Tasha
TASHA

Super premium self-elevating cantilever drilling rig independent legs (jack up) - 15,000 Psi Blow Out Preventer System - 3 ea. 7,500 PSI WP Mud Pumps - 3,000 HP Drawworks

Design : Friede Goldman Independent 3 Leg Cantilever Jack up: JU 2000E
Class : ABS A1, Self Elevating Drilling Unit
Dimensions/ LOA : 323.8 ft (98.7 m) x 250 ft (76 m) x 31 ft (9.6 m)
Maximum Water Depth : 400 ft (122 m) - Leg length below hull 477 ft (145 m)
Drilling Capacity : 30,000 ft (9,144 m with 5 ½” DP)
Power Main engines : Six (6) 3516 C-HD Caterpillar
Emergency generator : One C 32 Caterpillar
Drawworks : NOV ADS-10T 3000 HP rated 1.5M lbs with 14 lines – AC Variable Frequency Drive with KEMS system and 2ea disc brakes
Derrick : Derrick D-170 1.5M Hookload. 170ft clear height, base 40x40 ft. [12.2 m x 12.2 m], Static hook capacity of 1,500,000 lbs.
Traveling block : National Oilwell Varco, 1,500 kips [680m. tons] 750 short tons
Rotary table : National Oilwell Varco, RST 49 1/2” 750 ton
Mud Pumps : Three, (3 ea.) National Oilwell Varco, Model 14-P-220, 2200 hp, 7500 psi, 9” bore x 14” stroke
Top Drive : TDS 85A, NOV,
• 750 Short ton hoisting capacity (API 8C)
• 1x 1,150 hp AC motor
• 7,500 PSI working pressure
• Max Continuous Torque 67,000+ ft-lbs, Max RPM: 260
Cyber Drilling Control : One chair cabin with joystick, ADS Amphion Control System with Electronic Driller.
Iron Roughneck : Varco ST-120 primary Iron Roughneck. Varco ST-80 for offline stand building
Mud tanks : Active & Reserve Mud Pits 5,000 bbls [795cu.m], separate Brine tanks for 1,340 bbls [213 cu.m]. Slugging Pit Capacity 1 SO bbls [24cu.m]
Sack Storage : 5,000 sacks
Mud Process : Cascading Shaker System Gumbo Box Over Brandt Quint VSM 300 Shaker
• 5 ea Brandt finishing shale shakers, VSM 300
• 2 x Brandt DG-12 Degassers
• 1 x Desander (capacity 2,000 gpm);
• 1 x desilter (capacity 2,000 gpm);
• 1 x mud gas separator (capacity 40 mscfpd)
Fuel Capacity : 4,150 bbls [660 cu.m]
Diverter System : 1 ea. HYDRIL MSP, 29 ½”, 500 psi WP
BOP : 2 ea. x 18 ¼” Shaffer Double Ram 10,000 Psi OR 13 5/8”
• Double Ram 15,000 Psi
• 1 ea. x 18 ¼” Shaffer Annular 5,000 Psi OR 13 5/8” Annular 10,000 Psi
Choke Manifold: 15,000 psi, 2 kill and 2 choke line 3”
Drilling Pattern : 75 ft x 30 ft
BOP Control : Electro Flow Controls (EFC) BOP control unit
BOP Testing : 2 ea. BOP stumps and 1 unit 20K test pump
Crane : 3 ea. Liebherr, Pedestal mounted 75 Ton deck cranes, electro hydraulic with 120 ft booms, load monitoring and alarm
Cantilever Deck Crane : Manufacture : TTS Bohai, GP 735-15-28, pedestal mounted 10.5 tons @all radius, powered by EX/Electric over hydraulic
Helideck : Design for Sikorsky S-61-N
Living Quarters : 140 persons

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