



TUBEX Cable Lift System

COST EFFECTIVE Artificial Lift for Stripper Wells

Economically Produce Low Volume Wells

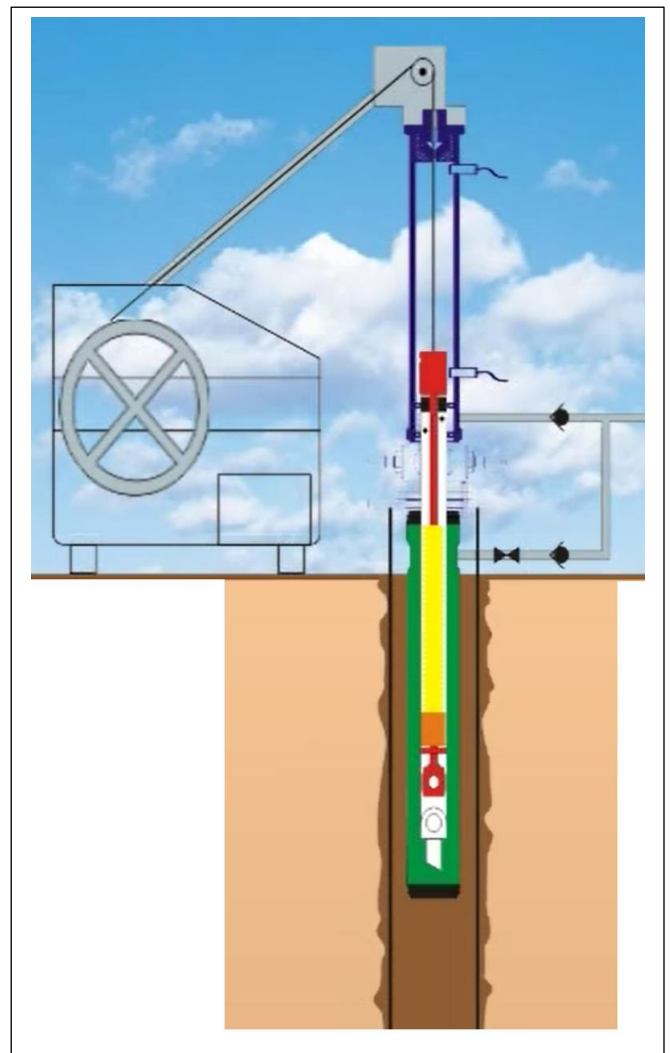
PROVEN IN OVER 1000



DEPTH PUMP API - STANDARD

- ◆ Pull rod 7/8" 20 feet
- ◆ Smooth metallic piston 2" x 3 feet
- ◆ Thin wall barrel 2" x 24 feet
- ◆ Valve seat tungsten carbide and titanium ball

Automated Control-OPTIMIZED
Continuous monitoring
RELIABLE
Very Low Power Consumption
Produce to 50 ft. to 5000 ft.
Produce 2 bpd to 15 bpd



A method to produce Mature Oil Wells that produce under 20 bfpd at minimum cost and initial investment. It makes low volume production profitable.



Advantages of the tubing less cable lift system.

