



Integrated Project Management Consultants Pvt Ltd



Profile

Services

and

Capabilities

FACTFILE

Name

AJAPA – Integrated Project Management Consultants Private Limited

(A JV Between Ajapa, IPS Australasia and Down Hole Solutions, Cyprus)

Established

February 2006

Mission

To be a leader in providing Petroleum Geo-Science, Well Engineering, Operations and Project Management Services of a high quality in safe manner and deliver the projects at minimum risk, optimised cost and maximised value within the limitations of the Clients

Slogan

Application of 3R principle - right people, right strategy and planning and right execution to meet the Clients objectives and goals successfully.

AJAPA

Ajapa is a Sanskrit word and is the opposite of Japa. Ajapa simply refers to an effortless form of meditation which awakens prana to increase the energy and purity of the mind such that the whole organism functions at a healthier and efficient level.



The three lines over an oil drop indicate water (**blue**), oil (**green**) and gas (**red**) which is covered by a cap rock on top and basement at bottom. Ajapa - the spontaneous, is in harmony with the hydrocarbon reservoir for a smooth, healthier and more efficient operations.

Introduction

We are now a complete integrated service provider covering the entire spectrum from Petroleum Geo-Science to Well Construction (Drilling, Testing and Completion) and Project Management Consultancy Company based in Chennai, India under a Joint Venture between Ajapa, IPS Australasia (IPS) and Down Hole Solutions (DHS), Cyprus.

A brief introduction about Ajapa

AJAPA was originally established in February 2006 by a small group of highly qualified oil and gas industry professionals in India who have worked for various major, medium and small oil and gas exploration and production companies, drilling contractors and service companies in senior technical and managerial roles in India and Overseas (especially Far East and Middle East). The Company was formed with a vision to provide Worldclass engineering and project management services to Clients in India and Worldwide.

In 2010 we added a complete Petroleum Geo-Science division to our already well established well construction services. Our Chief Consultant of Petroleum Geo-Science has extensive experience, knowledge and skill in the entire spectrum of petroleum geo-science from concept to completion.

Today Ajapa has more than 30 highly qualified personnel ranging from a Project Leader who has complete project management experience for a E and P Company, Operations Head to manage entire operations, Engineering Head to manage all engineering and planning, Drilling Superintendents, Senior Drilling Engineers, Senior Operations Engineers, Drilling Supervisors, Logistics Managers, Mud Engineers, Civil Engineers.

PORTFOLIO and GROWTH

2006	2007	2008	2009	2010
<p>Company Established</p> <p>Developed Client Base</p> <p>Two project management contracts</p> <p>1 in India</p> <p>1 in Nigeria</p>	<p>Company Expansion</p> <p>From 4 to 16 highly qualified personnel</p> <p>Six Projects (Three - are project management)</p> <p>Nigerian Project Management Expanded</p> <p>UAE</p>	<p>Company Expansion</p> <p>From 16 to 27 highly qualified personnel</p> <p>Nine Projects (Three - are project management)</p> <p>Nigerian Project Management Further Expanded</p> <p>UAE</p>	<p>Specialised Services Introduced</p> <p>Expanded project management capabilities</p> <p>Seven contracts (Two – are project management)</p> <p>Oman Nigeria</p>	<p>One Prestigious Project from OIL, India</p> <p>Further Expanded Capabilities</p> <p>Geo-Science portfolio created</p> <p>Four contracts</p> <p>(3 new projects delayed due to Client's fund position)</p>

2010	2010-2011	2011
<p>Established "TATTVA"</p> <p>A Technical Excellence Centre</p> <p>For</p> <p>(i) Training (ii) Technical Solutions (iii) Technical Publications</p> <p>OGE Zone Web</p>	<p>Expanded to specialised services company</p> <p>Via</p> <p>AssetCheck WellCheck RigCheck</p> <p>TLD NDS</p>	<p>3 Contracts in India</p> <p>2 Contracts in Africa</p> <p>1 Contract in UAE</p> <p>3 under active negotiations</p> <p>Introduction of AssetCheck WellCheck NSD</p>
Introduction of Petroleum Geo-Science in 2010		

Shale Gas

Ajapa sees a growing opportunity in shale gas and have commenced developing the required technical expertise. Ajapa is already discussing with few companies to take up a project on shale gas.

