

RIG DESCRIPTION

| ITEM | EQUIPMENT | QTY | DESCRIPTION |
|---|---|-----|--|
| <u>SECTION A – GENERAL RIG CHARACTERISTICS</u> | | | |
| | <u>General</u> | | |
| | Rig Name | | |
| | Model and Type | | Trailer mounted-self elevation |
| | Owner | | |
| | Designer | | |
| | Built | | 2007 |
| | Location (At effective Date) | | Almeria - Spain |
| | Drive Engines | 2 | 450 HP – 3408 CAT engines |
| | <u>Power Generating And Distribution Equipment</u> | | |
| | Type | | Diesel generators CAT 3412 |
| | Maximum rated HP output at 125°F. | 1 | 1000 HP |
| | Number | 2 | |
| | Power control | | Elec / Hydraulic |
| | Type | | CAT 3412 |
| | Power rating | 2 | 815 KVA each |
| | Power distribution | | 400 V x 50Hz |
| | SCR Configuration | | NA |
| | <u>Emergency Lighting</u> | | |
| | Accumulator Unit | | |
| | Rig Floor | 1 | Self contained lighting unit with built in battery |
| | Sub-Base | 1 | Self contained lighting unit with built in battery |
| | Monkey Board | 1 | NA |
| | Mud Pits | 4 | Self contained lighting unit with built in battery |
| | SCR/Power Generation House | 1 | Self contained lighting unit with built in battery |
| | Generators | 2 | Self contained lighting unit with built in battery |
| | <u>Air Compressors</u> | | |
| | Quantity | 2 | |
| | Make & Type | | Ingersol-Rand MH55 |
| | Power Supply & Pressure | | Electric x 125 psi |
| | Air Receivers (Volume) | 1 | 400 lit |
| | Location | | Auxiliary container w/ BOP Accumulator |

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| | <u>Rig Operating Capabilities</u> | | |
| | Capacity | | 3000 meters x 5" D.P. |
| | Input HP | | 975 HP |
| | | | |
| | <u>Dimensions</u> | | |
| | Drill floor Dimensions | | 4m x 7m |
| | | | |
| | <u>Storage Capacity</u> | | |
| | Total Fuel Tank Capacity | 70 000 litres | Two Tanks 2,4mx6mx2m each Plus daily tank 11m3 Spill Bunding |
| | Total Water Tanks Capacity | | 180 BBLS |
| | | | |
| <u>Drilling Equipment</u> | | | |
| | <u>MAST</u> | | |
| | Make and Type | | Joseph Paris - Hydraulic |
| | Dimensions Crown Height Clear Height Rotary Table to Crown Clear Height Rotary Table to Elevators | | Hydraulic mast 22,8m 17,5m |
| | Gross Nominal Capacity with max number of lines? | Hydraulic cylinders | 160 metric tonnes up to 16m through elevator links |
| | Hook Load Rating with 10 Line static Load | Hydraulic cylinders | 160 metric tonnes up to 16m |
| | Hook Block rate and type | | Foremost hydraulic Top Drive 160 Metric Tonnes through the elevator links 150 Tons through drill string |
| | Crown Block – Type | | |
| | - Rating Sheave Capacity | | 40 M.Tonnes x 4 = 160 M.Tonnes |
| | - Number & Diameter of Sheaves | 4 | sheaves 32" |
| | - Bumper Blocks under Crown | | Included in Hydraulic cylinders |
| | <u>SUBSTRUCTURE</u> | | |
| | Make and Type | | Joseph Paris – Self elevating |
| | Height Rotary Table to Ground Level | | 5.60 m |
| | Clear Height under Rotary Beams to Ground Level | | 5.10 m |
| | Hook or Rotary Load | | Max Rotary table Supporting Capacity Irrespective of Set Back Load 550,000 lbs |
| | | | |

