



OPENSKY
COMPANY
OIL & GAS INDUSTRIES



**OIL & GAS SOLUTIONS
DRILLING EQUIPMENT
WORKOVER RIGS
MUD PUMPS
GENERATOR SETS
OTHER MEASUREMENT TOOLS
GAS LIFT EQUIPMENT
and MORE...**



TITLES

SERVICES AND MANY OTHERS

MISSION STATEMENT

DRILLING SOLUTION

CONTENT



SERVICES AND MANY OTHERS

Services are formed by a group of expertise for supplying and engineering service providing in the area of energy industry in general. In particular we provide services for extraction of fossil fuels industries (Gas and Oil), power generation industries (hydro, thermal and wind), and distribution of energy (water, electricity and gas) for the consumers. After years of success in international trading, a merger with best Services, Europe was done to expand its activities in the area of energy industry. Our staff is both qualified, academically and by hands on experience. They include former service company field management and operation staff from everywhere, with links from outstanding and well known energy schools. Highly experienced specialist sub-contractors carry out most of our services. Over the years we have earned an excellent reputation for high quality consultation, studying and partnership solutions. Our designing, developing and analyzing services in the energy industry with exceptional customer service has built trust with our customers, who rely on our work ethic and products. They know that our work reliability and excellence is our bond target.

Mission Statement

Our Services main commitment is to deliver outstanding customer service with research for the most updated equipment and products, developing new ideas all the time. Our work ethic and excellence will establish us in the international community as the most reliable and efficient partner in the energy sector. We constantly strive to build and retain trust with our customers, while providing efficiency and reduction of costs. We are ready to compete by using our tools of research and link to sources, quality of products and excellence in delivery of service.

We Building for the next generation!!

Drilling Solutions (DS)

We are a Coordinator Services Company that is formed by a group of expertise for design engineering and procurement services providing in the area of energy industry and technology transfer in general. In particular we provide projects for commissioning all services related to Oil & Gas & Petroleum industrial aspects specially extraction of fossil fuels industries (Gas and Oil), power generation industries, Directional Drilling (RSS/MWD/LWD) & many others and was established After years of

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OPEN SKY

TITLES

- EXPLORATION
- MANUFACTURING EQUIPMENT



hardworking in international trading, a coordinator merger Services significantly in order to expand its activities in the area of energy industry and oil-gas-petrochemical service company using the highest technologies and best graded ranked facilities and equipment's and knowledge based feasibilities programs & research group and engineering team as a balance of best performance and high quality services also, Customer service is a high priority because we want to build a reputation for reliability, quality and low cost expense with designing and field diagnostics for Oil & Gas Divisions Via our active network with the research institutes and universities, as well as manufacturers and technology services providers and end-users network our expertise lie in the various petroleum engineering and geoscience disciplines, so as to provide innovative and effective research, training and consultancy services. Our engineering solutions, innovation, research and development in Oil and Gas expertise fall into following key industry themes: DRILLING SOLUTION is Utilizing its experience in oil & gas field with partnership of the best of industry, Offers a huge variety of drilling equipment, completion and down hole tools and parts in high quality and competitive price to support the onshore & offshore drilling market worldwide. We believe in long partnership and maintain our mission by presenting faith, loyalty and proficiency to our world-class customers.

1. Exploration

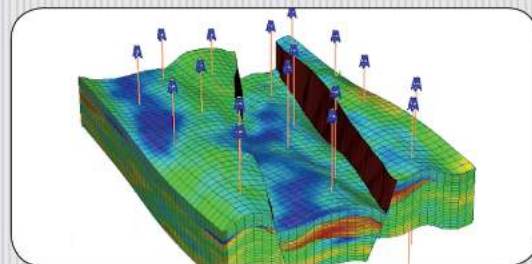
Expertise in exploration related disciplines include the following topics:

- Applied Geophysics
- Rock Deformation and Formation Analysis
- Basin Structure
- Reservoir Engineering
- 3D Visualization and Reservoir Simulation

2. Drilling and Production

- Consulting & Management for Offshore and Onshore Drilling
- Directional drilling and well surveying
- Well Completion and Intervention
- Enhanced Oil Recovery and Well Stimulation
- Unconventional Gas and Oil Resources
- Tight Gas and Hydraulic Fracturing
- Oil Field Corrosion and Fouling
- Multiphase Flows in Oil Field and Production
- Process Engineering and Oil/Gas Refining
- Safety Engineering
- Environmental Technologies
- All type of Rotating Machinery

We also do ODM & OEM of Major Principal's brands capital equipment parts manufacturing and planned OUR COMPANY / projects services execution.





