



# 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

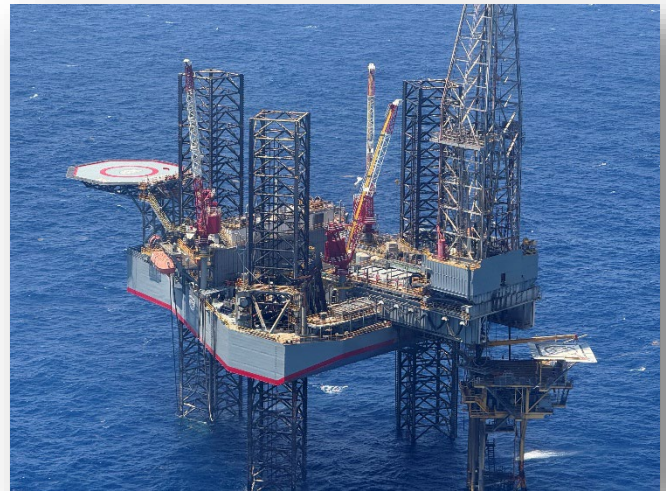
|                        |                |
|------------------------|----------------|
| Water Depth:           | 22 ft – 400 ft |
| Rated Drilling Depth:  | 30,000 ft      |
| Variable Deck Load:    | 6,500 Kips     |
| Total Drilling Load:   | 1,500 Kips     |
| Leg Length Below Hull: | 490 ft         |
| 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)<br>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<br>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 <sup>3</sup> Barite/Gel |
| Bulk Cement:   | 5,098 ft <sup>3</sup>            |
| 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,<br>5,000 psi annular preventer<br>1 x 13-5/8" Cameron Type "U"<br>10,000 psi double ram preventer<br>1 x 13-5/8" Cameron Type "U"<br>10,000 psi single ram preventer |
| Control System: | CAD BOP Control<br>540 US gal, 3,000 psi                                                                                                                                                  |
| Choke and Kill: | 3-1/16" x 10,000 psi<br>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<br>1 x Norsafe Fast rescue boat<br>(Merlin-615) w/144 HP Engine<br>4 x Viking Throw Over |
| Life Rafts: | Hand Launched 25-person each                                                                                                  |

## OTHER EQUIPMENT

|                         |                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cranes:                 | 1 x API Marathon LeTourneau<br>PCM 120-SS Electric,(Port)<br>120 ft boom 50 sT at 24 ft radius<br>2 x API Marathon LeTourneau<br>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<br>6-1/2" (4-1/2 XH) x 12 joints                                                                                               |
| Cementing Equipment:    | Halliburton Unit, 15,000 psi                                                                                                                              |

### Contact Information:

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