

**SATADD™**

***Oilfield Solutions***



**SATADD™**

***“where customer satisfaction is the  
prime measure of our performance” ©***

## Introduction

Satadd Oilfield Solutions (SOS) is the oil & gas services division of Satadd Global Pty Limited, a privately owned Australian registered company with the technical and engineering support of a group of multi-national, reputable and established Service and Manufacturing companies from Europe, Asia and North America.

The individuals making up the team at SOS are wired to aim for the unachievable. We believe that this seemingly impossible task is actually possible with relentless dedication, genuine effort, the skill set needed to do the job and most importantly with perseverance and persistence SOS personnel are famous for. We offer proven technologies from reputable manufacturers from Europe, North America and Asia. We stand behind every piece of equipment we provide because we believe in what we are offering. The confidence we have in our products and services translates to peace of mind for our customers and eventually leads to successful operations in the field for our customers. Repeat business is vital to our business hence, doing the job right the first time is the only option we have.

SOS, through its association with reputable suppliers, manufacturers and service companies, provides a comprehensive range of drilling tools including but not limited to Drill Pipe, HWDP, Drillcollar, Test String, Tubular handling equipment and accessories, BHA components, Fishing, Milling, P&A, and Whipstocks.

## The Organisation

Safety, Health, Quality and the Environment are the corner stones of our organization. The organisational culture at SOS is synonymous with integrity, ethical behavior, respect and commitment to do the best for its customers.

## Personnel

SOS has assembled a team of dedicated, conscientious, skillful and industry respected professionals whose sole aim is to provide the

best service to their clients in the safest possible manner and by the most economical means. This is a challenge that our competitors are seldom willing to take on.



## Mission Statement

The Management and personnel of Satadd Oilfield Solutions (SOS) are committed to the provision of professional, responsive, responsible, reliable and transparent service to all their customers in the oil & gas industry.

SOS makes all efforts to offer its customers sound advice and professional services to provide effective and efficient solutions to their problems.

SOS shall endeavor to exceed its customer's expectations through continuous improvements to product packages and services.

SOS recognises that its employees are its most valuable asset. We are committed to providing a safe, fair, healthy and rewarding work environment for all our employees, regardless of their position within the organisation. Personnel development and training shall remain a high priority.

SOS respects, and highly regards, the importance of its suppliers and the contribution they make to the achieving the company's objectives. We shall always deal with all suppliers who seek to do business with us in an honest and fair manner.

SOS strives to be the market leader in its field and will implement innovative methods and strategies in order to achieve this goal.

## Quality, Health, Safety and Environment Policy

SOS' commitment to its personnel, customers, suppliers, the environment, and the general public is indisputable. It is SOS' irrevocable policy to provide a working environment where all personnel can carry out their respective functions in a safe, efficient and productive manner. This Policy dictates that people, the environment and physical structures will be protected against potential loss that may directly, or indirectly, exist as a result of the company's operations.

In carrying out this policy, the company recognises the need for:

- Dedication of time and effort directed at loss prevention.
- Provision of competent professional supervision.
- Identification of all hazards, and management of the associated risks.
- Allocation of human and financial resources to achieve the above.

The company, its management, and personnel shall continually strive for excellence through increased levels of Service Quality, Safety and Productivity. To achieve these objectives, we shall endeavor to maintain the highest practicable standards as recognised by the customers, organisations, and communities we serve.

This shall encompass:

- Continued training of all company personnel.

- Adherence to documented Company Policy and Procedures.
- Recognition of our responsibility to our customers.
- Continued improvement in our practices.

All personnel within the company shall be competent to perform their respective duties in accordance with the SOS' Integrated QHSE Management System as based on the systems and standards of ISO 9001, ISO 14001 and OHSAS 18001.



## Downhole Tools

Today's drilling operation is more demanding and challenging than ever before. Drilling of Ultra Deep, Highly Deviated, High Pressure/High Temperature or Short Radius wells whether drilled conventionally or Under Balanced in high H<sub>2</sub>S and/or CO<sub>2</sub> environment demand specific characteristics in the tubulars and other downhole equipment and accessories utilized. In such circumstances, the consideration must be given to a number of factors including:

- External and Internal Geometry
- Metallurgical properties
- Tensile and Torsional Strength of the drillstring components
- Drillstring ID, Annulus flow area and Pumping capacity



- Flexibility of the drillstring components
- Hard-banding and Internal Plastic Coating

It is the desire of every Oil Company to drill its wells safely, efficiently and, in an environmentally sound and cost effective manner. This, therefore, necessitates the requirement for the equipment deployed to be of the specification and standards suited to the Operator's specific needs.

