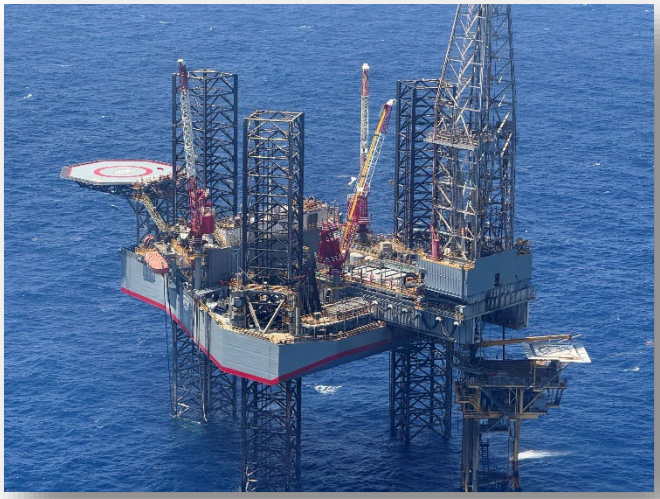
WFD Rig 450



GENERAL INFORMATION

Rig Type:	Jackup Super 116-C
Builder:	Marathon LeTourneau
Year Built	1999 Brownsville, TX
Class	ABS
Accommodation	82 Persons
Helideck:	S-61

MAIN DIMENSIONS

Hull Length:	243 ft
Hull Breadth:	206 ft
Depth:	26 ft
Legs:	3 x 544 ft Square Truss
Spud Can:	46 ft diameter

POWER EQUIPMENT

Main Power:	4 x Cat 3516-B Diesel Engines
Emergency Power:	1 x Cat 3516-B Diesel Engine

OPERATING PARAMETERS

Water Depth:	22 ft – 400 ft
Rated Drilling Depth:	30,000 ft
Variable Deck Load:	6,500 Kips
Total Drilling Load:	1,500 Kips
Leg Length Below Hull:	490 ft
Transit Draft:	20 ft
Drilling Window:	70’ x 30’

DRILLING EQUIPMENT

Derrick (H x W x L):	Loadmaster (170 ft x 35 ft x 32 ft) 750 sT static hook load capacity
Drawworks:	National 1625-UDBE
Rotary Table:	National C-495
Top Drive:	Varco TDS 4S
Hoisting System:	750 sT
Pipe Handling:	Forum Floorhand FH100
Mud Pump:	3 x National 14-P-2200 triplex
Solids Control:	Derrick SGX Shale Shakers, Derrick Mud Cleaner & Brandt Gumbo Box

STORAGE CAPACITIES

Fuel:	2,024 bbl
Drill Water:	14,217 bbl
Liquid Mud:	2,529 bbl
Brine Storage	794 bbl
Base Oil:	632 bbl
Potable Water:	1,658 bbl
Bulk Mud:	5,934 ft^3 Barite/Gel
Bulk Cement:	5,098 ft^3
Sack storage:	5,000 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:	CAD BOP Control 540 US gal, 3,000 psi
Choke and Kill:	3-1/16” x 10,000 psi 1-manual and 2-hydraulic chokes
BOP Handling:	2 x 50-ton hoist & trolley system

SAFETY

Lifeboats:	2 x Norsafe (Maggie) (90-person) P/S 1 x Norsafe Fast rescue boat (Merlin-615) w/144 HP Engine 4 x Viking Throw Over
Life Rafts:	Hand Launched 25-person each

OTHER EQUIPMENT

Cranes:	2 x API Marathon LeTourneau PCM 120-SS Electric,(Port/Stbd) 120 ft boom 50 sT at 24 ft radius 1 x API Marathon LeTourneau PCM 120 SS w/100 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 9 joints 6-1/2” (4-1/2 XH) x 12 joints
Cementing Equipment:	Halliburton Unit, 15,000 psi

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Rig specifications are intended for general reference purposes only. Actual equipment and specifications may vary based upon subsequent changes.

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