The Core Team

MD/Chief Consultant/Project Leader - 1

+25 years experience – Onshore/Offshore/Deep water
 Complete project management, Effective Asset Management, Concept to completion,
 Complex wells and Cost effective asset development
 International experience

Experience in tight oil/gas, shale gas, heavy oil etc

Vice President - Operations - 1

+25 years experience – Onshore/Offshore/Deep water
 Tool pusher, Rig Manager, Drilling Manager, Project Manager
 Jack-up, Drillship, Semisubmersible

All types of drilling environment, exploration, development, HPHT, Remote areas
International experience

Project Manager/Drilling Manager - 2

27 years experience – Onshore/Offshore/Deep water
All types of drilling environment, exploration, development, HPHT, Remote areas
Each has international experience

Drilling Superintendents - 4

+22 years experience – Onshore/Offshore
Exploration, development, HPHT, ERD, Multi-laterals, Complex wells
Each has international experience

Senior Drilling Engineers - 4

+20 years experience – Onshore/Offshore
Exploration, development, HPHT, ERD, Multi-laterals, Complex wells
Each has international experience

Drilling Supervisors - 4

+22 years experience – Onshore/Offshore
All kinds of drilling environment, onshore, jack-up, floaters
Each has international experience

Mud Engineers - 2

+20 years experience – Onshore/Offshore
All kinds of drilling environment, WBM, SOBM and other types of mud systems
Each has international experience

Civil Engineers - 2

+20 and +10 years experience – Onshore
India and Nigeria

The Call out or Hired Team

All the personnel listed in Ajapa are consultants in Ajapa and work on a project basis.

Ajapa has understanding with Two prominent manpower consulting agencies from where the from a small team to entire fleet of rig crew for both onshore and offshore are hired as needed.

Ajapa also advised Drilling Contractors “British Oil and Gas Exploration Limited” and “BlackPearl Limited” on management of rigs and supports in manning the rigs.

The Joint Venture

In order to enhance the capabilities and the capacity to provide wide range of services so that Clients are serviced with expanded technical support, experience and at any time 24 hrs a day, a Joint Venture between Ajapa, IPS (Australasia) and Down Hole Solutions (DHS) was formed in April 2006. With a vast experience and understanding of the Oil and Gas business, our Group is highly capable of delivering innovative, cost effective, high

quality, safe and world class engineering and operational practices to E and P Companies.

A brief introduction about IPS Australasia

IPS Australasia is an Independent Well Engineering Consultancy based in Perth, Western Australia, and have been providing Project Management Services to the onshore and offshore oil and gas industry in Australia and overseas since 1999. Prior to this, the principals worked internationally for major oil and gas exploration and production companies in senior technical and managerial roles. With successfully executed projects onshore in Australia, Albania, Bolivia, Cuba, Gabon, India, the Netherlands, New Zealand, Pakistan, Tanzania, and Tunisia, and offshore Australia, Indonesia, Malaysia, Mediterranean, Myanmar, and the UK, the Company has grown to become a sector innovator, cost-effectively introducing world-class well engineering practices to many parts of the world.

In Perth, IPS is a team of around 20 drilling and completions professionals. This allows them to keep the overheads in check, and enable to deliver a dynamic, flexible and responsive service to the clients. As an integrated drilling and completions engineering consultancy, IPS has a depth of expertise that is hard to match outside major operating companies.

The principal members of the management team each have close to 20 years experience in drilling and completion engineering, operations, and management, gained with the largest international operators worldwide. IPS combines this experience with those of the staff and long-term associate consultants who add a considerable wealth of onsite and office-based operations supervision.

Some of the clients of IPS Australasia are:

- ARC Energy
- Daewoo International
- Hardman Resources
- NorAsian Energy (Phillipnes)
- Woodside Energy
- Apico (Thailand)
- Nu Coastal (Thailand)
- Harlow Energy
- Caspian Oil and Gas
- Dawoo

In 2010, IPS was taken over by ADD Energy, Norway. The ADD-IPS combination expended the capabilities with a wide range of service products that includes asset integrity and complete well management.

Add-IPS Key Futures

Leading player on the Norwegian Continental Shelf (and globally in niche markets).

More than 225 professionals.