MANUFACTURING EQUIPMENT, TOOLS & PARTS AND OTHER COMMISSIONING SERVICES BASIS

Directional Drilling Services and Measurement Tools. MWD/LWD/RSS

We're a leader in horizontal and directional drilling and one of the strongest energy services companies with rigs operating worldwide, including our flagship Automated Drilling Rigs (ADRs®). We're a team of innovators with expertise in deep, complex and challenging wells.

Partner design and develop via collaboration, the directional drilling technology and measurement tools which provide all type of accurate and reliable information during drilling. This information is known to have great importance in information during drilling. This information is known to have great importance in drilling especially during directional drilling.

SOME SPECIAL FEATURES

Build rates up to 10 degrees /100 feet in larger hole sizes and up to 16 degrees /100 feet in smaller hole sizes / Reduce drilling time-drill the vertical, curve and lateral in one BHA with no sliding intervals or added trips for down hole motors Increase reservoir exposure-kick-off deeper and in the / Increase reservoir exposure kick-off deeper and land in the reservoir sooner / Reduce sail angle required in extended reach drilling, reducing torque and drag, and facilitating faster, smoother tripping High temperature up to 347°F (175°C) and high pressure up to 30,000 psi (207 MPa) environments. Control systems to use as a closed-loop feedback system for vertical or tangent angle control or to operate with surface supplied instructions to efficiently drill any directional well plan Side tracks Features The pivot is optimized for high build-rate wells. / The point-the-bit design / improves hole quality, which enables more efficient Cuttings removal and enables casing and liner to run smoothly to bottom Reduces nonproductive time and enables precise steering control by dynamic / Down linking On-board sensors / measure vibrations, whirl, and stick-slip, which enables operators to implement mitigation strategies in real time / The near-bit stabilizer improves hole quality and the stability of the bottom hole assembly / A motorized option for greater rate of penetration.

Directional Drilling & Measurement Tools (MWD/LWD/RSS) design and develop via collaboration, the directional drilling technology and measurement tools which provide all type of accurate and reliable information during drilling.

TITLES

- MWD/LWD PRODUCTS
- DIRECTIONAL DRILLING APPLICATIONS
- KNOWLEDGE TRANSFER

These information are known to have great importance in drilling especially during directional drilling. Directional tools include Measurement while Drilling (MWD) and logging while Drilling (LWD) equipment and various highly reliable and operational solutions for all types of drilling operations.

MWD/LWD PRODUCTS / MWD SYSTEMS High-pressure/high-temperature wells .

MWD Systems

- MWD Gamma Sensor with Environmental Monitoring
- Electromagnetic MWD Systems
- Dynamic Directional Sensor (DDS)
- MWD (MPT) Data Rate
- Turbine Alternator

LWD (Logging while drilling)

- Wave Propagation Resistivity Sub
- LWD Azimuthal Gamma Ray Sensor
- LWD Integrated Porosity, Caliper & Density Sub
- LWD Full-Wave Sonic Tool

Directional Drilling Applications

- **Relief Wells:** killing the wild well by drilling another well (relief well) which is drilled directionally. The relief well should intercept or pass to within a few feet of the bottom of the wild well (example, deep water horizon, Gulf of Mexico, BP)
- **Fault Drilling:** to minimize the casing damage by drilling parallel to a fault.
- **Inaccessible Locations:** blocked by some obstacle at surface such as river, mountain, city, airport, protected locations etc.
- **Sidetracking/Straightening:** to control well inclination angle and to correct the path of the well, e.g. drilling around a stuck pipe or fish, or plug back the well to drill to an alternative target.
- **Multi-well Platform Drilling:** making the field development, economically feasible by drilling a number of wells from one Location (platform), both onshore and offshore.
- **Multilateral wells:** are new evolution of horizontal wells in which several wellbore branches radiate from the main which several wellbore branches radiate from the main borehole.