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| | <u>HOISTING EQUIPMENT</u> | | |
| | <u>DRAWWORKS</u> | | |
| | Make-type | | <p>2 x Hydraulic cylinders operated by Hyd system</p> <p>4 main Hyd pumps REXROTH A11VO 190 LRDQ/ 11LNSD12N00 driven from Rig Carrier 3408 Engines.</p> <p>Max Press = 320 bars – 4650 psi</p> <p>Operating press = 250 bars – 3600 psi</p> <p>** For hoisting mast and Top drive rotation</p> <p>Max flow : 380 L / min</p> <p>Max press: 320 bars (4650psi)</p> <p>2 auxiliary Hyd pumps REXROTH A10VO45 DFR 31LPSC62K52 Driven from Rig carrier 3408</p> <p>** For service network (pipe feeder , BOP hoisting , Trailer rig up / down , tubular elevator , winches</p> <p>Max flow : 90 L / mn</p> <p>Max pres : 210 bars (3000 psi)</p> |
| | Rated input power HP | | 950 HP |
| | Motors | 2 | CAT 3408 |
| | Drilling Depth Range ft | | 10 000 ft |
| | Main drum brake type (Band or Disc) | | Hydraulic shut off valve |
| | Number of Hoisting speed | 2 | Automatic Hydraulic low speed when hook load is over 90 mTonnes |
| | Number of Rotary speed | | Variable 0 to 130 RPM |
| | <u>BRAKE COOLING TANK</u> | | |
| | Cooling System | | Oil- Air heat exchangers – Nominal heat dissipation : 420 kW @ dT = 40° C |
| | <u>DEADLINE ANCHOR</u> | | |
| | Make and model Load Rating Wraps | 4 | One hydraulic load cell per line. Different from conventional rig |
| | <u>CROWN SAVER</u> | | |

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| | | 2 | Built in Hydraulic cylinders system |
| | <u>AUTO DRILLER</u> | 1 | Automaton driving the hydraulics as per diller's settings |
| | | | |
| | <u>TRAVELING ASSEMBLIES</u> | | |
| | Block, Type and Rating | | NA |
| | Hook, Type and Rating | | 150 tons through string and 160 M Tonnes through elevator links |
| | | | |
| | <u>DRILLING LINE</u> | | |
| | Size, Manufacturer Wire Type Core Nominal Breaking Capacity | | 1-1/4" (32mm) REDAELI Tecna Wire Ropes Galvanized steel core – Anti giratory – ECA 16B32 87 metric tonnes |
| | String up Length Length remaining on (As at contract effective date) | | 19.5m NA NA |
| | <u>TOP DRIVE UNIT OR POWER SWIVEL</u> | | Foremost Industries F150-T |
| | Power Input | | 500HP |
| | Maximum Load | | 150 tons through string and 160 M Tonnes through elevator links |
| | Maximum Drilling Torque (Continual @ 150 RPM) | | 25,000ft.Lbs @ 103 RPM |
| | Maximum RPM | | 130 RPM |
| | Maximum Make Up Torque | | 25,000ft.Lbs |
| | Maximum Break Out Torque | | 25,000ft.Lbs |
| | Drillers Console Display | | Torque, RPM and position displayed at driller's consol |
| | <u>ROTARY EQUIPMENT</u> | | |
| | <u>Rotary Table</u> | | |
| | Make and Type | | Passive table |
| | Opening | | 37-1/2" Opening |
| | Master Bushings | | Split VARCO |
| | Bowl Inserts for Casing & Drill pipe | 1 1 1 1 | 20" 14 7/8" 12" 10" |
| | Capacity | | 550,000 lbs |

