

## Location Information

Full Address : Range Road 21 (0.6 km E), County of Vermilion River, AB ,  
 LSD : 10-11-50-2 W4  
 NTS :  
 Latitude : 53.301657

Main Coordinate System : LSD

UTM : 12U 554287E 5906138N  
 UWI :  
 Longitude : -110.185375

## Key Information

Rig Type : TDS 2200  
 Depth Rating : 1800  
 Loads : 16/17

Category : TDS 2200  
 Racking Capacity :

## Drawworks

Mechanical / Electrical : Mechanical  
 Model : REM 400  
 Drive : Detroit 50 Series 230kW w/ Allison HT 750 RD 5 speed transmission

Auxiliary Brake : Eaton  
 Rated Power : 400

## Mast

Mast Type : Range 3 Telescopic Single  
 Static Hook Load : 100000 daN / 225000 lbs  
 Drill Line Size : 28.5

Mast Manufacturer : Nelson  
 Mast Clear Height : 22.86 m / 75 ft  
 Number of Lines : 8

## Substructure

Substructure Type : One Piece self level  
 Floor Height : 3.8 m / 12.47 ft  
 Rotary Capacity : 100000 daN / 225000 lbs

Substructure Manufacturer : Nelson  
 Clear Height : 12.3 m / 40.35 ft  
 Set Back Capacity : 80000 daN / 180000 lbs

## Top Drive

Manufacturer / Model : Pragma 150T  
 Makeup Torque :

Continuous Torque : 23066 Nm / 17000 ft-lb  
 Breakout Torque :

## Hoisting and Rotating Equipment

Hook Capacity :  
 Block Capacity : 133000 daN / 299000 lbs  
 Rotary Table Model : Howard Turner

Block Model : Integral  
 Swivel Capacity :  
 Rotary Table Clearance : 457 mm / 18 in

## Mud Pump 1

Manufacturer & Model : Emsco F-800  
 Stroke :

Rated Power : 597 kW / 800 hp  
 Drive : Detroit 14L 60 Series 470kW, w/Cotta 1600E gear box

## Mud Pump 2

Rated Power :

Stroke :

## Mud System

High Pressure Circulating System : 34500 kPa / 5000 psi  
 # of Mud Tanks : 1  
 Trip Tank Volume :  
 Shale Shaker Model : Brandt King Cobra

Mud Tank Volume : 42 m3 / 11095 gal  
 Second Mud Tank Volume : 3 m3 / 790 gal  
 # of Shale Shakers : 1  
 Atmospheric Degasser : Poorboy

## Well Control System

Trim Type : NACE  
 # of Stations : 5  
 Accumulator Pump : 1  
 Choke Manifold Size : 52.4

Accumulator Manufacturer : CTS 300  
 Accumulator Volume : 300 L / 79.25 gal  
 Manifold Type : Single Gut  
 Choke Manifold Pressure Rating :

## Power

Power Distribution Type : 350kw 480v/208v AC Diesel  
 Generator Size 1 : Detroit 60 Series

Generator Model 1 : Detroit 60 Series

## Miscellaneous Equipment

Boiler Rating : 60  
 Fuel Tank Capacity : 15000 L / 4000 gal  
 Water Tank Capacity : 60000 L / 15850 gal

# of Fuel Tanks : 1  
 # of Water Tanks : 1  
 Special Equipment : Specific inventory subject to change. Contact Sales Representative.

## Load List

Total Loads Summer : 16

Total Loads Winter : 17