

## Location Information

Full Address : Locations in Leduc, east of QE2  
 LSD : 101/01-01-029-23W3  
 NTS :  
 Latitude : 54.066827

Main Coordinate System :  
 UTM : 11U 482139E 5990991N  
 UWI :  
 Longitude : -117.272914

## Key Information

Rig Type : 1500 Hybrid PLC  
 Depth Rating : 3600  
 Loads : 19

Category : 600 Series  
 Racking Capacity : 4200 m / 13700 ft

## Drawworks

Mechanical / Electrical : Mechanical  
 Model : TSM 7000  
 Drive : Cat C-15

Auxiliary Brake : Eaton  
 Rated Power : 750

## Mast

Mast Type : Telescoping Double  
 Static Hook Load : 160,000 daN / 360,000 lbs  
 Drill Line Size : 28.6

Mast Manufacturer : Mastco  
 Mast Clear Height : 32 m / 105 ft  
 Number of Lines : 10

## Substructure

Substructure Type : Steppedown/Self level  
 Floor Height : 5.4 m / 17 ft  
 Rotary Capacity : 142300 daN / 320000 lbs

Substructure Manufacturer : Mastco  
 Clear Height : 4.72 m / 15.5 ft  
 Set Back Capacity : 122300 daN / 275000 lbs

## Top Drive

Manufacturer / Model : Warrior 250T  
 Makeup Torque : 36600 Nm / 27000 ft-lb

Continuous Torque : 33550 Nm / 24750 ft-lb  
 Breakout Torque : 43400 Nm / 32000 ft-lb

## Hoisting and Rotating Equipment

Hook Capacity :  
 Block Capacity : 267,000 daN / 600,000 lbs  
 Rotary Table Model : ZP175

Block Model : HQM 300  
 Swivel Capacity :  
 Rotary Table Clearance : 445 mm / 17.5 in

## Mud Pump 1

Manufacturer & Model : F1000  
 Stroke : 254 mm / 10 in

Rated Power : 746 kW / 1000 hp  
 Drive : Detroit Series 2000

## Mud Pump 2

Manufacturer & Model : F1000  
 Stroke : 254 mm / 10 in

Rated Power : 746 kW / 1000 hp  
 Drive : Detroit Series 2000

## Mud System

High Pressure Circulating System : 34000 kPa / 5000 psi  
 # of Mud Tanks : 1  
 Trip Tank Volume : 5.3 m3 / 1400 gal  
 Shale Shaker Model : Derrick Hi8 3 panel

Mud Tank Volume : 76 m3 / 20000 gal  
 Second Mud Tank Volume :  
 # of Shale Shakers : 2  
 Atmospheric Degasser : 762

## Well Control System

Trim Type : NACE  
 Accumulator Volume : 333 L / 88 gal  
 Manifold Type : Single Gut  
 Choke Manifold Pressure Rating : 34500 kPa / 5000 psi

Accumulator Manufacturer : Oilco 5 Station  
 Accumulator Pump : 1  
 Choke Manifold Size : 52.4

## Power

Power Distribution Type : Dual AC Gens 208/480  
 Generator Size 1 : 210  
 Generator Size 2 : 350

Generator Model 1 : Cat 3306  
 Generator Model 2 : Detroit 60 series

## Miscellaneous Equipment

Boiler Rating : 125  
 Fuel Tank Capacity : 18000 L / 4700 gal  
 Water Tank Capacity : 94000 L / 24800 gal

# of Fuel Tanks : 1  
 # of Water Tanks : 1  
 Tubulars : Rig carries sufficient tubular inventory of drill collars and drill pipe to drill 75% of rated depth capacity. Exact quantities and descriptions of tubulars available through Savanna Contracts Representative

Special Equipment : containment skid. Specific inventory subject to change. Contact sales representative. This rig is equipped with umbilical.

## Load List

Total Loads Summer : 19

Total Loads Winter : 20