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| | <u>ROTARY TABLE SLIPS</u> | | |
| | Drill Collar | 2 2 | 4-3/4" Varco DCS-L 6 3/4" Varco DCS-L |
| | Drill Pipe | 1 1 | DENCON, AIR OPERATED 5" Type SL-1 3 1/2" Type SL-1 |
| | <u>DRILL STRING SPINNER AND TORQUE TOOL</u> | 1 | NOV ST-80 Iron Roughneck |
| | <u>MUD SAVER BUCKET</u> | 1 | c/w 5" & 3-1/2" Inserts |
| | <u>BIT BREAKER PLATES</u> | 1 1 | 6" 8 1/2" |
| | <u>AIR HOISTS</u> | | |
| | On the rig floor Rating | 1 1 | Hydraulic One = 5 T & One = 2 T |
| | Rig Floor dedicated and Design Man Rider Load Rating 250 kg | 1 | NA Certified basket on hydraulic on Manitou arm |
| | | | |
| | <u>PIPE HANDLING EQUIPMENT</u> | | |
| | <u>LIFTING SUBS</u> | | |
| | D/C's | 6 6 | 4 3/4 x 3 1/2 IF Conn 6 1/2 x 4 1/2 IF Conn |
| | <u>LIFTING CAPS</u> | | |
| | 3 1/2" DP | 2 | 3-1/2" IF (Lift Cap Pin) |
| | 5" DP | 2 | 4-1/2" IF (Lift Cap pin) |
| | 6-1/2" DC | 2 | 4 1/2 IF |
| | <u>STANDARD – STRING ELEVATORS</u> | | |
| | 3-1/2" Drill Pipe | 2 | Varco MGG, Center latch |
| | 5" Drill Pipe | 2 | Varco MGG, Center latch |
| | 3-1/2 tubing | 2 | CONCENTRIC HYD ELEVATOR WITH INSERT 5", 3 1/2" & 2 7/8" |
| | 2-7/8 tubing 2-3/8 Tubing | 2 2 | SAME AS ABOVE |
| | <u>LINKS SIZE</u> | | |
| | | 1 set | 132" x 5" (250Ton) |
| | | | |
| | <u>STANDARD MANUAL SLIPS</u> | | |
| | 3 1/2" DP | 2 | Varco SDXL |
| | 5" DP | 2 | Varco SDML |

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| | 4 3/4" DC | 2 | Varco DCS-L |
| | 6 1/2" DC | 2 | Varco DCS-L |
| | Tubing slips | 1 | Tubing Spider Air Operated Model 100A Type C – 100 tons 4 1/2 , 3 1/2 , 2 7/8 and 2 3/8 size |
| | <u>RIG TONGS</u> | | |
| | 4" to 8-1/2 | 2 | Rated load capacity 65,000 Ft-Lb's Proof Load 100,000 Ft-Lb's 4" to 8 1/2 OD |
| | | | |
| | <u>DRILL PIPE SPINNING TONG</u> | | |
| | Make & Type | | NOV ST-80 Iron Roughneck |
| | Size & Range | | 2 7/8" thru 8 1/2" |
| | Power Supply | | Hydraulic |
| | <u>Dog Collars/Safety Clamp</u> | | |
| | Number | 1 | 4 3/4" – 8" Bash Ross |
| | <u>DRILL STRING</u> | | |
| | 3-1/2" D/P | 2200m | S-135 R2 13,3 Lbs NC 38 Px B thread – IPC |
| | 3-1/2" D/P – Pup Joint | Qty 2x 5ft | S-135 R2 13,3 Lbs NC 38 Px B thread – IPC |
| | 3-1/2" D/P – Pup Joint | Qty 2 x 10ft | S-135 R2 13,3 Lbs NC 38 Px B thread – IPC |
| | 3-1/2" HWDP | 30 jts | 23.5 lb/ft Range 2 NC 38 Px B thread – |
| | 4-3/4" SPIRAL COLLARS | 8 jts | 46.6 lb/ft Range 2 NC 38 Px B thread – |
| | 4-3/4" SHORT/SLICK COLLARS | | N/A |
| | 5" D/P "E" Grade Drill Pipe | 2200m | S-135 R2 19,5lbs NC 50 Px B thread |
| | 5" D/P "G" Grade Drill Pipe | Qty 2x 5ft | S-135 R2 19,5lbs NC 50 Px B thread |
| | 5" D/P Pup Joint | Qty 2 x 10ft | S-135 R2 19,5lbs NC 50 Px B thread |
| | 5" D/P Pup Joint | Qty 4 x 10ft | S-135 R2 19,5lbs NC 50 Px B thread |
| | 5" HWDP | 30 jts | 50 lb/ft Range 2 NC 50 Px B thread |
| | 6 1/2" SPIRAL COLLARS | Qty 8 | 6 1/2 Spiral DC 88.6 lb/ft Range 2 – 4 1/2 IF Px B thread |
| | <u>SUBS INVENTORY</u> | | |
| | <u>BIT SUBS</u> | 2 | 3 1/2 Reg B x 3 1/2 IF B |
| | | 2 | 4 1/2 REG B x 4 1/2 IF B |

