



**BEREAN OILFIELD AND
ENERGY SERVICES NIG.
LTD.**

BUSINESS PROFILE



Providing Warehouse/Storage space for Clients Oilfield Chemicals as well as inventory management of stock, Coiled tubing and pumping services onshore and swamp location, Auxiliary equipment rentals for oilfield operations,

Contact Us: 68 Ordinance Road Trans Amadi Industrial Layout, Port Harcourt.

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INTRODUCTION

Berean Oilfield and Energy Services Ltd is a wholly Nigerian Company that provides services to the Nigerian energy sector. **Berean Oilfield and Energy Services Ltd** is registered under the "Companies and Allied Matters Act, 1990(CAMA) of the Federal Republic of Nigeria with registration number **RC 769983**

Our services are aimed at serving our customers and enhancing their profitability via the engineered solution and expertise required for addressing their hydrocarbon recovery needs. **Berean Oilfield and Energy Services Ltd** has a complete committed management, a dedicated team of technical workforce and uses cutting edge technologies to provide world class services. We have the versatility and technical expertise to meet customers' expectations. We are in unique position to be your "**one stop**" total solution provider.

OUR MANAGEMENT TEAM

The management of this company is comprised mainly of former **Schlumberger** engineers and managers with combine technical experience of over 60 years.

The management team is composed of the following;

Michael Bosah
Samuel Beluolisa

MICHAEL C. BOSAH PROFILE

Michael Chinedu Bosah earned a mechanical engineering degree from a reputable institution in Nigeria. He started his oilfield service with brief experience with Deutag drilling, GearHart (a Halliburton company), and later with Schlumberger as a pumping and stimulation engineer for 17 years. He rose to the position of Lead CT operations/Client Support engineer for Chevron, Exxon Mobil, Shell, etc.

He possesses extensive upstream experience ranging from oil well design and construction, formation evaluation (logging, perforation, etc), completion processes and down-hole jewelries design, pumping and stimulation (which



includes Coiled tubing acid stimulation, cement water shut offs, coiled tubing drilling, scale removal (blaster tools) applications, coiled tubing nitrogen services, advanced coiled tubing tools, high pressure wells applications, water control, etc).

He has worked extensively in supervisory capacity, leading project teams or directing employees with multi-cultural and diverse background. Several challenging CT advanced projects have been successfully accomplished in a safe and timely manner with Mike as one of the drivers.

His special skills are focused on operations engineering, well site delivery and field operation management. He developed competency in the QHSE management via various QHSE courses attended while working for Schlumberger and other operators like Chevron, Exxon Mobil, Shell, etc.

SAMUEL BELUOLISA PROFILE

Samuel graduated with a degree in mechanical engineering. He started his career with Schlumberger in 1991 and worked for 18 years. He worked in several cementation service supervisory levels from 1994 through 2002. His roles included cementation job execution, improving cementation activities rendered to the clients, scheduling rig audits, and ensuring compliance & standards are maintained.

He became the cell leader and service quality coach from 2002 through 2005. His responsibilities included forecasting and management of products & equipment inventory, capex evaluations, onshore cementation operational coordination, and managed rig accounts and engineering personnel logistics.

He supervised Schlumberger recruiting efforts for the Sub Saharan Africa region from 2006 to 2007 which included coordination of campus full time & summer internship hiring, and interviewed prospective candidates. He became the training and development manager from 2007 to 2008 for the Sub Saharan Africa region. He worked as the field service manager at Ghana from 2008 to 2009.



OUR VISION

Partner with our customers by understanding their field development strategies to consistently deliver on target efficiently.

GOAL

At Berean, our goal is to deliver measurable results by offering world class services and engineered solution that optimizes our customer hydrocarbon recovery process in an environment that is safe and efficient thus creating profitability and growth for the shareholders.