It operates with a motor smaller than 5 horsepower

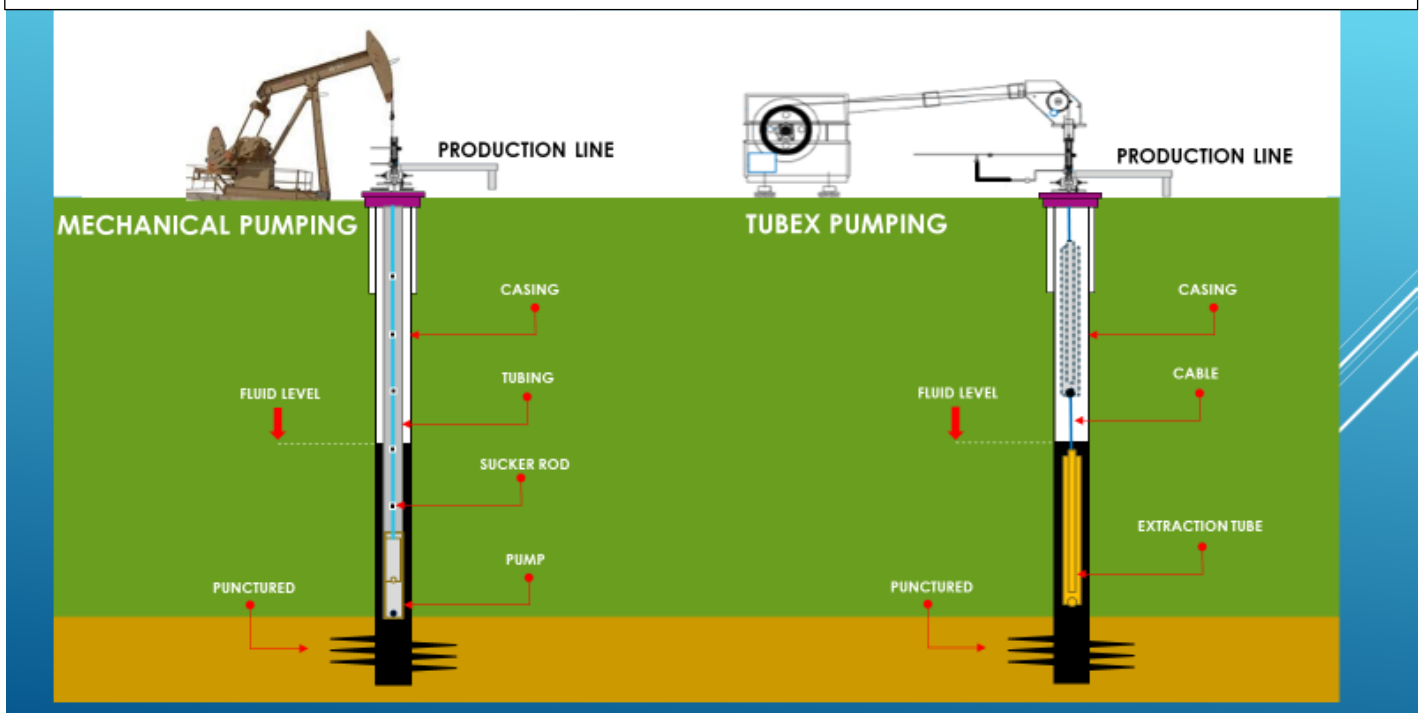
It can be installed with or without production tubing

No rig or wireline is required to install- It has everything it needs to do the installation

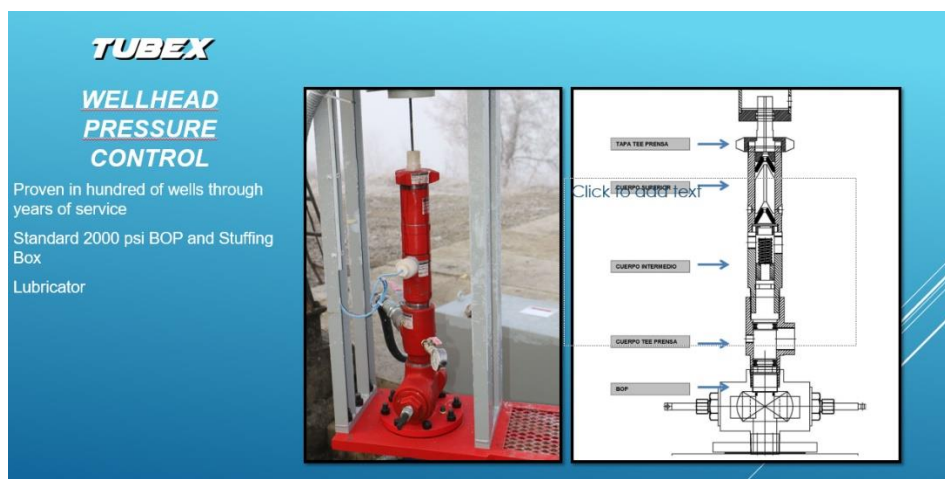
Includes sensors and controller to optimize and minimize failures

