

## 2007 Yanke Top Drive Super Single Drilling Rig

Completely overhauled / refurbished 2022-2023

### DRAWWORKS:

- Built in 2007, fully refurbished 2022
- Single drum grooved for 1 1/8" drilling line
- 2007 CAT C18 Diesel Engine, equipped with four hydraulic pumps operating the top drive, drawworks, tuggers, gun line centrifugal and pipe spinners.
- 2 hydraulic drawworks motors develop 40,000 ft/lbs of torque to the drawworks drum.
- Kobelt 48" aux. disk brake assist with 5026 caliper
- 5:5 Electric over hydraulic joystick control panel

### SUB STRUCTURE

Box on box structure built 2007, refurbished and inspection preformed 2021

- Dimensions: 14' wide X 24' long X 14' High
- 27 1/2" Table opening
- Tip and arrest hydraulic rams
- Plumbing for hydraulic, water and circulating lines
- 14.6' KB 13.3 Clear height
- 500Lb 3" Choke Manifold with 2-2" manual choke valves

### DERRICK:

Yanke built 2007 refurbished and inspected 2021

- Dimensions: 8' Deep X 10' Wide X 78' High
- 300,000 lb certification with (8) 1 1/8" lines
- (3) hydraulic powered winch lines, including two boom lines
- 4" 5000 lb Kelly hose and standpipe
- 2" cement/casing circulating hard line
- Hydraulic Pipe spinners with air ram for height adjustment
- Hawkjaw Unit(s) with make-up capability to 60,000 lbs and break-out capability to 80,000 lbs. up to 8" OD
- Crown-O-Matic
- Engineered Docs to modify derrick to Pull 500K available also.

### TOP DRIVE

150 Ton Yanke built in 2007 refurbished and inspected 2023

- Staffa hydraulic 2 gear rotary motor, Low gear 24,000 ft/lbs, High gear 16,000 ft/lbs
- Bail kickers with 9' X 2.5" Bails
- Rostel cushion sub
- 8 roller track
- Hydraulic actuated Kelly valve
- Hydraulic actuated caliper brake for directional drilling

### MUD PUMPS

- (2) Emsco F-1000 mud pumps
- Pump #1 with Mounted 2007 CAT C18 Diesel Engine
- Pump #2 with Mounted 2007 CAT C18 Diesel Engine
- Fully contained skids complete with 5X6 pinion driven charge pumps
- 20 gallon 5,000 psi pulsation dampeners
- 3" 5,000 psi shear relief valve

### MUD PIT

- 250 BBL Built in 2021
- 3 compartment mud system
- (1) lightning mixer
- 8x6 mixing centrifugal
- (3) Agitating gun Lines
- 30 BBL Pill Pit
- (2) Agitators

**PIPE HANDLING EQUIPMENT**

- Hydraulic controlled pipe bins
- (2) 42" High X 30' Long casing racks
- (2) 42" High X 35' Long pipe bins complete with hydraulic raising system

**CATWALK**

- Hydraulic controlled cat walk
- 42" high X 52' long
- Chain driven pipe skate with 45' stroke
- Hydraulic controls on end of walk and rig floor
- Pipe kickers

**Willing to sell as complete package or willing to seprate**

**AUXILIARY EQUIPMENT ALSO AVAILABLE FOR SALE AT ADDITIONAL COST:**

**(1) 180 kw / 225 KVA Enclosed Generator** Magnaplus Synchronus AC Generator Model #431CSL6208  
Powered by 2005 Caterpillar C9 - 8.8L 345 HP Engine (SN#: CLJ10425) 12,000 Hours

**(1) 2012 Ingersoll Rand Doosan G185 185 KW Generator** SN: PE6068L222045 / 10,368 Hrs.

**4" Drill Pipe:** 4,700' SS105, 15.70#, Range 3, DS38, 107 Joints (3 1/2" Compatible)

**4" Heavy Weight Drill Pipe:** 660'- HWDP Range 3 DS38

**Big Rig Trailers:**

