

# Stampede Drilling Ltd. – Rig # 2 Equipment List



Substructure:	Hodgson ST14-14.2 – 400G
Mast:	Hodgson MT 106-9.5-400G
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) Cat C18 800 HP at 2100 RPM
Rotary Table:	RG-175 17.5" opening (444.5 mm) c/w leather protective mat.
Mud Pump:	Two (2) Rongli 1000 input HP triplex (F1000 style), All discharge lines are 5000#
Pump Engine:	Two (2) Cat C32 950 HP at 2100 RPM
Pump Clutch:	Rouse Industries Single 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, 13' x 12' tool room w/ Cat 310 pressure washer, 20' X 12' gen/accumulator/electrical room
Light Plant:	2 (two) Cat C15 450kw at Prime Gensets

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<sup>3</sup>)  
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: 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 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 eight inch diameter; mud tank has 65 m<sup>3</sup> capacity and an enclosed roof.

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

Mixing Hopper: Swaco  
Shale Shaker: Swaco 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: 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 - RKVS 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 SDXL 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: 410 - 4" Drill pipe S-135, 14# / ft., 80 - 4" heavy weight, 16 - 6 & 1/2" slick drill collars

Loader: 624 K John Deere

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