

SCHEDULE 1
DESCRIPTION OF RIG EQUIPMENT PROVIDED BY CONTRACTOR
(ATTACHMENT TO EXHIBIT A)

DATE: NOVEMBER 2018

CONTRACTOR: JOMAX DRILLING (1988) LTD. **RIG NUMBER:** 2E
DEPTH CAPACITY: 4,600 METERS WITH BI-FUEL 127 mm DRILL PIPE

A. DRAWWORKS

Make: RIGMASTER Model: E-1200 Input Power Rating: 1,040 kw
 Maximum Hoisting Capacity: (Manufacturers) 311,360 daN with 12 Lines
 Maximum Hoisting Capacity: (Contractors) 344,360 daN with 12 Lines
 No. of Hoisting Speeds: SIX
 Auxilliary Brake: Type: HYDROMATIC Make: EATON Model: 336
 Crown Block Protection: Make: CROWN ALERT Model: A
 Drive Group: Make: G.E. Type: 752SA

B. PRIME MOVER

	<u>ENGINE # 1</u>	<u>ENGINE # 2</u>	<u>ENGINE # 3</u>
Make:	<u>CATERPILLAR</u>	<u>CATERPILLAR</u>	<u>CATERPILLAR</u>
Model:	<u>3512 BI-FUEL</u>	<u>3512 BI-FUEL</u>	<u>3508 BI-FUEL</u>
Continuous Power - HP (kw) @ 1200 RPM	<u>1 476 (1101)</u>	<u>1 476 (1101)</u>	<u>915 (682)</u>

C: PRIME MOVERS (Electric Rigs Only)

Electrical System: INTEGRATED POWER SYSTEMS MODEL 1235 3 BAY/2 GENERATORS

	<u>GENERATOR # 1</u>	<u>GENERATOR # 2</u>	<u>GENERATOR # 3</u>
Make:	<u>KATO</u>	<u>KATO</u>	<u>KATO</u>
Model:	<u>AA27673007</u>	<u>AA27673007</u>	<u>AA27675002</u>
Power Rating (kw)	<u>1,225</u>	<u>1,225</u>	<u>1,050</u>
KVA	<u>1,750</u>	<u>1,750</u>	<u>1,500</u>

D. ROTARY TABLE

Make: ZP275-2 Model: 275 Maximum Table Opening: 698 mm
 Power Available: 840 kw
 Static Load Rating: 450,000 daN
 Rotary Speeds Forward: Maximum RPM: 140 Minimum RPM: 10
 Reverse: Maximum RPM: 10 Minimum RPM: 1

E. DERRICK

Make: QUALITY FABRICATING Model: M142-21-750B Type: CANTILEVER
 Gross Nominal Capacity (Manufacturers): 445,000 daN with 12 Lines
 Maximum Hook Load (Manufacturers): 333,600 daN with 12 Lines
 Maximum Hook Load (Contractor): 333,600 daN with 12 Lines
 Racking Capacity: 4,600 Meters of 127 mm Drillpipe
 Height: 42.9 Meters
 Hook to Rotary Table: Distance with Blocks at Crown Stop: 37.8 Meters

F. SUBSTRUCTURE

Make: QUALITY FABRICATING Model: S24.5-30-675 Type: BOX ON BOX
 Maximum Table Load (Casing Capacity): 300,000 daN with 222,400 daN Setback
 KB to Ground: 7.60 Meters
 Clear Height for BOP's: 6.40 Meters

G. TRAVELLING EQUIPMENT

	<u>CROWN BLOCKS</u>	<u>TRAVELLING BLOCKS</u>	<u>BALES</u>	<u>ELEVATORS</u>	<u>TOP DRIVE</u>
Make:	<u>R.A. HODGSON</u>	<u>OILWELL</u>	<u>VARCO</u>	<u>BLOHM & VOSS</u>	<u>VARCO</u>
Model:	<u>6 x 45" x 1 1/4"</u>	<u>A500</u>	<u>PART OF T.D.</u>	<u>VESCL</u>	<u>IDS350</u>
Ld. Rating (daN):				<u>350 Tons</u>	
# of Sheaves:	<u>6+FASTLINE</u>	<u>6 x 50" X 1 1/4"</u>			
API Bearing Rating (daN) @ 100 RPM	<u>311,600</u>				
Min. ID (mm):					

H. DRILLING LINE

Rope Diameter: 32 mm Rope Type: 6 x 19 FLEX SEALE
 Core Type: IWRC Nominal Strength: 80,000 daN
 Slip Interval @ 12,274 MegaJoules Cut 16.34 Meters