OUR CORE VALUES

- People
- Environment
- Asset Development
- Profitability Enhancement

OUR BUSINESS STRATEGY

- Partnerships/alliances with technology leaders (**Schlumberger Well services**)
- Deliver through our well site operations and engineering solution
- Leverage on proven technical and engineering expertise
- Leverage on local content/Nigerian content opportunity in oil and gas sector

OUR SERVICES

Our services includes but not limited to the following;

- Marine/swamp operations Services
- Warehousing and Facility Management (Chemical, other Products).
- Auxiliary Equipment Leasing
- Well stimulation Services

MARINE/SWAMP OPERATIONS

Berean Oilfield and Energy Services Ltd offers her clients a self propelled barge (MV MR TAUSCH) equipped with well intervention equipment to meet our clients oilfield needs in the marine and swamp environment. With this barge, **Berean Oilfield and Energy Services Ltd** performs full suite of intervention services– Conventional coiled tubing, slickline, Fiber optic enabled coiled Tubing in swamp regions. Activities includes but not limited to;

- Matrix Stimulation
- Water shutoff
- Fishing
- Sand-Cleanouts
- Dewaxing
- Rig-less Re-completion
- Slick-line activities
- CT Logging
- Flagship PSP RST
- Multi-Phase Test Vx



BARGE – MV MR TAUSCH



MARINE DATA:

- n Dimensions:
 - Length:140 ft
 - Width: 35 ft
 - Draft: 5 ft (Min water depth)
 - Propulsion Engines x 2:
 - Caterpillar 3412
 - Gross tonnage: 300 tons



Cranes:

EBI TC60 : 30 mt crane

EBI TC20: 10 mt crane



- Has 2 Spud Legs used to maintain Barge Stability
- Length of Spud Legs: 20 ft
- Safe water depth: 14 ft
- Height from work deck to water surface : 16 ft



TIDAL COMPENSATOR SYSTEMS Safe crane

TECHNICAL INFORMATION – INTERVENTION EQUIPMENT



- n CTU
- n Slickline unit
- n Fluid pump spread
- n Fluid mixing spread
- n N2 pumping spread
- n Choke manifold
- n Flowback facilities

VESSEL SPECIFICATION

MV MR TAUSCH TECHNICAL DETAILS

1.	GENERAL	
	VESSEL NAME	MV. MR TAUSCH
	BUILDER	VERSAFAB MARINE INC. P.O.BOX 667, MARRERO L.A. 70073,U.S.A.
	TYPE/CLASS	SELF PROPELLED BARGE
	CLASSIFICATION & SOCIETY	SWAMP BARGE
	OFFICIAL NUMBER	376420
	COMMISSIONED	1991
	FLAG	NIGERIA, USA.
	YEAR BUILT	1991
2.	DIMENSIONS AND CAPABILITIES	
	LENGTH O.A.(m)	42.7 (140 Ft)
	BREADTH(m)	10.6 (35Ft)
	DEPTH	4.3 (14 ft)
	MAX. DRAUGHT(m)	1.52 (5 ft)
	DEAD WEIGHT	300 Tons
	CARGO DECK AREA(m2)	452 m2
	CAPACITY(m.t)	300 mT
	LENGTH(m)x BREADTH (m)	42.7m X 10.6m
	SAFE WATER DEPTH	14 ft
	HEIGHT FROM WORK DECK TO WATER SURFACE	16 ft
3.	STORAGE TANKS	
	DIESEL TANK	1,900 gals (72,000Ltrs)
	POTABLE WATER TANK	2,100 gals (80,000Ltrs)
	ENGINE OIL TANK	1,550 gals
	HYDRAULIC TANK	1,550 gals
4.	TECHNICAL INFORMATION	
	MAX. SPEED	7-8 Knots/Hr
	SERVICE SPEED	6 Knots/Hr
	ENGINE POWER (Gross Tonnage)	300 Tons
	TYPES & GRADE OF FUEL USED	DIESEL-OIL
	BHP MAIN ENGINES	2 X 671 HP
	ENGINE BUILDER	CARTERPILLAR 3412
	NUMBER OF ENGINES & TYPE	2 X 671HP, CARTERPILLAR ENGINES
	BOW THRUSTERS	1 PC
	FUEL CONSUMPTION PER HOUR	20 Liters/Hr (SAILING)
5.	CERTIFICATES	CERTIFICATE OF NIGERIAN REGISTRY,