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| | <u>CROSSOVER SUBS</u> | | |
| | | 2 | 6 5/8 REG P X 4 1/2 IF B |
| | | 2 | 4 1/2 IF P X 4 1/2 IF B |
| | | 2 | 3 1/2 IF P X 3 1/2 IF B |
| | | 2 | 4 1/2 IF B X 2 7/8 N VAM P |
| | | 2 | 4 1/2 IF B X 2 7/8 EUE P |
| | | 2 | 4 1/2 IF B X 3 1/2 EUE P |
| | | 2 | 4 1/2 IF P X 3 1/2 IF B |
| | | 2 | 4 1/2 IF B x 3 1/2 IF P |
| | | 2 | 4 1/2 IF B X 3 1/2 N VAM P |
| | | 2 | 4 1/2 IF B X 4 1/2 EUE P |
| | | 2 | 4 1/2 IF B X 4 1/2 N VAM P |
| | | 2 | 3 1/2 IF B X 2 7/8 N VAM P |
| | | 2 | 3 1/2 IF B X 2 7/8 EUE P |
| | | 2 | 3 1/2 IF B X 3 1/2 N VAM P |
| | | 2 | 3 1/2 IF B X 3 1/2 EUE P |
| | | 2 | 3 1/2 IF B X 4 1/2 N VAM P |
| | | 2 | 3 1/2 IF B X 4 1/2 EUE P |
| | <u>CIRCULATING SUBS</u> | | |
| | Top Entry Circulating | 1 | 4-1/2" IF (P) x 1502 Weco |
| | Top Entry Circulating | 1 | 4-1/2" IF (B) x 1502 Weco |
| | Top Entry Circulating | 1 | 3-1/2" IF (P) x 1502 Weco |
| | | | |
| | <u>Circulating System</u> | | |
| | Shaker Tank Sand trap Settling Pit Intermediate Pit Trip Tank | 1 | 320 bbl Total Capacity 50 bbl 65.4 bbl 175 bbl 29.6 |
| | Suction Tank Pill Tank Suction Pit 1 Slug Pit | 1 | 471 bbl Total 150 bbl 316 bbl 5 bbl |
| | Reserve Tank Reserve 1 Reserve 2 Reserve 3 | 1 | 466 bbl Total 233 bbl 233 bbl Xxx bbl |
| | <u>Caustic Mixing Facility</u> Mobile tank top Caustic Drum Closable Lid c/w agitation Bottom end 2" discharge c/w hose | 1 | 1 x 1.25 bbl Capacity 1" Outlet |