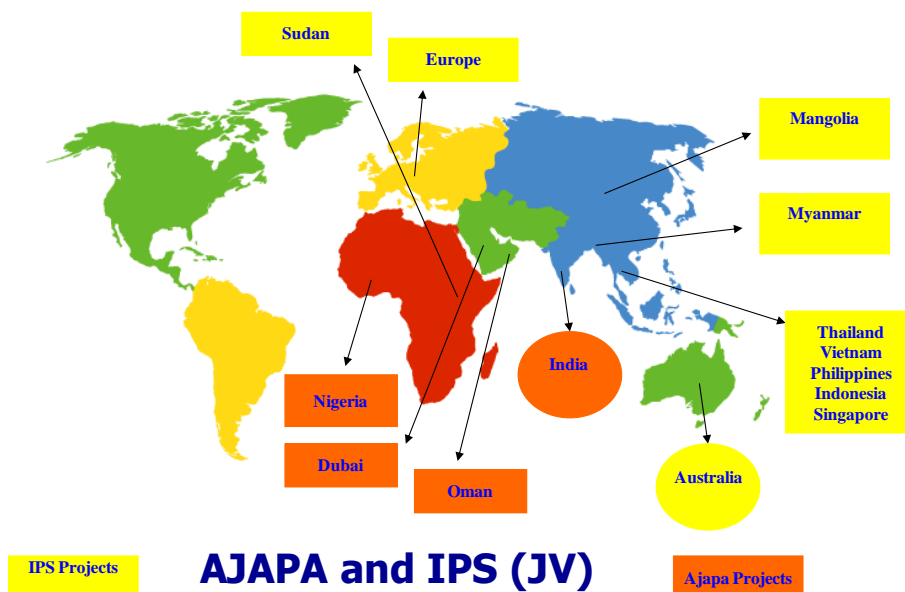
Areas of solid expertise includes;

- Well engineering and management
- Drilling engineering, flow analyses and well kill operations (incident support)
- Environmental control and management
- Asset integrity and maintenance management
- Process and Simulator operations
- Aiming for Oslo stock exchange listing (and >US\$ 175m turnover) by end 2012.

A brief introduction about DHS

Down Hole Solutions (DHS) is primarily a company formed to provide technical solutions to the upstream oil and gas industry to overcome specific issues pertaining to a particular field either for down hole equipment, tools, engineering or operations. Currently DHS is involved in developing some specialty tools to overcome certain down hole torque and drag problems experienced worldwide. A highly qualified and skilled technical team is being developed to form a "Technical Excellence Centre" within DHS whose primary aim is to develop innovative, cost effective and efficient solutions to down hole problems that cost lot of money to Operators worldwide.

Our Global Presence



Ajapa's Strengths

Ajapa has the technical and managerial capability to deliver complete asset management and well construction services. Ajapa and her principals have direct experience of effectively managing and monetising an asset from exploration to commercial production, planning and executing wells in every drilling environment and aims to earn a reputation for best in class performance and to establish itself as a leader in the provision of petroleum geo-science, engineering and operational services to Clients worldwide.

The success of Ajapa's processes and deliverables is based on an unrelenting commitment to thorough planning and focus on performance. Ajapa is also highly qualified in risk assessment and management of risks for difficult and complicated wells. Ajapa is committed to ensure that the processes are carried out with a complete understanding of the performance management and Client's goals and objectives.

Our group is specialised in petroleum geo-science, drilling, testing and completion operations. The experience span is wide ranging from onshore and offshore operations including deep water, remote location and fast track projects. We have an integrated knowledge and experience ranging from office based engineering, supervision, project management to field management of operations. We are capable of providing services to set up and implement HSE and operational policies and procedures.

We also specialise in working with small Operators where no drilling infra-structure is present to provide complete team of engineering, operations, safety and management personnel and deliver concept to completion with high quality results.

Ajapa with "Tattva TEC" – a company specialised in asset evaluation, due diligence, strategy and planning for asset development, training takes care of the special and specific activities like review of blocks, assets, due diligence etc.

Tattva Tec is managed by most of the principals of Ajapa. While Ajapa is the project management and operational centre, Tattva is the evaluation, review, strategy development and training centre.

Tattva's Brochure is attached with this Profile as Supplement.

Our Methodolgy and Philosophy

Our expertise lies in the understanding of Operator's expectations and objectives and deliver the projects with minimum risk at the lowest cost possible without compromising quality. We do not just work as a consulting company but we work as an

integrated team of the Clients so that the projects can be delivered in the most effective manner.

We understand that minimising the “Finding Costs” is expensive in exploration fields and optimising the “Development Costs” in development phase or fields is the essential motto and need for every E and P Operator and our application of fit for purpose technologies and latest and innovative drilling techniques to optimise the operations to explore, appraise, and develop hydrocarbon reserves will serve that purpose and deliver the wells effectively.

Our network of highly experienced personnel is inter-connected such that learning points from each project is effectively captured and used in other projects as appropriate to ensure technology transfer and synergy between the experienced minds.

We apply a rigorous technical, safety, and environmental process to each project, challenging the process at every step such that optimisation is implemented on a continuous basis but at the same time working closely to ensure compliance of all regulatory requirements.