		SURVEY CERTS, NIGERIAN LOADLINE CERTS, DRYDOCKING CERTS.
6.	STABILITY	HAS 2 SPUD LEGS, 20 ft Long.
7.	CALL SIGN	MR. TAUSCH
8.	PORT OF REGISTRY	LAGOS
9.	NATIONALITY OF CREW	NIGERIANS
10.	RADIO & NAVIGATION EQUIPMENT	
	SINGLE SIDE BAND	1 Pc
	VHF	2 Pcs
	SATCOM (INTERCOM)	1 Pc
	ELECTRONIC NAVIGATION EQUIPMENT	
	GYRO (COMPASS)	1 Pc
	RADER	1 Pc
	DEPTH SOUNDER (Echo Sounder)	1 Pc
11.	FIRE FIGHTING EQUIPMENT	
	CLASS	FF1
	FIXED	FIRE HYDRATE HOSES
	PORTABLE	6kg ABC DRY POWDER FIRE EXTINGUISHER-9 Pcs.
12.	ACCOMODATION	
	CREW	6
	PASSENGER	28
13	GENERATOR ENGINE	
	ENGINE TYPE	CATERPILLAR
	ENGINE MODEL	3304
	CONSUMPTION PER HOUR	20 Ltrs FULL LOAD
14.	CRANE ENGINE	
	ENGINE TYPE	CATERPILLAR
	ENGINE MODEL	3406
	CONSUMPTION PER HOUR	10 Liters NORMAL 30 Liters FULL LOAD
15.	CRANE TECHNICAL DETAILS	
	Number of Cranes	2 Pcs
	TONNAGE MODEL SERIAL Nos: TELESCOPIC BOOM LENGTH CONTROLS	30 TONNES EBI TC60A-40-73 EBI TC60A-40-73X469 40-73 Ft WALK AROUND CONTROLS
	TONNAGE MODEL SERIAL NOs: TELESCOPIC BOOM LENGTH CONTROLS	10 TONNES EBI TC20A-40-73 TC60A-40-73X469, 40-73 Ft WALK AROUND CONTROLS

WAREHOUSING AND FACILITY MANAGEMENT (CHEMICAL, OTHER PRODUCTS).

WAREHOUSING AND FACILITY MANAGEMENT (CHEMICAL, OTHER PRODUCTS).

Berean Oilfield and Energy Services Ltd provides a structured warehouse/storage facility management to meet her client's needs. Our warehouse management involves the receipt, storage and movement of goods, intermediate storage locations or to a final customer. Activities includes but not limited to;

- Chemical Inventory management.
- Chemical bulking and blending
- Logistic management and stacking
- Proper effluent discharge and waste management and Handling

CROSS SECTION OF WAREHOUSE





LIQUID CHEMICAL SECTION



DRY CHEMICAL SECTION

BULKING/BLENDING AREA





EYE WASH/SHOWER STATION AT THE BULKING AREA



SECONDARY CONTAINMENT TO DISCHARGE EFFLUENT AND TO WASH OFF SPILLS

INVENTORY TRACK SHEET SAMPLE

[illegible]

HEAVY DUTY HAULAGE SERVICES – CRANES AND FORKLIFT

BEREAN CRANES

65 TON CRANE



Rated Capacity	Crane manufacturer	Model	Reg. plate no.	Serial no.	Asset no.(I.D)	Colour
65 Ton	TEREX	RT 665 (4*4)	GGE 36XY	13542	BN/CRN/003/10/19	Custom

90 TON CRANE



Crane Manufacturer	Model	Rated Capacity	Serial Number	Asset Number(I.D)	Colour	Reg. plate number
Terex	RT 190	90 Ton	190120	BN/CRN/005/11/19	Custom	XA450BMA

50 TON MOTORIZED CRANE



Crane manufacturer	Model	Rated Capacity	Asset Number	Reg. plate number	Colour
Krupp	KMK3050	50 Ton	BN/CRN/004/08/19	LND650XP (Lagos)	Custom

50 TON CRANE



Crane Manufacturer	Model	Rated Capacity	S.W.L	Asset Number(I.D)	Reg. plate number	Colour
Grove	RT 700E	50 Ton	37.2 Ton	BN/CRN/001/04/19	BRR611XA	Yellow

