to your injection completion design.

The ComTAC™ is run in production tubing below the liquid level. Once lowered to the target depth, pressurizing the tubing against the standing valve sets the ComTAC™ tubing anchor. As the temperature slowly changes during production, the tubing expands or contracts while the ComTAC™ allows the tubing to move axially relative to the anchor.



ComTAC™
Anchor

ComTAC™ Tubing Anchor Specifications†		
Casing Size	9.625 [244.5]	in [mm]
Casing Weight	36.0	ppf
Maximum OD	8.69 [220.7]	in [mm]
Setting Pressure	10,000 [690]	psi [bar]
Material Trim	4130/4140/4145	---
Temperature Rating	500 [260]	°F [°C]
Tubing Size	4.500 [114.3]	in [mm]
Tubing Inside Diameter	3.958 [100.5]	in [mm]
Tubing Weight	12.75	ppf
Tubing Tensile	270,040 [1,201]	lbf [kN]
Tubing Upper Connection	Premium Pin	---
Tubing Lower Connection	Premium Box	---
API-11D1/ISO-14310	Grade V3	---

† The engineering data provided illustrate the scope of this product offering and are not all inclusive. Additional sizes and functionality are available upon request.

Higher pressure ratings are available upon request