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| | <u>Trip Tank</u> | 1 | 29.6 bbl |
| | Manual Level Indicator Visual to Driller | 1 | Indicator Visible to Driller |
| | (Level increments no greater than 1bbl/inch) | | |
| | Feed Pumps to Wellbore | 2 | 2x3 Halko Centrifugal Pump |
| | <u>Mud Through</u> | 1 | |
| | Width | | 14" diam pipe |
| | Depth | | |
| | Under Grating | | N/A |
| | (which tanks ?) | | Shaker tank |
| | <u>Pumps</u> | | |
| | Number | 2 | |
| | Type | | Triplex, Emsco Type RS F1000 |
| | Drive | | Independent Diesel DETROIT DIESEL 12V2000 G81 1120bhp at 1800 RPM |
| | Maximum Input Horse Power Per Pump HP | | 1000 HP each |
| | Stroke Length | | 10 inch |
| | Liner Sizes Available (for both pumps) | | 6 ½", 6" , 5" , 4 ½" |
| | 5-1/2" and Pressure Rating | | 5-1/2" 4000 psi |
| | 6" and Pressure Rating | | 6" 3000 psi |
| | 6-1/2" and Pressure Rating | | 6-1/2" 2500 psi |
| | Pulsation dampeners (1/pump) Make | 1 | Hydril |
| | Pressure Rating | | 20 gal/5000psi |
| | Reset Relief Valves (1 each pump) | 1 | RRV Retsco |
| | Charging Pumps (1/pump) | 1 | HALCO 5"x4"x14" |
| | Suction Strainer | 1 | Suction strainer |
| | Discharge Strainer | 1 | Dischrage strainer |
| | <u>Standpipe Manifold</u> | | |
| | Pressure Rating | | 5000PSI |
| | Size | | 4"OD x 3" ID |
| | Number of 2" 1502 Outlets | 2 | |
| | <u>Shale Shaker</u> | | |
| | Make & Type | 3 | Model MISwaco Mongose dual motion With 80 and 100 mesh Screens |
| | <u>Vacuum Degasser</u> | | |
| | Make & Type | 1 | Burgess 1000 Magna Vac |
| | | | |

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| | <u>Agitators</u> | | |
| | Make & Type | | TRAMAT Type Propeller 15hp Location: 1 per compartment |
| | <u>Poor-boy Degasser</u> | 1 | |
| | Make & Type Style Size OD Size Height Mud Seal Height | | 3Cmetal Dubai Baffle type 48" 5meters 12 ft |
| | <u>Mixing Pumps</u> | | |
| | Make & Type Sizing GPM | 2 | Halco Centrifuge 6" x 8" x 11" – 1750 RPM 800gpm - 75 HP |
| | <u>Hole Fill Pump</u> | | |
| | Make & Type Sizing GPM | 1 | Mission 2" x 3" 75gpm - 20 HP |
| | <u>Rig Water Pump</u> | | |
| | Make & Type | 1 | Mission 2" x 3" 75gpm |
| | <u>Surface Lines</u> | | |
| | Size & Type (Connection) & Rating Hard Pipes Size & Type (Connection) & Rating Jumper Hoses Length | | Hard pipe Sched 80 , connection flanged and hammer seal connection |
| | <u>Shock - Rotary Hose</u> | 1 | |
| | Size & Type (Connection) & Rating Length | | 3"ID x 5000psi with safety chain 58.5ft |
| | <u>Stand Pipe</u> | 1 | |
| | Size & Type (Connection) & Rating | | 4"OD x 3"ID 5000psi Wing union 4" FIG-1002 |
| | | | |
| | <u>WELL CONTROL EQUIPMENT</u> | | |
| | <u>11" Annular Type Preventers</u> | | |
| | Make & Type Date of Delivery January 2015 | 1 | Hydril GK 10.000psi flange bottom x 5.000psi studded top |
| | Pressure Rating psi | 1 | 5000psi |
| | Spare 11" Hydril Annular Element | 0 | Spare annular element |