55 TON GROVE CRANE



S/N	DESCRIPTION	DETAILS	EQUIPMENT LOCATION
1	Crane Manufacturer	GROVE	BEREAN BASE 2
2	Model	RT 700E	
3	Rated Capacity	55 TON	
4	Reg. Plate Number	BRR 779 XA	
5	Serial Number	223061	
6	Colour	CUSTOM	

65 TON TEREX CRANE



S/N	DESCRIPTION	DETAILS	EQUIPMENT LOCATION
1	Crane Manufacturer	TEREX	BEREAN BASE 2
2	Model No.	RT 665	
3	Rated Capacity	65 TON	
4	Reg. Plate Number	GGE 36 XY	
5	Serial Number	13542	
6	Colour	CUSTOM	

100 TON CRANE



S/N	DESCRIPTION	DETAILS	EQUIPMENT LOCATION
1	Crane Manufacturer	TEREX	BEREAN BASE 2
2	Model	RT 1000 (4 X 4)	
3	Rated Capacity	100 TON	
4	Reg. Plate Number	KTU 748 XS (LAGOS)	
5	Serial Number	13643	
6	Colour	CUSTOM	

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WELL - HEAD MAINTENANCE SERVICES

WELL INTEGRITY CAPABILITY

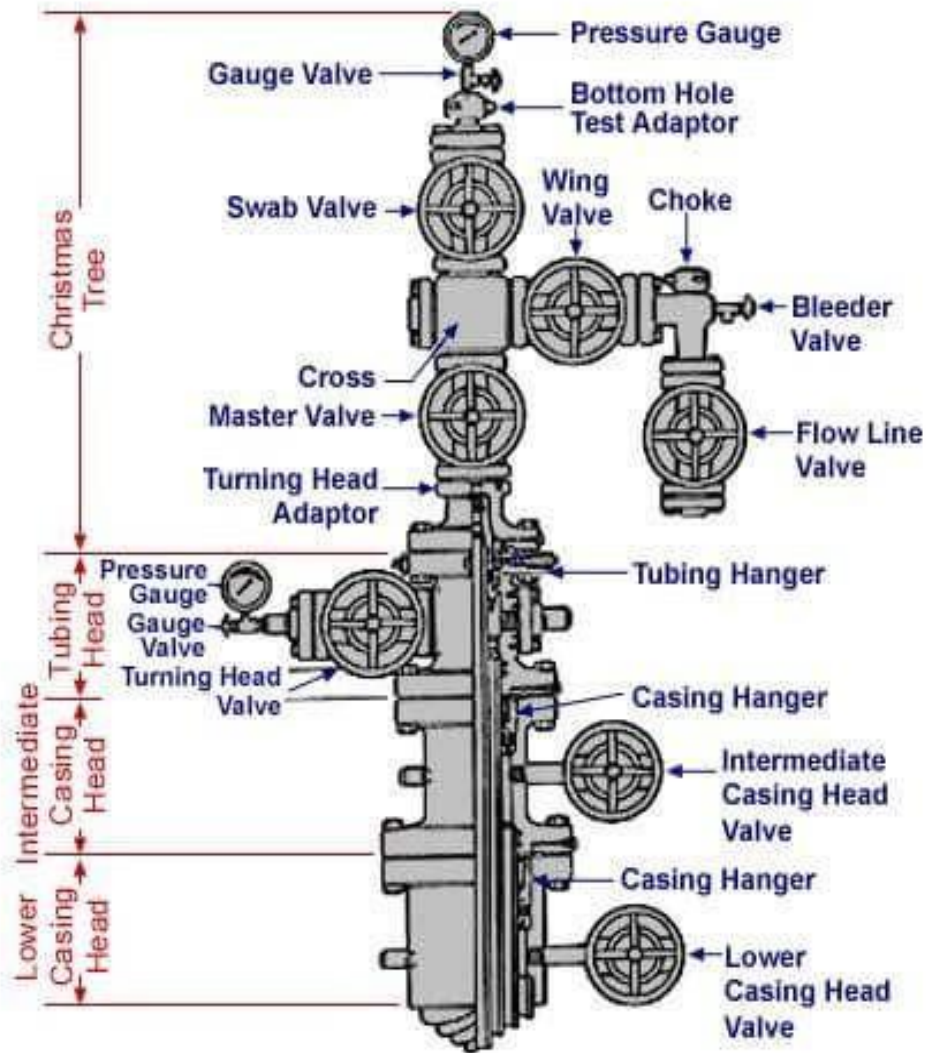
Berean wellhead maintenance (WHM) service forms a key part of our well integrity capability – from new HP/HT developments – through to the mature field site.