Philosophy

- First of all Ajapa understands that every well and project shall be executed with minimum risk, lowest cost and maximum value. Ajapa will thrive alongwith Client’s team to achieve this objective irrespective of the level of operations.
- All operations shall comply with the Ajapa and Client HSE policies.
- Time and resources will not be wasted whilst attempting to ‘reinvent the wheel’. We will at all times attempt to profit from the experience of others. The involvement of all members of the operations group is essential in providing a solution to an out of the ordinary problem. The experience of other operators and service companies will be considered when setting up operations in any area previously unknown to our Clients.
- Appropriate international standards and good industrial practives will be enforced in all our operations without compromise.
- Our planning, engineering and design undergo a rigorous challenging process equal to any international major oil companies. The flow chart is attached in this profile for review.
- Data base managment, records, reports will be maintained diligently and to international standards and as per Operator’s requirements.
- We use appropoate and latest technology to find cost effective solutions.

We Deliver Value

It is our goal to be able to provide clients with cost-effective solutions to their projects, and can offer innovative pricing models, ranging from simple day rate, through lump sum, to project equity.

We have demonstrated that by smart application of optimisation techniques, significant cost savings can be achieved.

Services

We specialise in all types of drilling environment either in land, shallow water or deep waters, remote locations, HPHT wells, exploration, appraisal, development and workover activities in the following, but not limited to, areas:

As Ajapa

- Well engineering design, planning, programme
- Drilling operations management
- Tender and contract process
- Budget and AFE preparation
- Risk assessment and management
- Complete Project management
- Complete HSE – development, implementation and Monitoring
- Incident and accident investigation
- Well engineering peer reviews
- Rig inspection, audit and monitoring
- Rig due diligence and techno-commercial analysis
- Rig business – advise, set up, procedures, policies, economics, evaluation, inspection and assist on purchase of rigs
- Civil engineering design and construction for rig sites
- Drilling economics
- Due diligence on Operator's drilling and development project proposals
- Supply of high quality manpower for the upstream oil and gas industry
- Technical limit drilling techniques
- Cost optimisation

- Benchmarking exercises
- Technical presentations
- Training for drilling and non-drilling people
- Feasibility studies
- Operational procedures and safety case

As Tattva

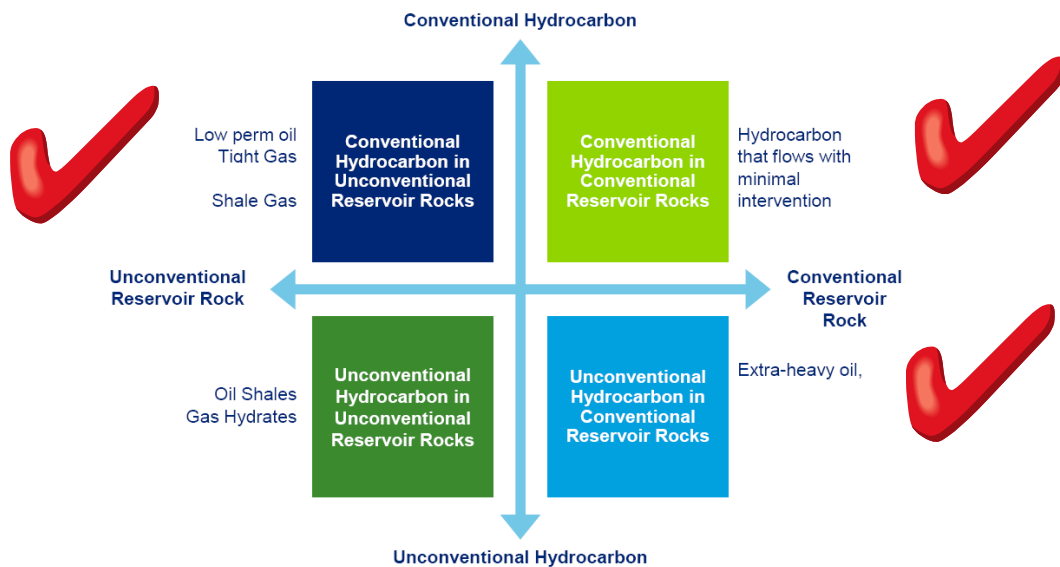
- Evaluation of a block or asset
- Due diligence
- Strategy development and planning
- Development of an asset at the most cost effective and fast track schedule

Petroleum Geo-Science

- ⇒ Geological and geophysical interpretation
- ⇒ Petrophysical analysis
- ⇒ Development of complete Field Development Plan
- ⇒ Simulation studies
- ⇒ Evaluation of blocks and assets
- ⇒ Development and ranking of prospect inventory
- ⇒ Risk analysis and matrix

Complete oil and gas field economics and asset development recommendations process.

