

RIG ED – 01



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Rig ED-01

EQUIPMENT - Rig

- Equipment has been inspected and tested by Unit Drilling;
 - 3ea. 1000HP Mud Pumps and 3508 Cat Engines to power the pump and all HP plumbing
 - Complete 1000 bbl. mud tank system c/w agitators, all LP plumbing and lighting
 - 3 sets of Shale shakers, (2ea 504, 1ea 503 Derrick), 1 set of Derrick mud cleaner (Desilter, Desander with 503 derrick shale shaker). The Derrick 504 shakers will be the primary shale shakers and the Derrick 503's will be a back up set and also could be used as an inline set down stream of the 504's to further reduce the waste water/mud and help dry the drill cuttings to reduce the impact to the environment
 - The generator house with back up GM generators. **Note, this rig is a 110V/60HZ rig, this must be socialized with the third-party contractors to ensure they have the correct electrical equipment. The only 220V/50HZ will be at the mini-camp.
 - Complete set of Suitcases to run the various mud, water, fuel, airlines and electrical wiring in. They also act as walkways
 - 2ea Water tanks, c/w electric water pumps and hoses
 - 2ea Fuel tanks, c/w electric fuel pumps, filters, fuel meters and hoses
 - BOP's has been function tested (open and closed). Has been pressure tested as well.



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EQUIPMENT – Drill Floor

- Rig floor handling tools required to drill, tongs, slips, safety clamps, bit breakers
- Pipe spinners, Drillpipe Hydraulic Power Tong has been function tested.
- Rotary Table has been function tested.
- 12,000' of new 4 ½ ", 16.60 ppf, "G 105" Drill Pipe
- 6100' of New 3-1/2" 13.30 ppf, "S 135" Drill Pipe
- 8" and 6 ½" Drill Collars and handling subs
- Drilling X-over subs,
- 12ea steel framed wooden matting boards were supplied, * these are used matting boards
- 1ea Tesco HXI 250ton hydraulic Top Drive, c/w 1ea complete 750HP HPU powered by a C-27 Cat engine. There is also a complete spare HPU unit less the Cat engine has been tested.
- 1ea Tesco container c/w hydraulic hose machine and some critical spare parts for the top drive and HPU
- All screen purchased were supplied by MI-Swaco, these are a new design and are supposed to last longer



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EQUIPMENT – Mud System

F-1000 Mud Pump (API-7K)

Specifications

Rated Horsepower:	1,000 HP
Rated Pump Speed:	140 SPM
Maximum Liner Size by Stroke Length:	6-3/4" x 10"
Suction Connection:	12"
Discharge Connection:	5-1/8" 5,000 psi Flange
Gear Ratio:	4.207:1
Valve Pot:	API #6
Approximate Weight:	41,425 lbs



MUD SYSTEM (1000 BBL)

Two Tank Mud System (12' W x 8' H x 50' L)

- > 500 BBL suction tank - round bottom
- > 500 BBL solids tank - round bottom
- > 100 BBL pill tank

Trip Tank/Gas Buster

One 8' W x 40' L Skid with:

- > One 2 1/16" x 4 1/16" 5,000 lbs. choke (four 2 1/16" 5,000 lbs. valves, four 4 1/16" 5,000 lbs. valves, one cross, one 2 1/16" manual chokes) on one end of skid. One end of skid plumbed for 2" hydraulic super choke
- > One 50 BBL twin trip tank
- > Two 2" x 3" centrifugal pumps with 20 HP electric motors with 30" OD poorboy gasbuster in center that lays over on choke to transport

Water Tank (10' W x 8' H x 40' L)

- > 500 BBL water tank
- > Two 2" x 3" centrifugal pumps 20 HP
- > Water tank support dog house frame



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EQUIPMENT – Cementing Unit

Inspected by ModuResources at US,

***2011 Peerless CH-45-3Axle
Trailer mounted Twin Trican
Cementer Dual SPM TWS-600
Triplex pump packages p/b
Cummins QSX-15 L Diesel power
unit utilizing OFS-4700 Allison
Automatic Transmissions***



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EQUIPMENT – Cementing Unit



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The Trican-designed Twin Cementer provides fully redundant systems to ensure the cement job can be completed under nearly any circumstance

The Twin cementer pumpers provide fully redundant systems to ensure that the job can be completed under any circumstances. The twin cementer includes an automatic (self-adjusting) density control system, ensuring lab-quality cement slurries.

Cementing Equipment and Accessories Has been Tested by the EDL team and run properly.





HEAVY EQUIPMENT

- 1 ea Crawler Crane Kobelco 7055 – 55 T
- 1 ea Rough Terrain Crane – Grove RT 890E – 80 T.
- 1 ea Volvo 6x6 Prime Mover + Lo-bed
- 1 ea Volvo 6x4 Prime Mover + Hi Bed
- 3 ea Mitsubishi Tronton
- 1 ea Water Truck (vacuum truck)
- 2 ea Komatsu Wheel Loader WA 380



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ROLLING STOCK STATUS UPDATED

- 55 TON CRAWLER CRANE COBELCO – READY
- 55 TON CRAWLER CRANE COBELCO – Suspended at Camp
- 6 TON WHEEL LOADER KOMATSU - READY – At Rig location
- 6 TON WHEEL LOADER KOMATSU - NEED REPAIR – Awaiting Parts at Camp
- 6 X 6 PRIME OVER C/W LOW BED VOLVO - READY
- 6 X 4 PRIME OVER C/W H- BED VOLVO - READY
- 3 UNIT 6 X 4 TRONTON MITSUBISHI - READY
- 6 X 4 VACUM TRUCK MITSUBISHI - NEED REPAIR – Parts Ordered
- Rough Terrain 4WD Grove 80T Crane – Ready at Dili



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