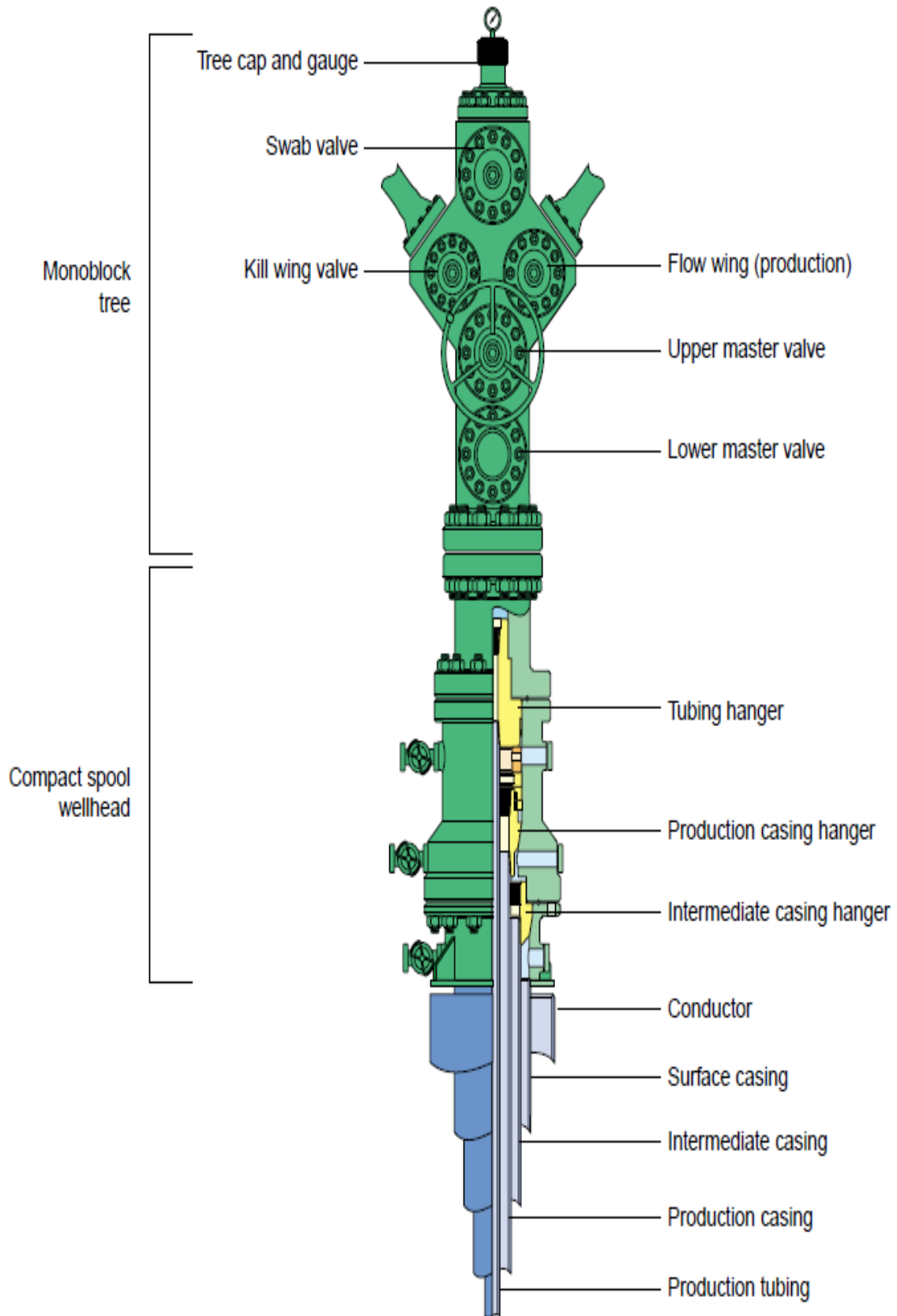
This includes;