Several of the above would be outsourced or done through a JV or under a MoU.



Our Specialised Services

WellCheck

In the past, well control was always thought (despite several warnings by experienced and qualified experts) that it starts when the kick occurs and ends when the kick is killed. However the recent incident on BP's Macondo blow out has changed the understanding. The operators, drilling contractors and the insurance companies are very cautious based on the understanding that the well control actually starts when the well is planned and designed.

In actual practice, drillers have realised that it is uncommon for kicks to occur even when it is least expected. Most of the blow outs happen when the unexpected kicks could not be controlled.

Most critically, the industry practice so far has been always to inspect and check the well control equipment especially the blow out preventers and associated equipment and demand a valid well control certificate for the senior crew of the rigs. However, well control management has a far more serious approach than the standard equipment checks.

A well control has several elements. It starts from subsurface dynamics during the geological analysis and interpretation to engineering aspects during well planning and excellence during execution. Hence a well control audit and system analysis requires a holistic approach incorporating all these aspects rather than focusing only on equipment and valid well control certificates.

The industry today lacks the overall engineering and auditing of a complete well control system with a holistic approach.

The idea of WellCheck is to provide those services worldwide for Operators, Drilling Contractors and Insurance Companies.

AssetCheck

Modern drilling industry is almost 60 years old. From early 1960s, gradually many modern drilling concepts were introduced with fresh and innovative ideas cropping up often. By early 1990s drilling industry had already entered in to complex drilling horizons like ERD, horizontals and multi-laterals and in harsh environments. The low oil prices that happens once in +/- 10 years and the scarcity of new discoveries, drove the industry to develop innovative and advanced techniques to minimise the drilling and in general exploration and development costs despite complex drilling environments. In 2010, the technology is very advanced and even highly complex wells are drilled commonly. One would think that with all these advancements, at least drilling simple vertical and deviated wells would be fail proof. Contrarily, what we see today is surprising. Despite all the advances, at least 30% of the wells drilled in the world encounters surprises resulting in a compromise to well objectives or high budget over-runs or failures. The primary reason for such failures is surprises during drilling and the root cause for such surprises is inadequate planning and preparation.

AssetCheck provides answers and a way to prevent surprises while drilling.

Concept of NSD

The TLD (Technical Limit Drilling) or the DLT (Drilling to the Limit and HVD (High Value Drilling) techniques that were introduced to the industry from early 1990s were successful in improving drilling times and reduce well costs significantly across the world when applied and executed properly. These techniques were more successful or were applicable in matured environments like development scenario or where large number of wells were drilled. More critically these techniques are followed by larger companies who spend the time, money and effort to develop the team to implement them properly. Hence for most of the small and medium level players, who drill wells in phased manner with few wells at a time, developing and sustaining a highly trained team were practically impossible. Hence these techniques did not address the problems for exploration wells or where only a few wells are drilled back to back. Secondly these techniques focused on drilling the wells faster and cheaper without compromising safety but did not address the issue of combining the subsurface knowledge in to well engineering to develop a product that will suit long term reservoir engineering objectives for production.

Surprisingly many E and P companies see the cost and time for drilling preparation that includes well planning and proper engineering to develop a good and executable drilling programme as an unnecessary expense, although this cost would be oddly 5% to 10% of the overall well costs. Another fundamental issue is that, even in 2010, drilling and planning engineers work in isolation from subsurface and reservoir engineering teams.

AssetCheck addresses all the fundamental issues and introduces all the critical elements at the planning stage to the subsurface team, drilling engineers and planning engineers. It develops a system to prevent surprises and at the same time techniques to manage effectively any surprise that may crop up while drilling.

AssetCheck provides powerful and practical problem-solving expertise for enhancing the value of assets by the application of sound technical, business and

strategic fundamentals to achieve practical and results orientated advice for further execution.

AssetCheck includes:

Asset Valuation

1. Asset and property technical evaluation, technical uncertainty estimation and fairness opinion for investment decision from time-to-time.
2. Asset Enhancement studies which includes understanding the real asset potential of the existing assets leading to EOR options, maximizing the value chain, optimizing costs and operational efficiency.

Exploration

1. Multidisciplinary, integrated approach to exploration from lead , prospect inventory to complete planning. Determination of operational approaches as well as assess acreage opportunities and assist in developing and maturing leads.
2. Frontier exploration and evaluation through to reservoir characterization of more mature fields, and it includes prospect high grading and risk analysis, evaluation, seismic interpretation, log analysis, data integration, computer mapping, sedimentology, volumetrics, deterministic/probabilistic modelling and risk analysis.

