



WFD Rig 350

GENERAL INFORMATION

Rig Type:	Self-Elevated Jackup
Design/Shape:	MLT Class 116-C Triangular
Builder:	Davie Shipbuilding, Lauzon, Quebec
Year Built:	1982
Class:	ABS
Accommodation:	83
Helideck:	S-61

MAIN DIMENSIONS

Hull Length:	243 ft
Hull Breadth:	200 ft
Depth:	26 ft
Legs:	3 x 477 ft Square
Spud Can:	46 ft diameter

OPERATING PARAMETERS

Water Depth:	22 ft – 350 ft
Rated Drilling Depth:	25,000 ft
Variable Deck Load:	5,204 Kips
Total Drilling Load:	1,250 Kips

POWER EQUIPMENT

Main Power:	5 x Caterpillar D-399TA (1,215 hp) diesel engines with 5 x KATO 600 VAC, 800 kW generators
Power System:	5 x Ross Hill SCR units
Emergency Power:	1 x Caterpillar D379

DRILLING EQUIPMENT

Derrick (L x W x H):	DSI 160 ft x 30 ft x 30 ft 1,250 Kips static hook load capacity
Drawworks:	National-Oilwell 1625 DE
Rotary Table:	National-Oilwell C-375
Top Drive:	Varco TDS-3H
Hoisting System:	500 sT
Pipe Handling:	Varco ST 80 Iron Roughneck
Mud Pump:	2 x National 12-P-160 triplex

STORAGE CAPACITIES

Fuel:	2,825 bbls
Drill Water:	12,521 bbls
Liquid Mud:	1,985 bbls
Potable Water:	1,795 bbls
Bulk Mud:	5,600 ft ³
Bulk Cement:	4,200 ft ³
Sacks:	5,000 sacks



WELL CONTROL SYSTEMS

Diverter:	1 x 21-1/4" Shaffer, 2,000 psi
BOP:	1 x 13-5/8" AXON Type 52 5,000 psi annular preventer 1 x 13-5/8" AXON 10,000 psi double ram preventer 1 x 13-5/8" AXON 10,000 psi single ram preventer
Control System:	CAD 500 US gal, 3,000 psi
Choke and Kill:	3-1/16" x 10,000 psi 1 manual and 2 hydraulic chokes
BOP Handling:	1 x 68 sT hoist & trolley system

OTHER EQUIPMENT

Cranes:	3 x Marathon LeTourneau PCM 120 100 ft boom 50 sT at 24 ft radius
Drill Pipe:	5" (4-1/2 IF) x 17,000 ft
HW Drill Pipe:	5" (4-1/2 IF) x 30 joints
Drill Collars:	8" (6-5/8" REG) x 6 joints 6-1/2" (4-1/2 IF) x 6 joints
Cementing Equipment:	Baker Hughes 15,000 psi

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