Satadd Oilfield Solutions (SOS) prides itself in being able to offer tubulars and associated downhole equipment with a wide range of sizes, grades, proprietary connections and varied configurations to ensure the customers' requirements in any kind of situation is catered for.

Downhole equipment offered by SOS includes:

#### **Drill Pipe & Heavy Weight Drill Pipe:**

- 2.3/8" to 6.5/8" Drill Pipe – API & Proprietary High Torque connections
- 3.1/2" to 6.5/8" HWDP – API & Proprietary High Torque connections
- Full Range of Pup Joints

#### **Drillcollars:**

- 3.1/8" to 11.1/4" OD Slick / Spiral Drillcollars
- Full Range of Pony Drillcollars

#### **Tubing:**

- 1.1/4" to 5" Premium connection Test Tubing
- Full Range of Tubing Pup Joints

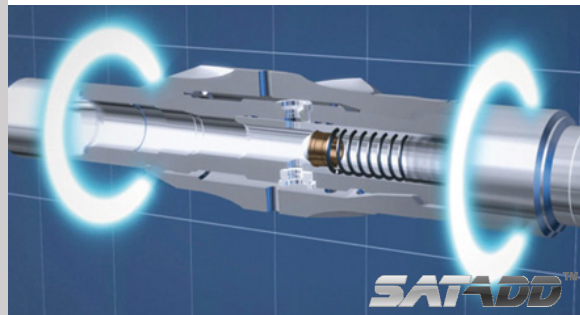
#### **Tubular Handling Tools and Accessories:**

- Elevators, Side Door (Manual / Air Operated)
- Elevators, Centre Latch (Manual / Air Operated)
- Elevators, Slip Type (Manual / Air Operated)
- Elevator / Spider (350, 500 & 750 Ton)
- Elevators, Single Joint

- Bowl & Slips
- Rotary Slips (Manual / Automated)
- Safety Clamps
- Safety / Kelly Valves, Drop-In-Check Valves & Inside BOP Valves
- Crossover Subs, Bit Subs and Lift Subs
- Manual Tongs
- Stab-In & Stab-Out Guides
- Mud Buckets

#### **BHA Components:**

- Hole Openers
- Stabilizers (Integral Blade / Welded Blade)
- Roller Reamers (Standard / Sealed Bearing)
- PBL Bypass System / Circulating Subs
- Drilling Jars
- Drilling Jar Intensifiers
- Shock Absorbers



## Specialised Equipment

Current Deep, Highly deviated, Horizontal and Extended Reach Drilling programs face limitations in two primary areas:

### Equipment Limitations:

- Torque Capability – Top Drive
- Pipe Racking Space – unable to handle large OD drillpipe required
- Pressure Available at Surface - Pump Capacity and Output
- Drill String – Mechanical strength, OD/ID, BHA components
- Cuttings Handling – capability of screens, disposal

### Well Design Limitations:

- Hydraulics – concerning cuttings transport
- Well Profile – High angle tangent sections, long horizontal sections, turns
- Build / Drop Rates – often exceeding 6 deg./100ft
- Torque & Drag – High side loads, excessive pick up weight, pipe buckling
- Formation – High differential pressures causing sticking, fluid losses
- Casing – Potential wear due to high side loads and prevalent use of Rotary Steerable Systems

### Managing the Limitations:

The Drilling Engineers endeavour to optimise these limitations to the best of their ability and on the basis of the tools and methods available to them. Some operators, in their efforts to combat these problems, have resorted to some less than perfect methods, and in the process have created even greater problems than those they had originally intended to overcome.

Satadd Oilfield Solutions is in a position to offer its customers a comprehensive range of mechanical solutions to help them manage those limitations. The range of equipment

offered by SOS as listed below are intended to cater for a variety of situations and needs:

### High Torque & Drag, Casing Wear and Drill Pipe wear:

- Sub-based Tools (All-steel, Non-Rotating Sleeve Type)
- Pipe Deployed Tools (Non-Rotating Sleeve Type)

### Hole Cleaning and Differential Sticking:

- Sub-based Tools with external fluted profiles
- Range-2 Drill pipe with external fluted profiles

### Deployment of PBL Multiple Activation Bypass System for:

- Lost Circulation during all drilling phases
- Displacement during workover and completions
- Horizontal thru tubing rotary drilling
- Stuck pipe scenarios
- Horizontal acidizing & stimulation
- Under-balanced drilling
- Special application coring and under-reaming techniques
- Fixed cutter/bi-centre bits or hole enlargement applications
- Sub-sea riser/BOP jetting
- Tripping dry pipe
- Filling Drillstring while running in hole
- Reverse circulation
- Shocking Pipe to remove scale and debris



## Product Sales

Satadd Oilfield Solutions offers its customers a comprehensive range of Downhole drilling, milling and fishing equipment manufactured by reputable, well equipped and quality driven manufacturers.

