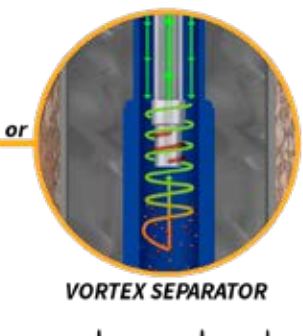
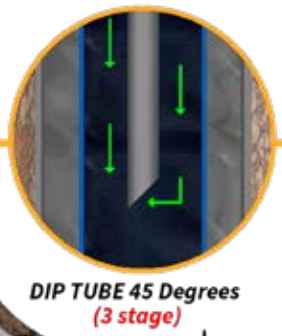
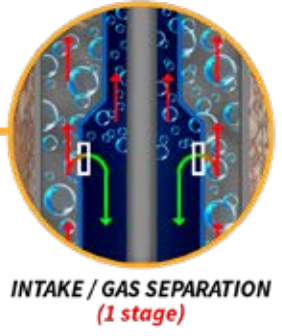
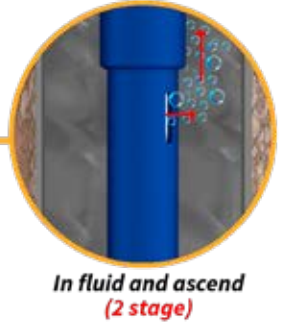
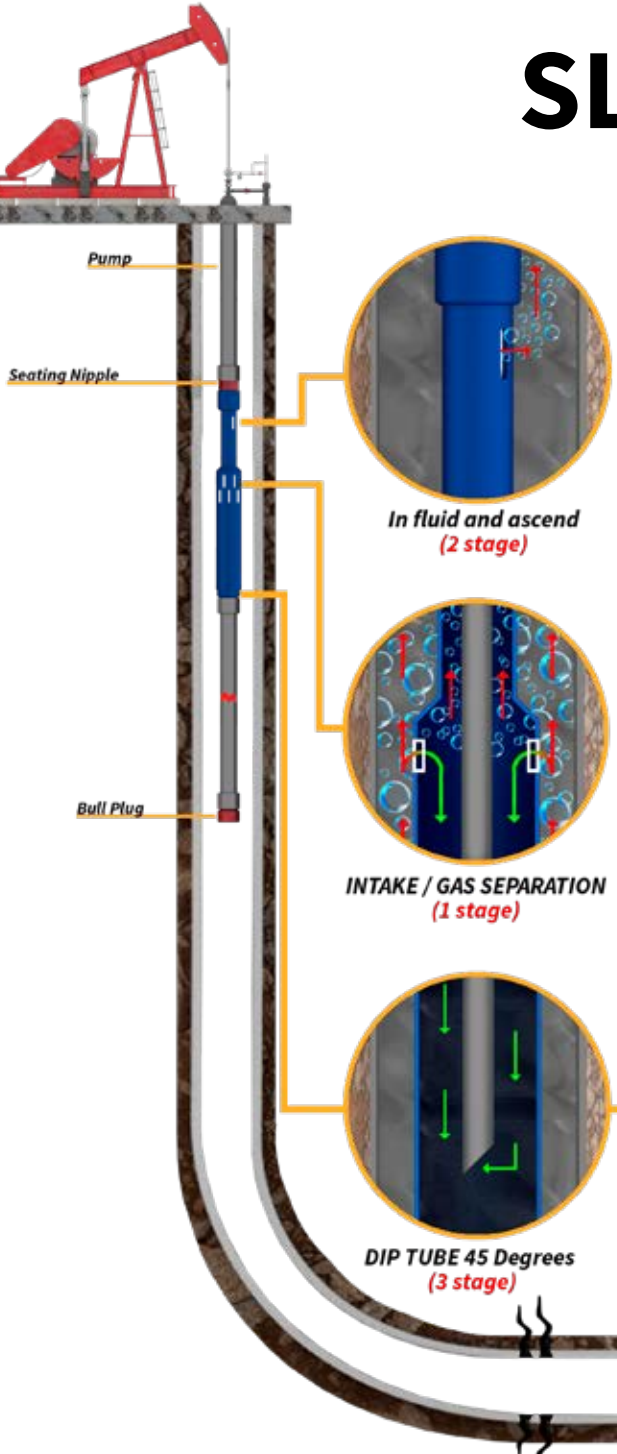


SLOTTED GAS SHIELD

The Odessa Separator Slotted Gas Shield is designed specifically for wells with high lifting costs associated with gas failures. The Slotted Gas Shield is made up of diffused intake ports which minimize gas entering the separator and a large body annulus, which reduces the fluid velocity allowing for gravity driven gas separation.

