

SEAL WITH BELLOWS TYPE NOSE RING

ABSTRACT

A wellhead assembly 20 having concentric tubulars and a seal assembly 26 in an annulus between the tubulars. The seal assembly 26 includes an upper portion 28 having an annular body with a U-shaped cross section and a nose ring seal. The nose ring seal 30 has a bellows like cross section and provides sealing in the annulus and exerts a lockdown force onto one of the tubulars 22, 24. Metal inlays 46 are provided on the outer edges 45 of the folds 44 in the bellows and a compressible medium 48 is disposed between the folds 44.

Figure 1