KNOWLEDGE TRANSFER

Understands that beside quality tools, a knowledge transfer represents the key role in securing A successful startup of client's services (in Country), hence our focus on assisting with:

- Operational Structure Set up
- Repair & Maintenance LEAN strategy set up and workshop for servicing tools





- Workshop Processes, Procedures, Standards set up and training
- HSE Program and Quality Assurance, Quarterly Audits
- Reliability Programs
- Training Programs
- Workshop management and technicians
- Field Engineers Training Program
- Performance Drilling
- Basic Directional Drilling
- Well planning, Anti-Collision
- Stuck Pipe Prevention
- Office Personnel Training Program
- Survey, Well planning, Anti-Collision
- Drilling Engineering, Hydraulics, Torque & Drag
- Performance Drilling
- Basic Directional Drilling
- Operational Standards, Best Practices
- Procedures, etc.
- Software - Track a Tool (CGMS)

Effective knowledge transfer will ensure lowering the risk through access to Experience and Training Has a unique capability providing experience and training enabling client's effective execution. We use already established client's infrastructure and footprint.

ESP PUMP TOOLS

Electrical Submersible Pumps Quality Sucker Rod Pumps and Accessories (SRP)

Quality Polish Rods and Rod Couplings (PRC)

Quality Tubular Products (TP) ;Our capability.

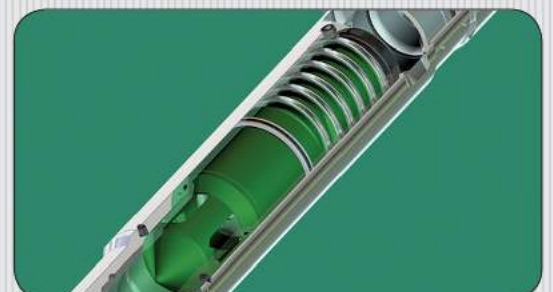
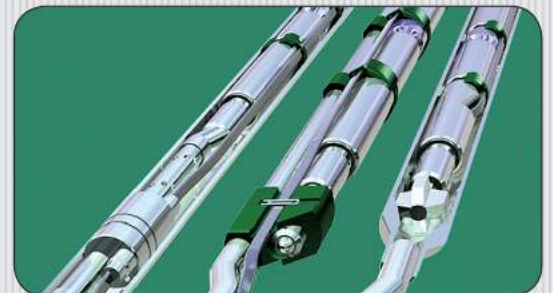
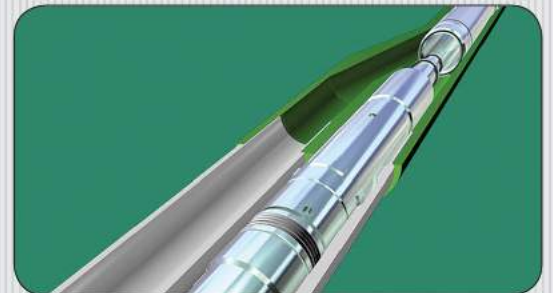
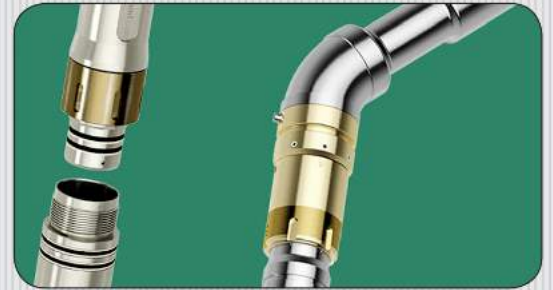
Our leading manufacturer has developed a reputation for being able to tackle problem and well applications to make them successful for our customers. This all starts with our Engineering and Technical Service Group. Whether it be a complete ESP design and quotation, or an analysis of an existing ESP / well's performance or a customized ESP order for a specific application, We have the experience, knowledge, tools, and manpower to make each application a success for all of our customers. We stock all parts for every sizing requirement needed for the submersible pump industry. Also, we stock a wide array of parts for most sizes for rod pump repairs or we can supply new assembled pumps at your request. If long lead times and quality are an issue from your present suppliers, contact us and we will be more than willing to look at your specific needs. We manufacture all our products to current API specifications quality we represent a number of manufacturers and are





able to source the best products at the best PRICING. Electrical Penetrators & Connector Systems Subsea Wet Mate & Dry-Mate Connector Systems;