Field Development

1. Multidisciplinary and integrated cross-functional approach in evaluating and exploring the alternatives for the best development scenarios for the given field.
2. Capability of carrying out proper technical approach with thorough understanding of the key technical parameters for field development and estimating their discrete and collective impacts on project economics for the field development
3. All the capabilities to cover all surface and subsurface disciplines; reservoir modelling and simulation; enhanced oil recovery techniques; drilling and well completion in all respects.
4. Appropriate well location selection, well planning both vertical and horizontal wells from concept to completion in totality. Developing a mature field development options and then progress with the selected option to full FDP definition.

Reservoir Evaluation

1. Reservoir engineering advisory is to provide independent evaluation of oil and gas reserves and resources. Our reservoir Engineering Team has extensive experience in this field.
2. Well established reservoir evaluation services in virtually every oil and gas reservoirs, and in all types of geological environments.

Well Optimisation

Well Optimisation would use the concept of NSD explained earlier in the proposal. It will be one of the biggest advantages for E and P companies to minimise risks and reduce costs of the wells.

Conceptual Evaluation and Feasibility Studies

Ajapa can assist clients with option evaluations, whether these are related to the design and execution of a single onshore exploration well or the development of extensive offshore fields requiring several platforms and/or subsea wells. Ajapa will develop a range of scenarios covering different well designs, rig strategies and execution options, and link each case to accurate life of field cost estimates. Ajapa can work as a lead contractor or subcontractor in multidisciplinary teams carrying out such studies.

Development of Management Systems

Ajapa has extensive experience with the development of well engineering and operations management systems and can assist Operators with implementing such systems either as a part of more extensive well engineering and operations management services, or as standalone projects.

Well Design Planning and Execution

This is our core business. We provide our clients with complete management, engineering and operations teams that take full responsibility for the design and delivery of oil and gas wells. We can also provide resources to Operators that have some core well engineering capabilities in-house but need to supplement these during the detailed planning and operations phases.

Audits, Peer Reviews and Benchmarking

Ajapa can provide experienced drilling and completion personnel to assist in audits and benchmarking exercises. Such projects can be carried out internally within an oil company to benchmark its performance against its peers, or of an Operator on behalf of its joint venture partner to ensure that the Operator is carrying out its duties in a safe, effective and cost-efficient manner.

Unplanned Event Investigation

Ajapa can assist clients with the investigation of unplanned events including accidents to extract all relevant learning points from such incidents.

Budget and Forecast Support

Ajapa can assist clients with drilling-related commercial evaluations, be it assessment of future drilling costs related to acquisitions or farm-ins, valuations of drilling-related plant and machinery or assessment of future well intervention or abandonment costs.

Technical Limit Drilling

Ajapa alongwith Tattva is developing an expertise within the company to assist Operators to achieve a technical limit in drilling the wells and fast tracking the project. The simple definition of "Technical Limit Drilling" is to arrive at the lowest time possible to drill a well in the field through a defined technical approach and analysis using the data from previous wells and offset wells and help Operators to actually achieve this lowest time possible.

Some Important Features

Project Management

Ajapa has a complete team of highly qualified personnel to carry out complete project management from conception to completion for any drilling environment, either onshore or offshore.

Already Ajapa has completed 3 such projects and handling 2 major projects currently with a complete set of team. 2 new projects have just commenced in 2011.

Cambay Petroleum/B.G. Shirke Group

Ajapa is managing a complete project to drill 2 (+possibly another 5) appraisal and development wells for Cambay Petroleum/B.G. Shirke Group. The wells are complex, deep, high pressure and high temperature. The project commenced in November 2011.

Indian Oil Corporation Limited (IOCL)

Ajapa was awarded a complete project management contract to drill 3 exploration wells for IOCL in December 2011. The project will commence in the 1st week of January 2011.

Sterling Oil Resources LLC

Ajapa successfully bagged complete project management contract for 2 onshore blocks in Nigeria from Sterling group of Companies. Although started with a project management of a single block for drilling onshore wells in June 2006, today Sterling has provided Ajapa the responsibility of complete project management for drilling, testing and completing wells until commercial oil production for 2 onshore blocks. Already 3 exploration and appraisal wells have been drilled for one of the Sterling subsidiaries Sterling Global Oil Resources LLC. Ajapa was involved in preparing the field development plan and under this FDP, 3 horizontal development wells are to be drilled subsequently.

For Sterling Exploration and Energy Production Company Limited 7 exploration, appraisal and development wells were drilled commencing in 2009. The wells includes 4 horizontal wells.