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| | <u>Ram Type Preventers</u> | | |
| | <u>11" Ram Type (Single Gates)</u> | | |
| | Size | | 11" |
| | Make & Type Date of Delivery January 2015 | 1 | Chenkai Type U, 11" x 10K Flange Top & Bottom with (2) 3-1/16" 10K Flanges side outlets |
| | Pressure Rating psi | | 10.000psi |
| | <u>11" Ram Type (Double Gates)</u> | | |
| | Size | | 11" |
| | Make & Type Date of Delivery January 2015 | 1 | Chenkai Type U, 11" x 10K Flange Top & Bottom with (4) 3-1/16" 10K Flanges side outlets |
| | Pressure Rating psi | | 10.000psi |
| | <u>Rams</u> | | |
| | <u>For 11" BOP</u> | | |
| | 4-1/2" Sets | 1 | 4-1/2" rams |
| | 5-1/2" Sets | 1 | 5-1/2" rams |
| | 7" Sets | 1 | 7" rams |
| | Set variable ram 3-1/2" to 5" | 1 | set variable ram |
| | BLIND Shear | 1 | 1 Set Complete Block |
| | | | |
| | <u>Adapter</u> | | |
| | Adapter 13-5/8" x 10K hub x 11" 10K studded | 1 | Adapter |
| | | | |
| | <u>Spacer Spool</u> | | |
| | | | |
| | WP | 1 | 11" x 5000psi |
| | Top connection | | 11" 5k Studded |
| | TOP Size | | 11" |
| | Bottom connection | | 11" 3k Studded |
| | Bottom Size | | 11" |
| | | | |
| | | | |
| | <u>Bell Nipples</u> | | |
| | 11" telescopic Bell nipple | 1 | 11 " telescopic bell nipple |

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| | <u>Accumulator Unit</u> | | |
| | Make & Type | 1 | ENERTEC E-Series style |
| | 4 Way Valve Control Functions | | 6 functions |
| | Reservoir Capacity | | 280 Gal |
| | Accumulator Pressure | | 3500 psi |
| | No. Of Accumulator Bottles | | 8 bottles |
| | Bottle Capacity | | 11Gal each |
| | Main Control - Location | | Driller's control room |
| | Emergency Power | | 5 gls Air bottle |
| | No. of Electric Pumps (Triplex 1") & Type | | One electric pump model UET20-B |
| | No. of Air Pumps & Type | | Two Big-Sixty 60:1 air pumps |
| | <u>Choke Valves, Line & Manifold</u> | | |
| | Make & Type | 1 | DOYLE VALVES type F C gate valve 3 1/8 |
| | Pressure Rating | | 5000 psi |
| | Remote Controlled Auto Choke | | |
| | Location | | In the driller's control room |
| | Automatic Choke Control – Emergency Power | | Hyd hand pump |
| | Automatic Choke Control Supply | | Air operated |
| | | | |
| | HCR Valve on Choke Line | 1 | Cameron Hyd type |
| | Manual Adjustable Choke Size & Type & Rating | 2 | Niddle 2 " x 5000psi |
| | Choke Line Size & Type & Rating | 1 | 3 1/8" x 5000psi steel armored |
| | Choke Manifold Valves Size & Type & Rating | As per drawing | Gate valves 3 1/8" x 5000psi |
| | <u>Kill Line & Valves</u> | | |
| | Kill Line Size, Rating & Description | 1 | 2"ID 5000psi |
| | Kill Line Valve Size, Rating & Description | 1 1 | One Hyd Gate valves 3 1/8" x 5000psi. One manual Gate valves 3 1/8" x 5000psi. |
| | <u>Kelly Cock Valves</u> | | |
| | Upper Kelly Cock | | N/A only IBOP on the TDS |
| | Lower Kelly Cock | | N/A no Kelly on this rig |