The fluid enters through the slotted intake, where the first stage of separation of free gas occurs in the annular gap "by mechanical action wherein the coalescence of gas particles occurs colliding directly with the slot," then the fluid travels down inside the housing of Slotted Gas Shield.



BENEFITS

- Mitigates the gas slugs.
- Reduces or Eliminates the Gas locking.
- Multiple stages of gas separation.
- Allows sand & gas separation when is combined with the Vortex Sand Shield.

Use your device by scanning the QR code



With Out Vortex VIDEO

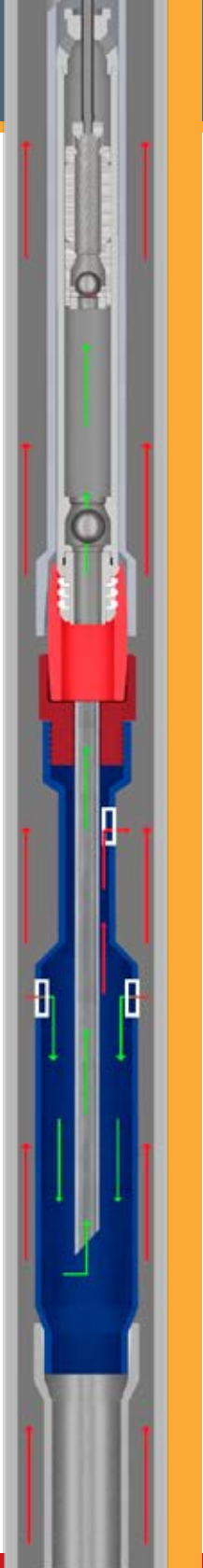
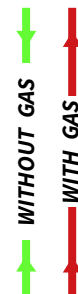


With Vortex VIDEO



AUGMENTED REALITY

HOW IT WORKS



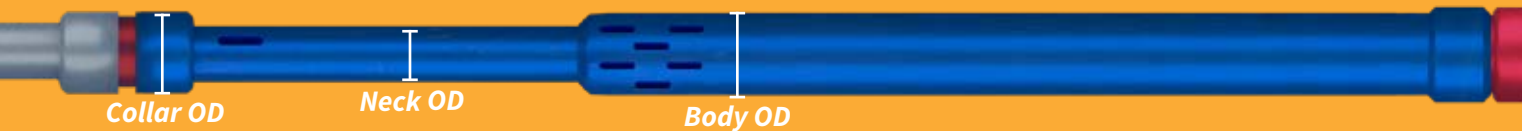
SLOTTED GAS SHIELD - GAS BODY

Technical Specifications for Slotted Gas Shield

Sizes	Neck (in)		Body (in)		Collar (in)		Intake Area (In ²)
	OD	ID	OD	ID	OD	ID	
2-3/8" x 3"	2.375	1.941	3	2.5	3.063	2.375	13.5
2-7/8" x 3-1/2"	2.875	2.441	3.5	3	3.668	2.875	18
3-1/2" x 5-1/2"	3.5	3.066	5.5	5	4.5	3.5	27

Technical Specifications for Slotted Gas Shield

Sizes	Neck (in)		Body (in)		Collar (in)	
	OD	ID	OD	ID	OD	ID
2 - 3/8" x 3"	2.375	1.941	3.000	2.500	3.063	2.375
2 - 7/8" x 3 - 1/2"	2.875	2.441	3.500	3.000	3.668	2.875
2 - 7/8" x 4"	2.875	2.441	4.000	3.500	3.668	2.875
2 - 7/8" x 4 - 1/2"	2.875	2.441	4.500	4.000	3.668	2.875
3 - 1/2" x 4 - 1/2"	3.500	3.066	4.500	4.000	4.500	3.500
3 - 1/2" x 5 - 1/2"	3.500	3.066	5.500	5.000	4.500	3.500



Pump

Seating Nipple

Slotted Gas Shield

OSI Bull Plug

Perfs

*The tool capacity is function of the well conditions: pump parameters, perforations zone, well inclination, gas volume, so on. To get an optimal design fill up the OSI's data sheet. Longer assemblies provide larger capacities.

For productions higher than flow chart please use multiple screens assemblies or contact 432-580-7111 for more technical assistance.