The manufacturing facility is an **ISO9001**, **API Q7** and **API-5CT** accredited establishment. The product quality and conformity to given standards are ensured by highly skilled control inspectors, equipped with the appropriate gages and measuring apparatus.



The range of products offered include but not limited to:

- Casing and Liners
- Casing Accessories
- Hole Openers
- Integral & Welded Blade Stabilizers
- Drillcollars and HWDP
- Hydraulic Underreamers
- Roller Reamers
- Rotary Substitutes
- Milling Tools
- Washover Pipes & Shoes
- Hydraulic Casing Cutters & Section Mill Cutters
- Skirted Junk Mills, Core Catchers, RCJB's & Junk Subs
- Die Collars & Taper Taps

- Impression Blocks & Fishing Magnets
- Miscellaneous Fishing Tools



## Sales, Marketing & Business Development

Professional and effective marketing and business development is the key to success in any business. First impressions are ever so important, and we at SOS are committed to ensuring that we leave a positive and lasting impression on all of the customers we meet on our clients' behalf.

At SOS, we do not employ pressure sales techniques in order to achieve our sales objectives; instead, we depend on our long-term and robust relationship with our network of customers. Our relationship with each of our customers has been developed over many years of mutually beneficial association built on a foundation of trust and mutual respect. Our professional staff are well-known in the industry and our customers know that we, invariably always, delivered on what we promise.

Services offered with respect to sales, marketing, and business development include:

- Conducting market research on your behalf.
- Arranging customer visits and sales presentations.
- Organising hospitality functions.
- Ensuring that your promotional and marketing material reach the intended customers.
- Assisting with the promotion of products and services at the desired trade shows.

## Technical Support

Technical support service offerings include:

- Securing and facilitating technical presentations of its customers' products to potential customers.
- Representing its customers in technical discussions with their customers.
- Performing NCR investigations and assisting with preparation of final close-off reports.



## Operational Support

SOS can assist clients in the following ways:

- Provide management support to its customers' in-country operations.
- Assist with service and maintenance of its customers' equipment in the country of operation.
- Manage all third party services such as transportation, inspection, service, maintenance and repair of its customers' products.



## Sourcing & Procurement

Not having a presence in a particular country can place many obstacles in a company's path

to provide exceptional service to its intended customers. For example, problems can arise when sourcing or procuring correct parts or components for equipment. SOS can offer its customers peace of mind, and customers can be confident that any material procured on their behalf will be exactly as per the specifications and tolerances they require.



## Manpower Services

SOS can assist its customers by offering qualified and experienced personnel in the following categories:

- Upstream:
  - Experienced Drilling Engineers, Quality Assurance professionals and Petroleum Engineers
- Downstream:
  - Experienced Construction, Facilities and Commissioning Engineers

## Bundled Services

In addition to the core products and services offered by Satadd Oilfield Solutions, SOS, in collaboration with a number of reputable companies, is in a position to offer its customers bundled packages of equipment and services sourced from reputable third parties to complement its own products.

**For Further information**, please contact us:

### AUSTRALIA

Mail: PO Box 2261, Ellenbrook, WA 6069

Tel: +61 (0) 4 5848 0789

Fax: +61 (0) 8 9296 3701

Email: [SOS@Satadd.com](mailto:SOS@Satadd.com)

Website: [WWW.Satadd-OS.com](http://WWW.Satadd-OS.com)



# **SATADD™**

## ***Oilfield Solutions***



**Head Office:**

### ***Satadd Oilfield Solutions***

P.O. Box 2261, Ellenbrook, WA 6069, Australia

Tel: +61 (0) 458 480 789, Fax: +61 (8) 9296 3701

Email: [SOS@Satadd.com](mailto:SOS@Satadd.com), Website: [www.Satadd-OS.com](http://www.Satadd-OS.com)