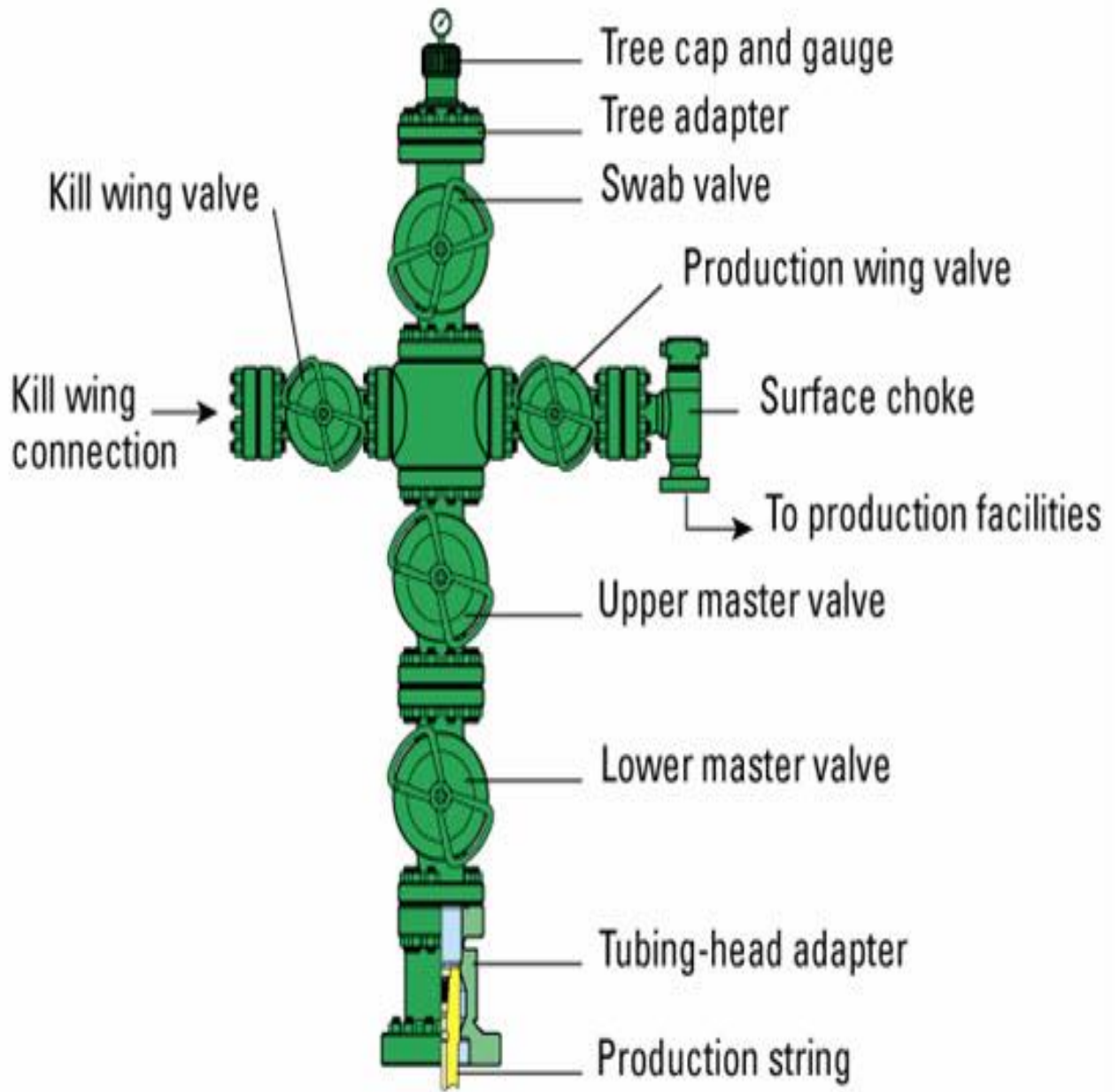
- the routine inspection,
- repair and maintenance of surface wellheads,
- as well as the provision of pressure testing services.