The system includes everything it needs to fix failures if they happen

Comparisons of the Tubing less cable lift system with the traditional beam pumping



SUPPLIED COMPLETE WITH ACCESSORIES



The unit has been operating successfully for over 10 years with over 1000 units installed in Brazil, Argentina and Peru.

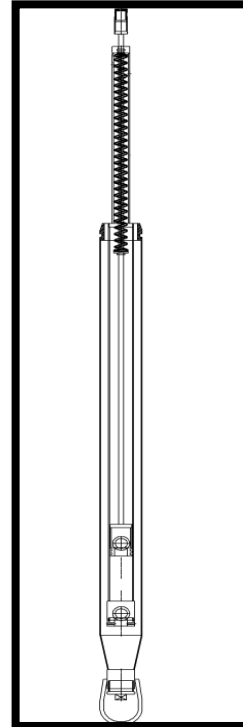
How it Works

A cable lowers a reverse rod pump to the fluid level and lower the pump below the fluid level, so it can skim oil from the top of the fluid into the pump, so both can be lifted to the surface with a cable spooling unit and pump it into the production flowline. Traveling valves and fixed valves assist this positive displacement pumping process that also eliminates gas interference effects. The process is no different from a swab unit or bailing process. A stop can be installed to prevent dropping equipment below the access depth.

The unit includes wellhead BOP, pumping tee, stuffing box and lubricator.

The unit built for the low volume oil well and it must lead to profit or we do not supply it. No capital investment is required. A monthly payment is based on production.

API Pump Components Assembled with Materials that Meet the Needs of the Well





TUBEX

**TECHNICAL
DESCRIPTION
(CONT)**

Production PUMP-TUBE

DESCRIPTION		RCG EQUIPMENT
DEPTH		Up to 5000 feet
REDUCER MOTOR		3 HP 3200 feet of cable 5 HP 5000 feet of cable
PRODUCTION PER DAY		at 2600 feet - 18 BPD at 4500 feet - 10 BPD
POWER CONNECTION		3 x 380/440 V - 3 x 220 V 2 x 220 V - 50/60 Hz
POWER CONSUMPTION		30 / 35 kWh per day
CABLE DIAMETER		7 mm (coated)
WEIGHT OF THE EQUIPMENT		1870 lb

LEVEL DEPTH	TUBE COLLECTOR DIAMETER	TUBE COLLECTOR LENGTH	LOADING TIME	DOWNLOADING TIME	CYCLES per DAY	EXTRACTION
1,600 ft	4"	28 ft	120 sec	100 sec	90	28 bpd
2,600 ft	4"	28 ft	120 sec	100 sec	60	18 bpd
4,500 ft	4"	28 ft	120 sec	100 sec	34	10 bpd

TUBEX

**TECHNICAL
DESCRIPTION**

Equipment

- ❑ Working depth up to 1,500 m
- ❑ Average power 4Kw
- ❑ 7 mm coated steel cable
- ❑ Weight 950 kg
- ❑ Electrical power supply:
 - 3x380 50 Hz
 - 3x440/460 /60 Hz
 - 3x220 60Hz
 - 2x 220 60Hz



TUBEX

**TECHNICAL
DESCRIPTION
(CONT)**

Production PUMP-TUBE

- ❑ Pull rod 7/8" 20 ft
- ❑ Spray metal 2" x 3 ft
- ❑ Thin wall barrel 2" x 24 ft
- ❑ Valve seat tungsten carbide and titanium ball



Limited to

1. Straight Vertical Wells
2. Minimum casing size: 4-1/2"
3. Well Depth: 5000 ft.

