

Stampede Drilling Ltd. – Rig # 5 Equipment List



Substructure:	Hodgson ST14-14.2 – 340E
Mast:	Hodgson MT 106-9.5-400E
Crown Block:	Hodgson Designed
Drawworks:	Do All 750 HP with drum Lebus grooved for 1 1/8" drilling line. Do All Right Angle Drive, Eaton 36" Brake (with double piston)
Drawworks Engine:	One (1) Cummins QSX 19 780 HP at 2100 RPM
Rotary Table:	RG-175 17.5" opening (444.5 mm) c/w leather protective mat.
Mud Pump:	One (1) Rongli 1000 input HP triplex (F1000 style), All discharge lines are 5000#
Pump Engine:	One (1) Cummins QSX 23 980 HP at 2100 RPM
Pump Clutch:	Rouse Industries Two Speed
Pump Building:	One (1) 13'10" X 40' with overhead suction & discharge – building is unitized
Combination Building:	8' x 12' TC 44 fuel tank, tool room w/ Cat 310 pressure washer, gen/accumulator/electrical room
Light Plant:	1 (One) Cummins QSX 15 450kw at Prime Gensets

Rig Lighting: Boss 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 m³)
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: 100 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: Do All Hydraulic Catwalk. Design and specifications include:
hydraulic remote controls on rig floor by Mustang Controls, and high pressure (5,000 psi) flex hose between BOP & cat walk to facilitate rig up.

Pipe Tubs: Total of eight (8) pipe tubs (six (6) standard tubs, one (1) enclosed, one (1) 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 eight inch diameter; mud tank has 65 m³ capacity and an enclosed roof.

Mixing Pump: 3 – 6 x 5 x 11 Mission pumps

Mixing Hopper: Swaco

Shale Shaker: Brandt King Cobra

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: 160 Tonne (180 Ton) Travelling Block, 4 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.

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 6,000 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:	Two (2) 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 S-135, 14# / ft., 80 - 4 1/2" heavy weight, 12 - 6 1/2" slick drill collars
Loader:	200 Komatsu

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