



# WFD Rig 400

## GENERAL INFORMATION

Rig Type:	84-C Enhanced Jackup
Design/Shape:	MLT 84-CE Triangular
Builder:	Marathon LeTourneau
Year Built/Class:	1976; ABS Classed
Upgraded:	2004 & 2023
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
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'x30'	

## DRILLING EQUIPMENT

Derrick (L x W x H):	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 s
Drill Water:	11,991 bbl s
Liquid Mud:	1,868 bbl s
Brine and or Base oil Storage:	973 bbls/12.5# fluid
Potable Water:	1,294 bbls
Bulk Mud:	4529 ft <sup>3</sup> Barite/Gel
Bulk Cement:	3,150 ft <sup>3</sup>
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:	2 x 25-ton hoist & trolley system

## SAFETY

Lifeboats:	1 x Watercraft 58 man capacity 1 x BeiHai 44 man capacity
Life Rafts:	2 x Davit Launched 25 man 2 x Hand Launched 25 man

## 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 15,000 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 40-75-2, 15,000 psi

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