WELL HEAD MAINTENANCE SERVICES

- **Berean Oilfield and Energy Services Ltd** offers a comprehensive Wellhead & Christmas Tree maintenance services for all existing sections including Casing Head, Casing Spool, Tubing Head and Christmas Tree in two (2) different scope namely:-
 - Full wellhead maintenance (Non routine maintenance)
 - Wellhead maintenance (Routine maintenance)







- **In Routine Maintenance, we provide:-**

- Personnel & Equipment on call out for onshore & offshore locations
- Physical inspection of Wellhead and Christmas Tree component
- Lubrication of valves and actuator
- Injection of grease & sealant into Valve Body cavities
- Tubing Head Void Test
- Pressure / function test of valves & actuators
- Casing head pressure void test
- Corrosion and erosion inspection
- Cleaning, preservation & painting
- Inspection & work report
- Updating data & wellhead stack up configuration



- **For Non-routine Maintenance, we provide:**

- Personnel & Equipment on call out for onshore & offshore locations
- Setting or Retrieving BPV's / TWC's
- Thread Chaser for H-Type BPV's thread profile inside Tubing Hanger whilst under pressure using self equalizing lubricators
- Side Door Lubricators (VR Plug installation) for Annulus Valve change out (subject to space availability)
- Repair or replacement of component or parts i.e. valves, actuator, tree cap, fittings etc

- Repair works on valves, valve parts, valve assembly replacement, actuator or Christmas Tree change out
- Servicing / Repair / Refurbishment / Pressure Testing of valves & parts at our workshop
- Specialized Services such as gate valve milling



CROSS SECTION OF OUR WELL HEAD MAINTENANCE WORKSHOP





LUBRICATOR RACK



WORK BENCH/TOOLS BOX



WORK VICE

HOISTING AND LIFTING (CRANE RENTAL SERVICES)

BEREAN CRANES

65 TON CRANE



Rated Capacity	Crane manufacturer	Model	Reg. plate no.	Serial no.	Asset no.(I.D)	Colour
65 Ton	TEREX	RT 665 (4*4)	GGE 36XY	13542	BN/CRN/003/10/19	Custom

90 TON CRANE



Crane Manufacturer	Model	Rated Capacity	Serial Number	Asset Number(I.D)	Colour	Reg. plate number
Terex	RT 190	90 Ton	190120	BN/CRN/005/11/19	Custom	XA450BMA

50 TON MOTORIZED CRANE



Crane manufacturer	Model	Rated Capacity	Asset Number	Reg. plate number	Colour
Krupp	KMK3050	50 Ton	BN/CRN/004/08/19	LND650XP (Lagos)	Custom

50 TON CRANE





Crane Manufacturer	Model	Rated Capacity	S.W.L	Asset Number(I.D)	Reg. plate number	Colour
Grove	RT 700E	50 Ton	37.2 Ton	BN/CRN/001/04/19	BRR611XA	Yellow

AUXILIARY EQUIPMENT LEASING

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Berean Oilfield and Energy Services Ltd provides a wide range of oilfield auxiliary equipment for rental/lease according to the clients need and specifications. We ensure that all equipment leased are duly certified ranging from load test, visual test, NDT as it applies to the equipment being leased.

The auxiliary equipment we provide are but not limited to the following;

- Steel tanks (50bbl, 100bbls etc)
- Steel tanks with mixers
- Stainless steel tanks (50bbl, 100bbls etc)
- Cement silo tanks
- Centrifugal pumps

STAINLESS STEEL TANK

FULL VIEW



Specifications

Capacity	Maximum gross mass	Tare
100bbls	3.8tonnes	3.8tonnes

Outlet





Outlet



Contact Us: 68 Ordina
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40 METRIC TONNE CEMENT SILOS (STORAGE TANK)



FULL VIEW



BOTTOM VIEW

SKID MOUNTED SINGLE PUMP UNIT FOR ONSHORE DRILLING APPLICATION



200BBLs FLOWBACK TANK



340BBLs BLENDER MIXER TANK



WELL STIMULATION SERVICES

WELL STIMULATION SERVICES

Using latest technologies, **Berean Oilfield and Energy Services Ltd** provides full suite of intervention services– Conventional coiled tubing, slickline, Fiber optic enabled coiled Tubing.

