

# RIG #16 | 3000 HP

Drilling Rig Specifications

## HOISTING & STRUCTURE

|                    |                                                                          |
|--------------------|--------------------------------------------------------------------------|
| Drawworks          | National 1625 DE 3000HP driven by (3) GE 752 1000HP Motors               |
| Auxiliary Brake    | Baylor 7838                                                              |
| Hoisting Capacity  | 1,420,000# w/ 14 Lines / 1,250,000# w/ 12 Lines / 1,075,000# w/ 10 Lines |
| Mast Type          | IDS 154'                                                                 |
| Hook Load          | 1,400,000#                                                               |
| Racking Capacity   | 33,000' 5" / 30,000' 5-1/2"                                              |
| Substructure Type  | Box on Box 30'                                                           |
| Clear Height       | 22'                                                                      |
| Load Ratings       | 1,400,000# Casing / 800,000# Setback                                     |
| Rig Walking System | Veristic Walking System (Optional)                                       |
| Pad Capacity       | 150'x40' XY Axis                                                         |

## ROTATING & TRAVELING EQUIPMENT

|                   |                                  |
|-------------------|----------------------------------|
| Rotary Table      | SJPetro 37 1/2" Hydraulic Driven |
| Travelling Block  | Cont. Emsco 650 Ton 1-1/2"       |
| Top Drive         | NOV TDS-11SA 500 Ton             |
| Iron Roughneck    | Varco ST-80C                     |
| Hydraulic Catwalk | Forum                            |

## POWER PACKAGE

|             |                                         |
|-------------|-----------------------------------------|
| Engines     | (4) Cat 3512 Diesel                     |
| Diesel      | 18,000 gal                              |
| Bi-Fuel     | NA                                      |
| Generators  | (4) Kato 1365 KW                        |
| SCR Systems | (4) Omron Generator Bays / (4) SCR Bays |

## BOP EQUIPMENT

|                   |                      |
|-------------------|----------------------|
| Annular           | TBD                  |
| Single Ram        | TBD                  |
| Double Ram        | TBD                  |
| Accumulator       | 6 Station 180 Gallon |
| Choke Manifold    | 10,000 psi           |
| Mud/Gas Separator | Poor Boy Degasser    |

## TUBULARS

|            |     |
|------------|-----|
| Drill Pipe | TBD |
|------------|-----|

|                       |                                          |
|-----------------------|------------------------------------------|
| Drill Collars         | TBD                                      |
| MUD SYSTEM            |                                          |
| Mud Pumps             | (3) HH-1600 1600HP                       |
| Fluid Ends / Delivery | 7500 WP PSI Fluid Ends & Delivery System |
| Charging Pumps        | (3) 6x5x14 60HP                          |
| Process Pit           | (600 BBL) 4-Compartment w/ (3) Agitators |
| Suction Pit           | (600 BBL) 4-Compartment w/ (4) Agitators |
| Trip Tank             | (100 BBL) 1-Compartment w/ 10HP Agitator |
| Trip Tank Pump        | 4x3x13 100HP                             |
| Drilling Water        | 500 BBL                                  |
| SOLIDS CONTROL        |                                          |
| Shale Shakers         | (3) Brandt King Cobra Linear Motion      |
| Degasser              | Brandt D-1000-C                          |
| Desander              | NOV Brandt 3-10" Cones                   |
| Desander Pump         | 6x8 Centrifugal 100HP                    |
| Desilter              | NOV Brandt 20-4" Cones                   |
| Desilter Pump         | 6x8 Centrifugal 100HP                    |
| Mud Mixing Pumps      | 6x8x14 100HP                             |
| TRANSPORT             |                                          |
| Estimated Loads       | 45 Loads Plus Tubulars                   |