- ESP Completion Systems & Mechanical Products
- Artificial Lift Monitoring ESP Monitoring
- Electrical Penetrators & Connector Systems
- Wellhead Penetrators & Connector Systems
- Vertical
- Side-Entry
- Split-Phase
- Packer Penetrators & Feed thru Systems
- Single Mandrel
- Split Phase
- Field Attachable
- Wellhead Field Attachable
- Packer Field Attachable
- The SWITCH
- Completion Systems & Mechanical Products
- ESP Dual Systems
- Y-Tool System
- Twin (CAN/POD)
- Single (CAN/POD)
- Dual Concentric
- Multiple Zone
- Restricted Annular UVP
- Double Horsepower – Parallel
- Double Horsepower – Series / Y- Check (Auto Y-Too)
- ESP Encapsulation (CAN/POD)
- ESP Bypass System
- Bypass Plugs / Bypass Tools
- Tubing String Products
- ADV - Automatic Diverter Valve
- NRV - Non Return Valve
- Adjustable Union / PRL Swivel Sub
- BOP CAN
- Pump check
- Sand Cat ESP DE sander
- ESP Motor Shroud / STEALTH Clamp
- Subsea Wet-Mate & Dry-Mate Connector Systems
- Monitoring & Control Connectors
- ROV Wet-Mate Connectors
- Stab Plate Connectors
- Diver-Mate Connectors (SW) Diver-Mate Connectors (DW)
- Junction Box
- Temperature & Pressure Sensor
- Tree & Tubing Hanger Instrument Connectors
- Vertical Connector
- Vertical Connector - 1"
- Electrical Horizontal Wet-Mate
- Concentric Connector





- Concentric Connector - HP Series
- Subsea Electrical Penetrator / Field Attachable Connector
- Electrical Mechanical Splice
- Tree, Tubing Hanger & Down hole Power Connectors
- Wet-Makeable Connector
- Split-Phase Vertical Connector
- Power Junction Box
- Renewable Connector Systems Wet-Mate Connector
- HV Split-Phase Connector
- HV Dry-Mate Connector
- HV Electrical Penetrator
- Subsea Sensors
- Valve Position Sensor Temperature & Pressure Sensor
- Artificiality Monitoring
- ESP Monitoring
- Data1 ESP Sensors
- Data2 ESP Sensors Transvers Surface Displays

We offer commissioning services of designing, construction, improvement and maintenance of all types of land and offshore drilling rigs. Our products support drilling for all types of operation of any size and quantity.

Wireline Services

Wire line Services Is now offering cased hole wire line services. Our vision is to utilize state of the art equipment operated by industry veterans to create a first in class product line.

Services offered include:

- Pump-Down Perforating
- Addressable Switch
- Tubing Conveyed Perforating
- Radial Cement Bond Log
- Compensated Neutron Log
- Temperature Survey
- Pipe Recovery
- Mechanical Services
- Coiled Tubing Services

Provides coiled tubing services for both well intervention and new well completion programs for some of the largest and most active oil and gas producers.

Pipeline clean-out:

- Setting packers and plugs
- Back washing injection



TITLES

- FRACTURING SERVICES
- PIPE YARD MANAGEMENT SERVICES
- ACIDIZING SERVICES
- CEMENTING SERVICES

- Thru tubing gravel packs
- Perforating/memory logging
- Velocity/siphon string installation
- Stimulations
- N2/fluid displacement
- Toe preps
- Paraffin removal
- Well clean-out
- Jetting
- Cementing
- Milling and fishing operations
- Horizontal plug and/or profile drill-outs

Fracturing Services

Offers superior hydraulic fracturing capabilities to handle the most technically demanding completions challenges. Advanced engineering, streamlined systems, plentiful resources and outstanding service allow us to execute with uncommon efficiency.