I. DEAD LINE ANCHOR

Make: NATIONAL OILWELL Model: LOF-75CV-P-8C Dead Load Rating: 42,000 daN

J. MUD PUMPS

PUMP # 1

Make: NATIONAL Model: 10-P-130 Power Rating: (1300 hp) 970 kw
 Available Power to Pump: (1129 hp) 842 kw Stroke: 254 mm
 Pulsation Dampner: Make: HYDRIL Model: K-20-5000 Precharge 4,500 kPa
 Liner Sizes Available: 152 mm 140 mm 127 mm
 Minimum Strokes per Minute: 30 spm 30 spm 30 spm
 Maximum Strokes per Minute: 115 spm 115 spm 115 spm
 Max. Manufacturers Rated Press.: 27,700 kPa 32,200 kPa 34,500 kPa
 Max. Contractor's Allowed Press.: 26,800 kPa 32,000 kPa 34,470 kPa

PUMP # 2

Make: NATIONAL Model: 10-P-130 Power Rating: (1300 hp) 970 kw
 Available Power to Pump: (1129 hp) 842 kw Stroke: 254 mm
 Pulsation Dampner: Make: HYDRIL Model: K-20-5000 Precharge 4,500 kPa
 Liner Sizes Available: 152 mm 140 mm 127 mm
 Minimum Strokes per Minute: 30 spm 30 spm 30 spm
 Maximum Strokes per Minute: 115 spm 115 spm 115 spm
 Max. Manufacturers Rated Press.: 27,700 kPa 32,200 kPa 34,500 kPa
 Max. Contractor's Allowed Press.: 26,800 kPa 32,000 kPa 34,470 kPa

0. BLOW OUT PREVENTION EQUIPMENT

	ANNULAR	RAM # 1	RAM # 2	RAM # 3
Make:	XINDE	XINDE	XINDE	XINDE
Model:				
Type:	SPHERICAL	SINGLE	SINGLE	SINGLE
Size (mm):	279	279	279	279
Working Press. (kPa)	70,000	70,000	70,000	70,000
Connection Type:	STUD X FLANGE	STUD X STUD	STUD X STUD	STUD X STUD
Nace:	YES	YES	YES	YES
Manual/Hydraulic:	HYDRAULIC	HYDRAULIC	HYDRAULIC	HYDRAULIC
Ram Size (mm):			SHEAR	
Element Type:	NEOPRENE	NEOPRENE	NEOPRENE	NEOPRENE

ACCUMULATOR

Make: DRILLING CONTROL Model: MB140-15ST Pressure Rating: 20,700 kPa
 Number of Bottles: 16 @ 56.8 Liters Each
 Precharge Pressure: 8,400 kPa
 Accumulator Pressure Operated by Contractor: 20,700 kPa
 Manifold Pressure: 10,500 kPa
 Number of Stations: 7
 Master BOP Controls Location: DOGHOUSE
 Remote BOP Controls Location: ACCUMULATOR Type: PILOT PRESSURE
 Number of Pressure Regulators: TWO Make: VALVCON
 Model: 1-25009, 1-105766 Location: ON ACCUMULATOR STAND
 Number of N2 Bottles: 4 Size: 15 Gallons Minimum Pressure: 15,400 kPa

PUMP # 1

Make: UNION Model: TD28 Type: TRIPLEX
 Pressure Rating: 20,700 kPa Pump Rate: 64 Liters/Min.

PUMP # 2

Make: UNION Model: TD28 Type: TRIPLEX
 Pressure Rating: 20,700 kPa Pump Rate: 22 Liters/Min.

HCR VALVES

Make: CAMERON Model: 3 1/16" - 70,000 kPa Nace Trim: YES
 Number: 2 Size: 76 mm Pressure Rating: 70,000 kPa

CHOKE MANIFOLD

Make: WILLIS Model: ADJUSTIBLE Nace Trim: YES
 # of Valves: 15 Size: 76 mm Pressure Rating: 70,000 kPa

CHOKE # 1:

Make: WILLIS Model: ADJUSTIBLE Nace Trim: YES
 Size: 76 mm Pressure Rating: 70,000 kPa

CHOKE # 2:

Make: WILLIS Model: ADJUSTIBLE Nace Trim: YES
 Size: 76 mm Pressure Rating: 70,000 kPa

STABBING VALVE:

Make: HI-KALIBRE Model: 4150-354-IF Nace Trim: YES
Number: 1 Size: 168 mm Pressure Rating: 70,000 kPa

INSIDE BOP:

Make: HI-KALIBRRE Model: IBOP-451IF Nace Trim: YES
Number: 1 Size: 159 mm Pressure Rating: 70,000 kPa

BLEED OFF LINE:

Number: 2 Size: 114 mm Nace Trim: YES
Pressure Rating: 70,000 kPa

KILL LINES:

Number: 2 Size: 76 mm Nace Trim: YES
Pressure Rating: 70,000 kPa

CHECK VALVE:

Make: HI-KALIBRE Model: 3350
Number: 2 Size: 76 mm Pressure Rating: 70,000 kPa

MUD GAS SEPARATOR # 1

Type: POORBOY Location: REMOTE
Vessel OD: 914.4 mm
Inlet Size: 101.6 mm
Outlet Size: 203.2 mm Line Size to Flarepit: 203.2 mm
Overall Height: 3.66 Meters
Distance Above Bottom of Tank: 50 cm
Design Level: CLASS V

MUD GAS SEPARATOR # 2

Type: POORBOY Location: REMOTE
Vessel OD: 914.4 mm
Inlet Size: 101.6 mm
Outlet Size: 203.2 mm Line Size to Flarepit: 203.2 mm
Overall Height: 3.66 Meters
Distance Above Bottom of Tank: 50 cm
Design Level: CLASS V

DRILLING DEGASSER

Make: NONE Type: Capacity: Liters/Min.

P. DRILL PIPE

No.: 216 JTS. 127 mm 29 kg/m GRADE: X-95 API Class:
Connections: NC50 Tool Joint: OD: 168 mm ID: 82 mm
Hardness Factor: Tube: Minimum HRC: 21 Maximum HRC: 29
Tool Joint Minimum HRC: 30 Maximum HRC: 32
Hardbanding: X YES NO Type: 300 XT

No.: 115 JTS. 127 mm 38.13 kg/m GRADE: X-95 API Class:
Connections: NC50 Tool Joint: OD: 165 mm ID: 76 mm
Hardness Factor: Tube: Minimum HRC: 21 Maximum HRC: 28
Tool Joint Minimum HRC: 28 Maximum HRC: 30
Hardbanding: x YES NO Type: 300XT

Q. HEAVIWATE

No.: 18 JTS. 127 mm
Connections: TM240 Tool Joint: OD: 171 mm ID: 76 mm
Hardbanding: X YES NO Type: 300 XT
Stress Relief: N/A
Boreback: N/A

R. DRILL COLLARS

Number: 2 JTS. OD: 228 mm ID: 68 mm Connections: 7"H90 Box 7"H90 Pin
Number: 20 JTS. OD: 171 mm ID: 68 mm Connections: 4 1/2"IF Box 4 1/2"IF Pin
Number: JTS. OD: mm ID: mm Connections:
Stress Relief: YES
Boreback: YES
Spiral: NO
Slip Recess: YES
Elevator Recess: NO

BIT SUBS: NO. 1 Connections: CDS40 BOX 3 1/2" REG BOX
XO SUBS: NO. 2 Connections: NC50 BOX CDS40 PIN
JUNK SUBS: NO. Connections:
SAVER SUBS: NO. Connections:

S. LIGHTPLANTS

CAMP

Plant # 1 Output 55 kw Volts 208
Plant # 2 Output 55 kw Volts 208

RIG MANAGER

Plant # 1 Output 100 kw Volts 280
Plant # 2 Output 100 kw Volts 280

RIG

Power and Outlets to run 4 Additional Wellsite Units
Power Available to run Rental Equipmen 100 KW
100 Amps 480 Volts 3 Phase

T. GENERAL

Drilling Instrumentation: PASON
Automatic Driller: NIL
High Pressure Wash Guns: 2 - MAGIKIST 32CX
Electric Sump Circulating Pump FLYGT 2"
Kelly Spinner: TOP DRIVE
Pipe Spinner: FINN 700-80-3
Kelly Hose: RED-L SIZE: 76 mm Working Pressure: 34,700 kPa
Make Up Tongs Make: BLOHM & VOSS Size: Jaws Availabl: VARIOUS
Breakout Tongs: Make: BLOHM & VOSS Size: Jaws Availabl: VARIOUS
Drill Pipe Elevators: Make: VARCO Size: 101 & 127 mm
Drill Collar Elevators: Make: N/A Size: mm
Matting: No.: 53 Size: VARIOUS
Fuel Storage: 48,308 Liters
Water Storage: 65 m3
Water Pumps: No.: TWO Size: 2 X 3" Output: 135 Liters/Min.

U. BOILER

Power Rating: 465 kw
Operating Pressure Rating: 700 kPa

V. LOADS

RIG 45 Including BOILER & LOADER
CAMP 8

W. OTHER MAJOR PIECES OF EQUIPMENT

- EXTRA MATTING - (2) 8'6" X 50' CELLAR MATS
- CREW VEHICLE
- VARCO IDS350 TOP DRIVE
- ST-80 IRON ROUGHNECK
- BOP SHEAR RAM AUXILLARY SYSTEM
- KOMATSU WA250-3 LOADER