- Coiled tubing Service
- Nitrogen pumping, etc

NITROGEN SKID PUMP

FULL VIEW



NITROGEN PUMP SKID – SPECIFICATION

MAX. WORK PRESSURE	HYDROSTATIC TEST PRESSURE	MAX.FLOW RATE	LENGTH	WIDTH	HEIGHT	TONNAGE
10,000 Psi	15,000 Psi	180,000 SCFH	18'0"	8'6"	8'6"	9 Tons

REEL SKID



The Reel serves to store the CT ready for use when required. The swivel facility allows fluid to be pumped through the tubing while the reel drum rotates.

REEL SKID – SPECIFICATION

WEIGHT	LENGTH	WIDTH	HEIGHT	TONNAGE
36,120 Lbs	14'7"	8'6"	9'10"	16.4 Tons

INJECTOR SKID



CT INJECTOR HEAD



The injector unit supplies the effort and retraction required to run and retrieve the CT into and out of a well

INJECTOR SKID - SPECIFICATION

WEIGHT	LENGTH	WIDTH	HEIGHT	TONNAGE
20,000Lbs	14'3"	7'0"	11'0"	9 Tons

POWER PACK SKID





The power pack serves to provide the hydraulic power to operate the coiled tubing unit and pressure control equipment like the BOP system

POWER PACK SKID - SPECIFICATION

WEIGHT	LENGTH	WIDTH	HEIGHT	TONNAGE
15,000Lbs	9'9"	7'9"	8'4"	6.8 Tons

CONTROL CONSOLE SKID



CONTROL CONSOLE SKID – SPECIFICATION

WEIGHT	LENGTH	WIDTH	HEIGHT	TONNAGE
16,000Lbs	9'9"	7'9"	8'4"	7 Tons

QUALITY ASSURANCE/QUALITY CONTROL (QAQC) POLICY

Berean Oilfield and Energy Services Nig Ltd is committed to a global quality management system focused on customer satisfaction. It is the corporate responsibility of Berean as an organization to understand Customers' needs and strive to continuously improve our processes, raising our standards with a view towards exceeding Clients' expectation with high quality, innovative products and services – having a good understanding of the Nigerian Oil and gas environment.

Our products and Services includes but not limited to the following:

- Cementing and Associated services
- Stimulation and Pumping Services
- Pipeline services
- Coiled Tubing Services,
- Nitrogen and Associated Services
- Engineering Services

With reference to the nature of our operations, utmost importance is attached to conformance of our services with international acceptable standard. In essence, Service quality in the end is “key” to what we do.

The Berean Quality Management System conforms to the International Standard ISO/FDIS 9001:2008(E), planned and developed jointly with all our management functions. We are all committed to operating continuously to this standard and we will maintain the necessary Quality Approvals consistent with our customer requirements.

The quality policy is based on 3 fundamental principles:

- Ensuring that we fully identify and conform to the needs of our customers.
- Looking at our service delivery processes, identifying the potential for errors and taking the necessary action to eliminate them.
- Everyone understanding how to do their job and not just doing their jobs but doing it right the first time.



Our goal is to deliver measurable results by offering services and engineered solution that optimizes our customer hydrocarbon recovery process in an environment that is safe and efficient. We intend to achieve this, through our well site operations and partnerships with technology leaders and also leverage on proven technical and engineering expertise.

The assurance of quality is fundamental for all work undertaken by Berean and will be implemented by our staff in their work. To that effect Berean shall:

- Maintain consistency in work method in accordance with set policies, procedures, regulations and codes of practice.
- Ensure that all policies, procedures, relevant regulations and codes of practice are implemented and systematically reviewed to reflect Berean's values.

Regularly monitor and measure the quality of its work methods, outputs and outcomes with a view to ensuring high quality standards, best value and continuous improvement

It is Berean Line management responsibility to provide the necessary tools to ensure safe, cost effective and efficient service delivery to our esteemed customers.

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Director