



WFD Rig 400

GENERAL INFORMATION

Rig Type:	Jackup 84-C Enhanced
Builder:	Marathon LeTourneau
Year Built:	1976; Upgraded in 2004
Class:	ABS
Accommodation:	82 Persons
Helideck:	S-61

MAIN DIMENSIONS

Hull Length:	261 ft
Hull Breadth:	227 ft
Depth:	26 ft
Legs:	3 x 511 ft Square Truss
Spud Can:	46 ft diameter

POWER EQUIPMENT

Main Power:	3 x EMD 16-645-E8 Diesel Engines
Emergency Power:	1 x Cat 3508B Diesel Engine

OPERATING PARAMETERS

Water Depth:	22 ft – 400 ft
Rated Drilling Depth:	30,000 ft
Variable Deck Load:	7,565 Kips
Total Drilling Load:	1,500 Kips
Leg Length Below Hull:	449 ft
Transit Draft:	20 ft
Drilling Window:	60' x 30'

DRILLING EQUIPMENT

Derrick (H x W x L):	National (160 ft x 30 ft x 30 ft) 750 sT static hook load capacity
Drawworks:	National 1625-UE
Rotary Table:	National C-375
Top Drive:	Varco TDS-4S
Hoisting System:	650 sT
Pipe Handling:	Forum Floorhand FH100
Mud Pump:	3 x National 12-P-160 triplex
Solids Control:	Brandt King Cobra Hybrid Shale Shakers, Mud Cleaner & Gumbo Box

STORAGE CAPACITIES

Fuel:	4,064 bbl
Drill Water:	11,991 bbl
Liquid Mud:	1,868 bbl
Brine or Base Oil Storage:	973 bbl
Potable Water:	1,294 bbl
Bulk Mud:	4,529 ft ³ Barite/Gel
Bulk Cement:	3,150 ft ³
Sacks:	2,500 sacks



WELL CONTROL SYSTEMS

Diverter:	1 x 21-1/4" Shaffer, 2,000 psi
BOP:	1 x 13-5/8" Shaffer 5,000 psi annular preventer 1 x 13-5/8" Cameron Type "U" 10,000 psi double ram preventer 1 x 13-5/8" Cameron Type "U" 10,000 psi single ram preventer
Control System:	Shaffer / CAD TD-280-3S 540 US gal, 3,000 psi
Choke and Kill:	3-1/16" x 15,000 psi 1-manual and 2-hydraulic chokes
BOP Handling:	1 x 25-ton hoist & trolley system

SAFETY

Lifeboats:	1 x Watercraft (58-person) 1 x BeiHai (44-person)
Life Rafts:	2 x Davit Launched (25-person) 2 x Hand Launched (25-person)

OTHER EQUIPMENT

Cranes:	2 x API Marathon LeTourneau PCM 120-AS Electric 120 ft boom 50 sT at 24 ft radius 1 x API Marathon LeTourneau 115 ft boom
Drill Pipe:	5" (4-1/2 IF) x 12,000 ft
Hevi-Weight 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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