



HOISTING, ROTATING & PIPE-HANDLING EQUIPMENT

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| Drawworks | Alta ARS-1513 rated @ 1500 hp / 800k# hoisting capacity driven by (1) AmeriMex AMD1500 AC drilling motor rated @ 1500 hp |
| Rotary Table | Rig Componets RC-275 (27-1/2") independent hydraulic drive |
| Traveling Block | Veristic Technologies VT400-652 (400 ton) |
| Top Drive | Varco TDS-11SA (500 ton) rated @ 800 hp |
| Iron Roughneck | Varco ST-80 |
| Hydraulic Slips | NOV PSF-01 Power Slip Frame |
| Hydraulic Catheads | NOV HC-26EV |
| Hydraulic Catwalk | CanRig PowerCAT 3000 |
| Pipe Handling | NOV STV-10 Hydraulic Pipe-Racking System |

MAST & SUBSTRUCTURE

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|----------------------------|---------------------------------------|
| Mast Design | Veristic Technologies Rocket-D |
| Height | 144' |
| Load Rating | 800k# Static Hook Load (12 lines) |
| Racking Capacity | 21,000'+ 5" DP / 930' 8" DC |
| Substructure Design | Veristic Technologies Rocket-D |
| Floor Height | 23' |
| Clear Height | 20' |
| Load Ratings | 800k# Casing / 600k# Setback |

TRANSPORT

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| Estimated Loads | 48 (less tubulars) |
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DRILLING CONTROL SYSTEM

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| Driller's Cabin | Omron climate-controlled and pressurized cabin with fully-integrated electronic controls and instrumentation |
| Drilling System | Omron Precise control system w/ ergonomic driller's workstation |

POWER PACKAGE

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|-------------------|---|
| Engines | (3) Cat 3512C rated @ 1476 hp |
| Bi-Fuel | (3) Cat DGB kits |
| Generators | (3) Kato 6P6-3150 rated @ 1204 kW / 1720 kVA / 0.7 pf |
| VFD System | Omron w/ (3) generator bays, (5) inverter bays, and (10) sections Allen-Bradley MCC |

BOP EQUIPMENT

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|--------------------------|--------------------------------|
| Annular | Cameron 13-5/8" 5M T90 |
| Single Ram | Cameron 13-5/8" 10M Type U |
| Double Ram | Cameron 13-5/8" 10M Type U |
| Accumulator | Cameron 7-station / 220 gallon |
| Choke Manifold | Cameron 4-1/16" 10M |
| Mud/Gas Separator | Ledet 4'OD x 20'L |
| BOP Handler | Veristic Technologies BHT-G6 |
| BOP Winches | (2) JD Neuhaus EH-20 (20 ton) |

MUD SYSTEM

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| Mud Pumps | (3) HongHua HHF-1600 triplex rated @ 1600 hp / 7500 psi, each driven by (2) AmeriMex AMD800/1150 AC motors rated @ 800/1150 hp |
| Charging Pumps | (3) 6x5x14 @ 50 hp / 1200 rpm |
| Process Pit | (640 bbl) five-compartment w/ (3) 10 hp mud agitators |
| Suction Pit | (620 bbl) four-compartment w/ (5) 10 hp mud agitators |
| Auxiliary Premix Pit | N/A |
| Trip Tank | (128 bbl) one-compartment w/ (1) 10 hp mud agitator |
| Trip Tank Pump | 4x3x13 @ 30 hp / 1200 rpm |
| Shale Shakers | (3) Brandt King Cobra linear-motion |
| Degasser | NOV D-1000-C vacuum style |
| Desander | NOV 3-cone / 10" |
| Desander Pump | 8x6x14 @ 100 hp / 1200 rpm |
| Desilter | NOV 20-cone / 4" |
| Desilter Pump | 8x6x14 @ 100 hp / 1200 rpm |
| Mud Mixing Pumps | (2) 8x6x14 @ 100 hp / 1200 rpm |

STORAGE CAPACITIES

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| Drilling Water | 1,000 bbl |
| Diesel | 21,000 gallons |

TUBULARS

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| Drill Pipe | (22,000') 5" 19.50# S-135 NC50 DP (30) 5" NC50 HWDP |
| Drill Collars | (6) 6-1/2" NC46 DC (6) 8" NC56 DC |

PAD DRILLING (OPTIONAL EQUIPMENT)

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| Rig Walking System | Veristic Technologies Rig Walker rated @ 2.4MM lbs lift and X-Y-Z axis walking capability with full setback load |
| Pad Capability | RKTD SuperPad w/ up to 200' x 60' of travel (X-Y) on 10' spacing increments (rig-specific setup to be verified) |