



Gas Anchor System

Works with your existing pumping equipment to elevate the production of high gas-to-oil wells

Quinn's easy-to-use Gas Anchor System works with existing equipment to improve the production of high GOR wells while eliminating the need for expensive and sometimes unreliable downhole tools.

The Gas Anchor System leverages gravity for natural separation of gas and fluid. Slots are cut into the top of the gas anchor housing and the bottom of the anchor is bull plugged so sediment can accumulate. The diameter of the gas anchor is calculated to limit the draw-down velocity of the fluid to less than 0.5 ft/sec so gas can separate from the liquid. The pump is landed in the PSN with a dip tube that extends off the end of the pump, into the housing and past the ports by 8 to 10 inches.

Fluid enters through the gas anchor top slots and gas separation occurs in the annular area between the dip tube and housing. Gas rises back up the housing and out the slots as gas-liberated fluid is drawn down into the dip tube. This process reduces the amount of gas through the pump, thereby increasing pump efficiency.

Advantages

- Reduces gas locking and decreases lifting costs
- Improves efficiency and production by allowing more fluid to pass through a pump
- Creates a natural system of gas separation so problem wells can be pumped conventionally

Specifications

Diameter	2.25 - 5.5 in
Length	14 in (standard, can be extended)



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