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| | <u>FOSV</u> | | |
| | Size & Type | 2 | 6 ½ OD Kelly guard ball valve type 4 ½ IF PxB – 5K WP |
| | Size & Type | 2 | 4 7/8” OD Kelly guard ball valve type 3 ½ IF PxB – 5K WP |
| | <u>Inside BOP</u> | | |
| | 4-1/2” IF | 1 | Gray valve 6 5/8 10M P x B 4 ½ IF connections |
| | 3-1/2” IF | 1 | Gray valve 5 ¼ 10 M 3½ IF PxB connections |
| | <u>BOP Test Pump</u> | | |
| | Make | 1 | BUXTON |
| | Type | | Type S 15G-M air operated |
| | Rating | | 15.000 psi with chart recorder |
| | <u>Cup Testers</u> | | |
| | Casing 48-61Lb/ft | 1 | Type F Packard Int'l 4 1/2 IF PX B Thread |
| | Casing 43,5-53,5Lb/ft | 1 | Type F Packard Int'l 3 ½ IF PxB thread |
| | <u>INSTRUMENTATION</u> | | |
| | <u>Weight Indicator</u> | 1 | |
| | Make | | AUTELEC in metric tons |
| | <u>Parameters [Drilling] Recorder</u> | | |
| | Make & Type | 1 | AUTELEC |
| | Number of Pens | | Computerized / recorded |
| | Recording | 1 1 1 1 1 1 | Hook Load, ROP, TRQ, RPM, Pump Pressure, SPM 1 & 2 |
| | <u>DEVIATION/DIRECTIONAL EQUIPMENT</u> | | |
| | <u>Deviation Surveying Equipment</u> | | |
| | Make & Type | 1 | TOTCO |
| | Range | | 8 – 16° |
| | Timer Installation & Retrieving Tools | | |
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| | <u>OTHER RIG INVENTORY EQUIPMENT NOT LISTED IN SECTIONS A&B</u> | | |
| | <u>Critical Spare Parts</u> | Existing. Detailed list will be provided at contract signature | Full set of spare parts for all equipment sufficient for 100 days operation or two complete WELLS, either on site or at main base. (Require Critical Spares List). |
| | | | |
| | <u>Fire Prevention And Safety Equipment</u> | | |
| | Emergency Shut Down on Rig Floor | 1 | Electronic – Drillers Console activates shutdown of 4 x Generators |
| | Rig water fire pump system | 1 | DIESEL DRIVEN H2O/FOAM |
| | Portable fire extinguishers Confirm Certification date at contract effective date | 12 5 15 24 8 3 | 12 x CO2 6kg. 5 x CO2 9kg 15 x Powder 6kg 24 x Powder 9kg 8 x Powder 12kg 3 x Powder 50kg |
| | Eye wash station | 3 | Located on mud system |
| | Emergency Shower | 1 | Mud Tanks |
| | <u>Breathing Equipment</u> | | |
| | Work Packs Confirm Certification date at contract effective date | 10 | (10)Breathing insulator equip. Drager SAVER CF10 (10) Boxes for CF10 (10)Breathing insulator equipment PA94+ (10)Panoramic mask NOVA P (10) Boxes for NOVA P (10)Aluminum 6 liters Bottles 200 bar |
| | Escape Packs | 5 | Masks with H2S Filter |
| | First Aid Kits | 2 | Rig Supt office – clinic |
| | Fire Detection Equipment | Set | Smoke Detectors |
| | <u>Gas Detection</u> | | |
| | Portable Gas Detectors Calibration Equipment Confirm Certification date at contract effective date | 1 1 | Measuring LEL, O2, CO2, H2S. Tube & Regulator |

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| | H2S Detectors Confirm Certification date at contract effective date | Set | Located on the mud system , flow line , shakers |
| | | | |
| | <u>Communication Equipment</u> | | |
| | Satellite Communication System | | Use of internet 3G system and mobile phone |
| | Computer | 4 | For Rig Sup, Mech , elec , safety coordinator |
| | Printer | 1 | |
| | <u>Rig Camp</u> | | |
| | Rig site office | 1 | 1 x Company man /Geologist 1 x Rig supt/Radio operator 1x mechanic / Electrician / Other 1 x HSE/Clinic 1 x Meeting room/Prayer room 1 x Services company room / Toilet unit |
| | <u>Cranes / Vehicles</u> | | |
| | Forklift | 2 | Manitou Model MRT 2150 Privilege forklift with fork , man riding basket and pipe picker device to handle tubulars for handling 2 7/8” to 13 3/8” Lift Cap 5000kg Lifting Height 20.60 meters Max Reach 18.10m Lift Max at Max reach 600kg |
| | <u>Welding machines</u> | | |
| | Electric welding machines | 1 | ADC TRIARC / 406 / L 400 amps welding unit |
| | Torch oxygen-acetylene welding sets | 1 | One set oxy-Ace cutting torch c/w fash back arrestor |