Ajapa provided a complete team including a Project Leader, Drilling Superintendents, Senior Drilling Engineers, Senior Operations Engineers, Day and

Night Drilling Supervisors, Senior Testing and Completion Engineer, Mud Engineer and Drilling Engineers for this project.

Jubilant Energy

Ajapa carried out a project management contract for another esteemed client Jubilant for their onshore project in Mehsana, India. Ajapa provided the complete team consisting of Drilling Superintendent, Drilling Engineer and Drilling Supervisors on this project. 6 wells were drilled in this campaign.

Ajapa also carried out a project management for Jubilant's cauvery project. 3 wells of depth + 4,300 m (all HPHT wells) were drilled. Ajapa provided Drilling Superintendent services for this project.

Ajapa completed a well in Tripura for Jubilant with a team of Drilling Superintendent, Drilling Engineer and Drilling Supervisors.

Heramec

Ajapa managed a complete project management for drilling 4 wells for Heramec, India with a team consisting of a Drilling Superintendent, Drilling Engineer and Drilling Supervisors.

Oil India Limited

Ajapa is carrying out a highly prestigious contract for OIL. This is to diagnose a specific problem in 3 fields and find solutions for mitigating the problem so that field production can be increased. Ajapa is carrying out a detailed study of OIL's drilling and completion practices for 3 gas fields and would design, engineer and supervise to drill and complete a gas well with optimised and best practices.

Ajapa had completed the Phase 1(A) and Phase 1(B) of the 1st part of the contract that is to analyse, review, study and recommend solutions to alleviate Annular Pressure Build-up problem in 3 fields. The next step would be implement the recommended solutions to 3 existing wells that has annular pressure build up issue.

Currently Ajapa is working on the review of drilling and completion practices on 3 fields to develop and recommend best drilling and completion practices.

After completing the recommendation for best drilling and completion practices, the next step would be to design a new well and supervise the execution with the desired results as recommended.

Engineering and Operations Management

Ajapa has high quality drilling engineers who is capable of well engineering in all aspects and environments of drilling – onshore to shallow offshore and deepwater projects, in exploration/appraisal/development, highly deviated and ERD wells including multi-laterals. Most of Ajapa's principals worked in senior level engineering positions in many multi-nationals and understand engineering from Operator's perspective. Ajapa's

unique approach to well engineering on minimising risk, optimising cost and maximising value brings value to Operators.

Ajapa through IPS (JV) managed engineering and preparation work for PetroGas in an offshore project in India.

Ajapa managed the operations in the field for HOEC for drilling 2 wells in Gujarat, India with a team consisting of Day and Night Drilling Supervisors.

Ajapa managed the operations in the field for HOEC for drilling 2 wells in Assam, India with a team consisting of Day and Night Drilling Supervisors.

Ajapa has engineered and drilled two wells for Heramec limited in India and carrying out well engineering for 7 wells for their next campaign which is due to start in Q2, 2008.

Ajapa managed the operations in the field for ENI, India for drilling 1 exploration well in Rajasthan, India with a team consisting of Day and Night Drilling Supervisors. A 2nd well is expected to be drilled in the later part of 2009.

Ajapa for a short time was part of engineering support (partial) for Geo-Petrol, a French company for their operations in Arunachal Pradesh on call out basis.

Ajapa validated engineering plans for Sun-Terra for a drilling campaign in Rajasthan.

Ajapa's follows a very strict well engineering approval policy as attached below:

It is our aim to promote this logic and extremely useful management process for approval to all the clients we work with and we certainly follow this strictly in all our engineering and operations management consultancy works.

Our well design and drilling documents are one of highest standards in the industry today. Sample documents can be provided on request which contains the contents and a synopsis of the contents.

Due Diligence, Inspections, Audit and Optimisation

Ajapa is involved in due diligence, inspections, audits and optimisation techniques on both onshore and offshore projects.

Ajapa worked with Bank of India for due diligence on a project of drilling rigs.

Ajapa has worked with "Sattva" on due diligence and establishing drilling contractor business for BlackPearl in India.

Ajapa did complete due diligence of marginal fields offered by ONGC for potential investors in 2007-2008.

