

2007 Yanke Top Drive Super Single Drilling Rig

(Fully California CARB Compliant) Completely overhauled / refurbished 2002-2023

DRAWWORKS:

- Built in 2007, fully refurbished 2022
- Single drum grooved for 1 1/8" drilling line
- 551 HP 2021 Volvo Tier 4 final California CARB Compliant motor, 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 cat 5 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 cat 5 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

TOP DRIVE

150 Ton Yanke built in 2007 refurbished and cat 5 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 2018 Catipillar C27 Tier 4 Final California Compliant Engine
- Pump #2 with Mounted 2021 Catipillar C27 Tier 4 Final California Compliant 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
- 5" X 6 "mixing / gun centrifugal
- (2) Brandt 2 panel cobra shakers
- (3) Agitating gun lines

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

AUXILIARY EQUIPMENT

- 250 BBL Water Tank / upper doghouse / tool room combination building
- 48' X 8' Doghouse / breakroom not included in rig footprint-Extra
- 20' X 8' tool room not included in rig footprint
- 4,000 gallon fuel tank with electric fuel pump
- Generator #1- 180 kw 225 KVA Enclosed
- Generator #2- 180 kw 225 KVA Enclosed
- Generator #3- 2012 Ingersaul Rand - Doosan 185 KW Generator (Tier 3)
- 4" Drill Pipe: 4,700' SS105 15.70# Range 3 DS38 & 606' of HWDP Range 3 DS38
- 2 Hawk Jaw Jr's Hyd Tongs & Power Unit

Everything Included Ready to work: (Willing to Separate Components)