

KS DISCOVERER 8

GENERAL

RIG NAME : KS Discoverer 8
RIG TYPE : CTE HMR III Walking Rig-Fast Rig Move
YEAR BUILT : 2012
RIG POWER RATING : 2,000 hp
DRILLING DEPTH : 20,000 ft with 5" DP
RIG MOVE LOADS : 110 Loads
CAMP MOVE LOADS : 50 Loads

MAST

MAKE / TYPE : Citra Tubindo Engineering – Lee C
Moore / HMR III 2000 Model 27604
CLEAR HEIGHT : 147 ft
MAST BASE : 9 ft x 11.35 ft
STATIC HOOK LOAD : 500 Tons
RACKING CAPACITY : 20,088 ft

SUBSTRUCTURE

MAKE / TYPE : Citra Tubindo Engineering – Lee C
Moore / HMR III 2000 Model 27604
RIG FLOOR DIMENSIONS : 44 ft x 48 ft
HEIGHT : 34.48 ft - drill floor
: 28.87 ft - rotary beam to ground
ROTARY LOAD : 500 Tons
SETBACK LOAD : 300 Tons

DRAWWORKS

MAKE / MODEL : LeTourneau LDW 1000K 1002
RATED INPUT POWER : 2x 1,500 hp
DRILL LINE DIAMETER : 1-1/2" - 7,500 ft Bridon 6x195 IWRC
RHOL EIPS
AUXILIARY BRAKE : Eaton WCB436 115 psi

TOP DRIVE

MAKE / MODEL : NOV TDS11-SA
RATED LOAD CAPACITY : 500 tons
DRILLING TORQUE : 37,500 ft-lbs at Continuous
POWER RATING : 800 hp

ROTARY TABLE

MAKE / MODEL : LeTourneau L3751002
RATED LOAD CAPACITY : 800 tons API 7K
TABLE OPENING : 37-1/2"
DRIVE TYPE : Electric motor 1,150 hp

DRILL PIPE

: 5" (XD105) 19.5 lb/ft 9,000 ft
3-1/2" (XD105) 15.5 lb/ft 3,000 ft
2-3/8" (XD-105) 6.65 lb/ft 3,000 ft

CAMP

CAPACITY : 180 pax



POWER SUPPLY SYSTEM

ENGINES MAKE / MODEL : 4x CAT D-3512C
ENGINES POWER : 4x 1,476 hp @ 1,200 rpm
POWER GENERATORS : 4x KATO AA27647015
ELECTRICAL POWER : 4x 1,950 kVA @ 1,200 rpm
EMERGENCY POWER : Caterpillar C18 DITA 804 hp @ 1,800 rpm
RIG POWER VOLTAGE : 480 V 60 Hz
POWER CONTROL : 545 kW @ 1,800 rpm

MUD SYSTEM

MUD PUMPS MAKE/MODEL : 3x LeTourneau WH16121002
MAX RATED INPUT : 1,600 hp AC
STANDPIPE ASSEMBLY : 1x 5" 5,000 psi WP
SHALE SHAKERS : 4x Derrick FLC 503
DESANDER : Derrick FLC 503/504 3x 10" cones
DESILTER : Derrick FLC 503/504 20x 4" cones
MUD CLEANER : 1x Derrick FLC 503
MUD DEGASSER : Derrick Vacu-Flo, 1200 GPM
MUD GAS SEPARATOR : 36" OD body, 8" OD line

WELL CONTROL EQUIPMENT

DIVERTER : T3 Energy 29-1/2" 500 psi + 1x Hydraulic Ball valve 12"
BOP ANNULAR : 1x T3 21-1/4" 2k psi
1x T3 13-5/8" 5k psi
BOP RAMS : 2x T3 21-1/4" 2k psi single
1x T3 13-5/8" 5k psi single
1x T3 13-5/8" 5k psi double
CHOKE MANIFOLD : 3-1/16" 10,000 psi

KS DRILLING

www.ksdrilling.com

Email: marketing@ksdrilling.com ♦ Tel. +65 6577 4600 ♦ Fax: +65 6577 4619
19 Jurong Port Road, Singapore 619093

