

## NDC Rig-14 (3000 HP)

<b>1. DRAW WORKS</b>	<p>Make &amp; Type: National, 1625UDBE            Rated Power: 3000 HP            Rated Load Capacity: 1,420,000 lbs            Drill Line Size: 1 3/8"            Auxiliary Brake: Eddy Current, Baylor 7838 (96,000 ft-lb @50 RPM)            Draw work Drive: 3 Ea DC Motors General Electric, 5GE752RIA, 1085 HP            Rated Depth: 25,000 ft with 5" DPs.</p>
<b>2. MAST</b>	<p>Make: Pyramid, Type: Cantilever            Clear Height: 160 ft.            Monkey Board Height: 85 ft.            Wind Rating: 80 MPH            API Static Hook Load: 1,500,000 lbs (14 Lines)            Racking Capacity: 400 stands of 5", 2 stands 9" DC, 4 stands 8" DC</p>
<b>3. SUBSTRUCTURE</b>	<p>Make: Pyramid, Type: Box on Box            Setback API Rated Load Capacity: 800,000 lbs            Rotary Load Capacity: 1,400,000 lbs            Clear height between Rotary Beams and ground Level: 30 ft            Rig Floor Height from ground Level: 37 ft</p>
<b>4. CROWN BLOCK</b>	<p>Make: Pyramid, Type: 60-8-750CB            Load Capacity: 750 Tons            Sheaves number &amp; size: 7 x 60" + 1 x 60" - 1 1/2"</p>
<b>5. TRAVELLING BLOCK &amp; HOOK</b>	<p>Make &amp; type: Oil Well, A-750            Load: 750 tons.            Sheaves &amp; size: 7x 68"</p>
<b>6. ROTARY TABLE</b>	<p>Make &amp; Type: National C-495            Rated Capacity: 800 Tons            Size: 49 1/2"            Max. RPM: 350            Driven By: 1 Ea DC Motors General Electric, 5GE752RIA, 1085 HP.</p>
<b>7. ROTARY SWIVEL</b>	<p>Make &amp; Type: National P-650            Rated Capacity: 650 Tons            Rated Pressure: 5,000 PSI</p>
<b>8. TOP DRIVE</b>	<p>Make &amp; Type: NOV TDS-3.            Rated RPM: 178            Drilling Torque: 34,700 ft-lb, Max. Torque: 46,200 ft-lb            Rated Capacity: 500 Tons.            Pipe Handler: PH-60, Torque Capacity: 60,000 ft-lb</p>
<b>9. DEAD LINE ANCHOR</b>	<p>Make &amp; Type: Hercules, HA130T            Line Pull Capacity: 130,000 lbs.            Load Sensor, MD, E80, Compression</p>
<b>10. DRILLING LINE</b>	<p>1 1/2" IWRC 6x19.            Rated Pull Capacity: 250,000 lbs</p>
<b>11. RIG POWER SYSTEM</b>	<p>4 Ea. Cat. 3516, 1,780 KW, AC Gen. Sets            SCR: GE MicroDrill 3000- 8 Bay</p>
<b>12. MUD PUMPS</b>	<p>Make &amp; Type: 3 Ea National, 12-P-160            Rated Input Power: 1,600 HP ea.            Driving Motors: 2 ea DC Motors, RK 2 IVUE, 660 KW for each pump            Rated Pressure: 5,000 PSI</p>
<b>13. MUD TANKS</b>	<p>Active Volume: 3,276 bbl's            Water Tanks Volume: 400 bbls</p>
<b>14. SOLID CONTROL SYSTEM</b>	<p>Shale Shaker: 1 ea Derrick, Flo Line 58, 2 Ea Swaco, Mongoose            Mud Cleaner: Brandt, Desander 2x12" Cones, Desilter 18x4" Cones            Degasser: MI-SWACO, Standard</p>
<b>15. BLOW OUT PREVENTER</b>	<p>21 1/4" - 2,000 PSI Hydril, MSP Diverter            13 5/8" - 10,000 Psi Hydril, GK Annular BOP.            13 5/8" - 10,000 Psi Shaffer, Type SL, Double Ram.            13 5/8" - 10,000 Psi Shaffer, Type SL, Single Ram.            Choke Manifold: MCM, 3 1/16"-10,000 Psi            Accumulator: Shaffer, NL, 25400-3S, 10 Stations, 40 Bottles, 400 Gal</p>
<b>16. SAFETY EQUIPMENT</b>	<p>Adequate for operation</p>
<b>17. MINI CAMP</b>	<p>Adequate for contractor &amp; client.</p>

