

Stampede Drilling Ltd. – Rig # 4 Equipment List



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| Substructure: | Hodgson ST14-14.2 – 400G |
| Mast: | Hodgson MT 106-9.5-400G |
| Crown Block: | Hodgson Designed |
| Drawworks: | REV 850 HP with drum Lebus grooved for 1 1/8" drilling line. REV Right Angle Drive, Eaton 36" Brake (with double piston) |
| Drawworks Engine: | One (1) Cummins QSX 19 780 HP |
| Rotary Table: | RG-205 50.5" opening c/w leader protective mat. |
| Mud Pump: | Two (2) Workforce 1300 input HP triplex (F1000 style), All discharge lines are 5000# |
| Pump Engine: | Two (2) Cummins QSX 23 L 950 HP at 2100 RPM |
| Pump Clutch: | Rouse Industries Two Speed |
| Pump Building: | Two (2) 13'10" X 40' with overhead suction & discharge – building is unitized |
| Combination Building: | 8' x 12' TC 44 fuel tank, tool room w/ Cat 550 pressure washer, gen/accumulator/electrical room |
| Light Plant: | 1 (One) Cummins QSX 15 450 kw at Prime Gensets |

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| Rig Lighting: | LED lighting for derrick, interior buildings and all floodlights |
| Dog house/ Water Tank: | Water tank 12' wide X 29' long X 8' high (500 bbls) (75 m ³) Change room 12' wide X 10' long. Dog house 120" wide X 27' long, raised by Cables. Slide out 6' wide x 11' long x 7' tall, inside all stainless steel. c/w explosion proof a/c |
| Boiler Building: | 125 HP boiler (2 pass) Saskatoon Boiler 12' X 45', boiler room – 12' X 28' Skid design 3 runners, Water tank 12' X 10', TC 44 fuel tank 12' X 42" |
| Hydraulic Cat Walk: | Ja-Co Hydraulic Catwalk. Design and specifications include: hydraulic remote controls and high pressure (5,000 psi) flex hose between BOP & cat walk to facilitate rig up. |
| Pipe Tubs: | Total of six (6) pipe tubs (four standard tubs, one enclosed, one 50' pipe tub) all pipe tubs are triple skid. |
| Pipe Racks: | Four (4) – 30 ft. engineered pipe racks, Diamond style with extra-long pins to allow double stacking of casing. |
| Mud tank: | Size, specifications, and design include, agitators, guns, valves, line sizes, etc. Rig pump suction design accommodates the installation of a second pump, so that 2 pumps may be run in parallel. Suction size is six (6) inch diameter; mud tank has 65 m ³ capacity and an enclosed roof. |
| Mixing Pump: | 3 – 6 x 5 x 11 Mission pumps |
| Mixing Hopper: | Swaco |
| Shale Shaker: | Brandt King Cobra Mongoose |
| Rig Matting: | 10 – 7' x 20', 4 – 7' x 16', Rat-hole and sheeted mats. |
| Accumulator: | 5 station (annular, pipe, blind, HCR, spare) consolidated pressure control, PLC supplied by Mustang Controls |
| Travelling Block / Hook: | 250 Ton Travelling Block, 5 sheaves grooved for 1 1/8" drilling line |
| Drilling Line: | 3,500 ft. of 1 & 1/8" Bridon drilling line |
| Swivel: | Arctic T-200 (200 ton) |
| Choke Manifold: | Flanged choke manifold with 3" X 5,000 psi valves c/w 2 manual adjustable chokes, North American manufactured. |

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| Flare Line: | 4" Sch. 80 & 8" Sch. 20, to reach 50 m from well center, with union to connect to flare tank. |
| Kelly: | 4 1/4" square X 40 ft. |
| Kelly Hose: | 55 ft. X 5,000 psi c/w 602 unions and safety lines |
| Kelly Drive Bushing: | 4 1/4" square Varco Model – HD style |
| Hydraulic Kelly: | McKinney |
| Rotary Tongs: | 36" Web Wilson AAX (style) with jaws for 2 7/8" to 9 5/8" tubulars, including one set of dies for each jaw. |
| Elevators: | 175 ton elevators – Woolley Tool Manufactured (WTM) |
| Drill Pipe Slips: | For 4" drill pipe Varco SDML Style with dies |
| DC Slips | For 6 1/2" drill collars (slip recess 6.00" OD as per API RP 7G) SDXL |
| Bails: | 96" long X 2 1/4 " |
| Crown Alert: | Mustang Controls |
| BOP: | 9" 3000# stack with annular and all spools – Consolidated Pressure Control |
| Flow Nipple: | Sized to accommodate 9" – 3,000 psi BOP |
| Pipe Spinner: | Cons energy model 700 pipe spinner |
| Floc Tank: | One (1) slanted floor floc tank |
| Shale Bin: | One (1) Single taper with back wall taper |
| Flare Tank: | One (1) standard flare tank |
| Pipe: | 300 - 4" Drill pipe X95, 15.7# / ft., 80 - 4" heavy weight, 12 - 6 1/2" slick drill collars |
| Loader: | 250 Kamatsu |

Note: All lines & hoses are pressure tested and rated properly.
All overhead equipment is properly certified.