



CONTRACTOR SERVICES INC

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Well Servicing / Swab Rigs

Technical Data Sheet

RIG #3 DICKIRSON SW-17

FEATURES AND SPECIFICATIONS

Mast Rating: Maximum hook load capacity: 20,000 lbs.

Drawworks: Single drum with 32" diameter flanges, 8 5/8" diameter drum core with minimum spooling capacity of 7,500' of 9/16" line. Two-plate 18" air tube disc clutch mounted on drum end making full floating drum. 20,000 lb bare drum single line pull.

Air operated spooling device with controls mounted on operator's side.

Double band brakes with 6" X 26" brake area (870 sq. in.). Brake bands are constructed from rolled stainless steel for maximum corrosion resistance and service life.

Mast Pole: Single telescoping type measuring 6" X 5" X 44' high when fully extended. Mast pole includes single sheave floating mast head with grooved sheaves accommodating a 9/16" line. Includes a DBI Sala Block fall protection device. Ladder provided on lower section, guylines running to front bumper and guyline holders on pole. Pole hinges at back of rig with lower section remaining upright allowing operator to back over wellhead before raising pole.

Maximum hook load capacity at 4 degree tilt: 20,000 lbs. when properly guyed.



FEATURES AND SPECIFICATIONS (continued)

Power Unit: Caterpillar C4 DITAAC four cylinder diesel engine, industrial type. Develops 120 hp @ 2,200 rpm. Engine is complete with 12 volt electrical system, safety shutdown switches, 12 CFM air compressor plus remote mounted gauge panel at operator's station.

Transmission: Eaton five-speed mechanical transmission with SAE Number 3 bell housing and 14" clutch. Transmission includes cable shift mode in lieu of linkage.

Hydraulic System: Rated at 32 gpm @ 2,500 psi. Includes transmission PTO unit, gear type hydraulic pump, return line filter, 30 gallon reservoir, and relief valve. Hydraulics plumbed to rear of rig for tong circuit.

Two rear and one front mounted hydraulic leveling jacks rated at 15 ton each.

Two way, power out, power in hydraulic pole raising and pole scoping cylinders.

8,000 lb capacity hydraulic winch mounted on lower pole with controls at operator's station. 188' of 3/8" stainless steel winch line.

Controls: Power unit controls, transmission shifter, hydraulic controls and all drawworks controls located at operator's station. Includes a folding aluminum operator's platform with foot throttle control.

Guards: Protective guards over all drive chains, drive shafts, etc. Oil-bath type on engine drive chain.

Units Available: (1) 1999 International/Dickirson SW-17 RIG #3

