



Rig Name: COSL7  
Design: Scivita Inc  
Year of Construction: 2014  
Construction Yard:  
WISON HEAVY INDUSTRY

## DESIGN STANDARD

Max. Rating Drilling Depth: 25000ft  
Accommodation: 100

## MAIN DIMENSIONS

Living Building & UM Module:  
Length: 27.1m Width: 21.44m Height: 17.98m  
Power Module:  
Length: 11.89 Width: 23.96m Height: 26.56m  
Buik Tank Skid  
Length: 3.44m Width: 23.26m Height: 10.96m  
Drilling Module:  
Length: 22m Width: 21.5m Height: 14.93m

## DRILLING EQUIPMENT

Drawworks: JC-90DB, 9000m  
Derrick: HJJ675/48-Z, 675t  
Travelling Block: YC 675,6750KN  
Crown Block : TC675H-3,675t  
Top Drive: TDS-8SA  
Rotating Table: ZP 495  
Mud Pumps: F-2200HL

## DRILLING EQUIPMENT

BOP Stack:  
1 set CAMERON 18-3/4"BOP, rams: 15,000 psi,  
BOP annular: 10,000psi  
BOP Control System:  
Guangdong Guangzhou Peptroleum Co.,Ltd,  
FKD03200-9

## POWER PLANT

Main Diesel Engines: 4EA, 3516 CHD  
Power: 1603KW,1200rpm  
Main Generator :  
1530KW/1912 KVA, 600V 60Hz  
Frequency Conversion System:  
Siemens/S120, Power (total) 4000KW

## STORAGE CAPACITIES

Fuel Oil: 110m<sup>3</sup>  
Lub. Oil: 4m<sup>3</sup>  
Drill water: 100m<sup>3</sup>  
Potable Water: 100m<sup>3</sup>  
Bentonite/barite: 3\*45m<sup>3</sup>  
Cement: 3 × 40m<sup>3</sup>  
Total useable capacity of mud storage: 300m<sup>3</sup>

## LIFTING SYSTEM

Crane: 2EA, SPARROWS, EC900-2  
Location: Right/Left side of main deck  
Boom length: 120ft  
Max. working wind speed: 37kph  
Resistance to max. gustiness for boom: 41.6kph  
Block capacities:  
Min working radius: 50 mt/23.95 ft  
Max working radius: 9.1 mt/120ft  
Hoisting speeds: 0-18/min with full load, 0.88ft/sec  
Block capacities:  
Min working radius: 4.9 mt/all ft  
Max working radius: 4.9 mt/all ft  
Hoisting speeds: 0-18/min with full load, 3.34ft/sec

## ACCOMMODATION

Company Representative's Office: 2  
Contractor Representative's Offices: 0  
Radio Room: 1  
Hospital Room/beds: 1  
Accommodations  
Quantity of single bed rooms: 2  
Quantity of two bed rooms: 1  
Quantity of three bed rooms: 0  
Quantity of four bed rooms: 24  
Quantity of six bed rooms: 0  
Toilets: 28  
Showers: 27  
Galley: 1  
Recreation Rooms: 1  
Change Rooms: 2