Pipe Yard Management Services

- **Pipe supply:**
inventory, inspection, maintenance, repairs, rig preparation, consignment, loading/unloading
- **Traceability:**
pipe number, heat number, length and grade
- **Forecasting:**
tubular purchasing planning and accessory manufacturing

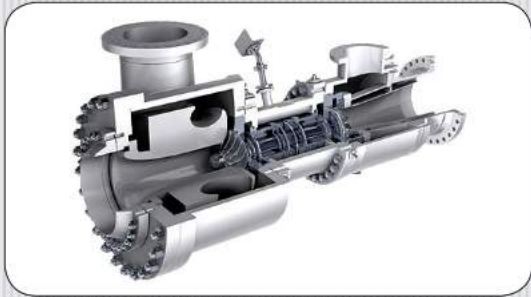
Acidizing Services

Has un-paralleled expertise in acidizing. Whether a simple pickle job or an extensive stimulation treatment with diversion; engineering team designs the fluid system and provides the equipment and people best suited to the job. Leading edge chemicals, along with top of the line pumping equipment and data acquisition provides proven results.

Cementing Services

Our advanced cementing systems are engineered and tested to achieve the fluid loss, free fluid, thickening time and compressive strength requirements of our customer. advanced cementing simulation software ensures fluid rheology and density hierarchies are engineered to optimize mud removal and achieve zonal isolation.





Iron Roughnecks

Partners manufactures complete range of iron roughnecks in several sizes which is used as a tool to improve the pipe handling operations. Iron roughnecks also improve the safety of operation which is beneficial for both drilling operations and safety of the crew. It also enables time saving on operations by saving time on connecting pipe and also enabling several simultaneous functions to perform at the same time.

Skidding

Offers highly reliable and excellent performing skidding systems. Our company designs and cooperates on production and manufacturing of skidding systems using high tech tools and methods to be able to perform in all drilling and rigs operations.

Pipe Handling

As a leading designer and supplier of oil and gas equipment, offers all old and new pip handling solutions to suit all operations. Our products are made a in a way that both saves times on pipe handling as well as using less space by efficiency handling the pipes and storing them in suitable places. Our pipe handling solutions can work with all drill pipes, casings, collars, tubing's, tubular and many more. Other than mentioned advantages, our pipe handling systems can also make the working environment a safer and less risky place by properly managing the pipe handling operations

Oil Rigs

Offers designing, construction, improvement and maintenance of all types of land and offshore drilling rigs. Our products support drilling for all types of operation of any size and quantity.

Rotating Equipment

Rotating Equipment includes those components that turn the bit.

We designs and cooperate on manufacturing all types of rotating equipment for any size. The products include Power Swivels, Rotary heads, rotary tables and many more.

TITLES

- TOP DRIVE SYSTEM
- WASTE MANAGEMENT
- DRILLING EQUIPMENT
- DRILING LINES
- WORKOVER RIGS
- MUD PUMPS

Top Drive Systems

Offers extensive range of Top Drives for any size and any types of operation. Our products are so diverse that it provides you the top drive solution for all drilling and work over needs. Top Drives are amongst the highest quality, highest performance and most reliable and lasting ones.

Waste Management

As Drill Waste Management works by treating water-based and oil-based drilling waste. Our products are able to work under any drilling conditions from small to large operations.

DRILLING EQUIPMENT

Drilling Equipment takes into account a variety of equipment. The major parts of the Equipment for Drilling are the following: crown and crown block situated at the apex of the rig, traveling block, draw works, sand pipe, engine, fuel or water tanks, swivel, rotary hose, turn table, pipe rack, conductor pipe, bore hole, bit, drill pipe, mud pit and mud pump

Drilling Lines

In a drilling rig, the drill line is a multi-thread, twisted wire rope that is threaded or reeved through the traveling block and crown block to facilitate the lowering and lifting of the drill string into and out of the wellbore.

WORKOVER RIGS

A Work over Rig is a portable rig that is used to perform work over operations in a well. Once the economic life of a well is over, the rate of production starts to decline. Work over Rig consists of the following:

MUD PUMPS

A rig operator generally stores two or three Mud Pumps out of which one is operational and the others are standby.

- Triplex Reciprocating Pumps (these pumps have three pistons)
- Duplex Reciprocating Pumps (these pumps have two pistons)

A Mud Tank is a container made from steel plate and steel tube with an open top for storing drilling fluids on a drilling rig.