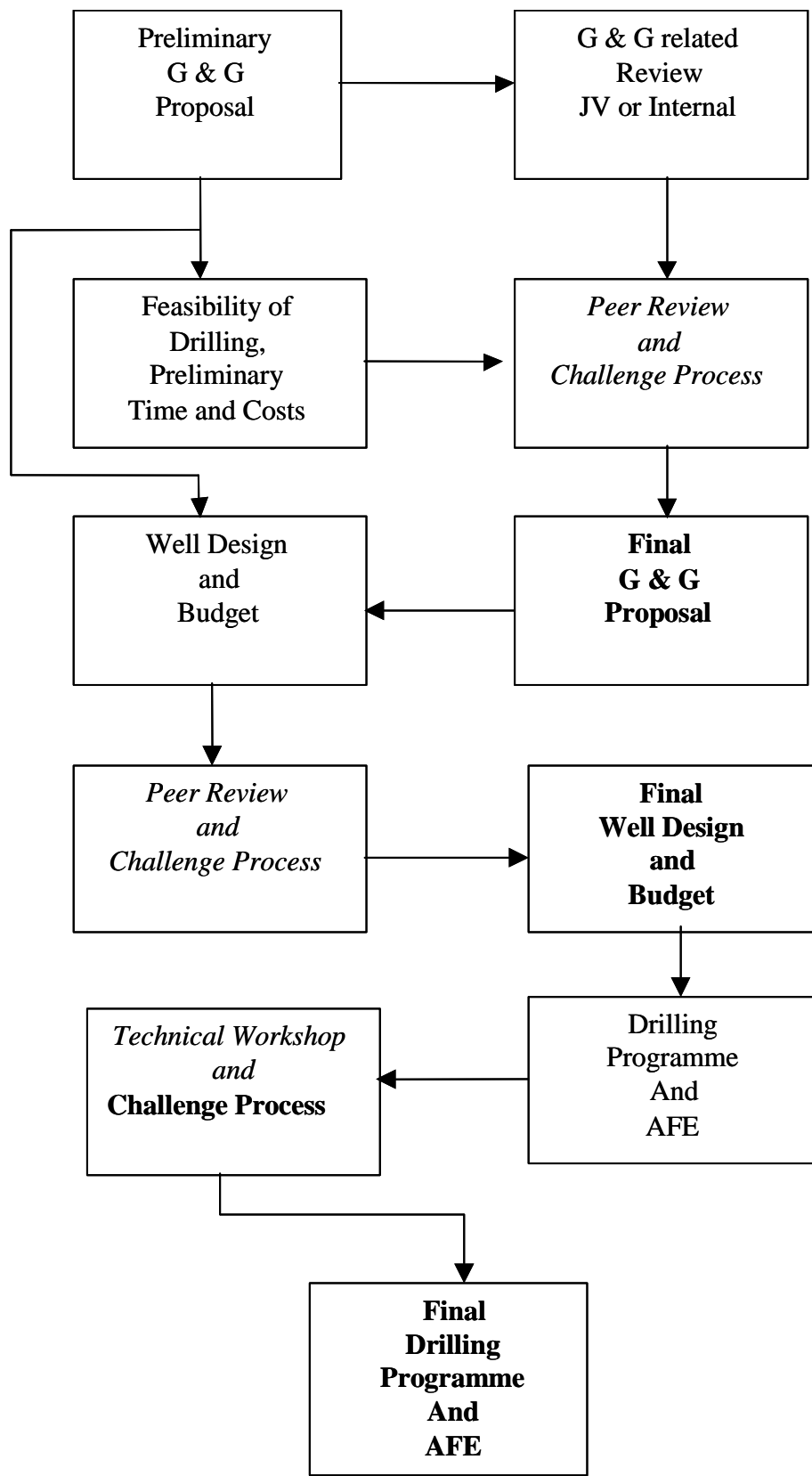
Ajapa has been awarded a prestigious Annular Pressure Build Up contract from Oil India Limited (OIL) to diagnose and remedy the annular pressure build up issues in 3 of their oil producing fields against tough international competition.

Recently concluded a complete audit and optimisation recommendations for Sun-Terra (an UK based Company) in India.

Ajapa's Chief Consultant was involved recently on a due diligence process for Sterling Global for evaluating 4 onshore blocks on offer in Nigeria.

Ajapa has completed inspections and recommendations for more than 10 rigs and rig operations for clients in India and overseas.

Ajapa's strength is risk assessment and risk management techniques is equivalent to any international standards.



Our Well Engineering Challenge Process (Equal to any International Standard)

Remote Engineering Consultancy

Ajapa has developed a unique concept of providing a highly cost effective and efficient engineering and managerial advice and consultancy. For few clients, Ajapa has already implemented this solution. Basically Ajapa's network of team will provide engineering consultancy from remote locations on a 24 hr x 7 days basis through e-mails or telephones on continuous or need basis. This saves Clients significant money to deploy a team in their office and serves their purpose especially during the pre-planning stage. A monthly fixed sum is charged for these services.

Geo-Petrol, a French company had used this service for their Indian operations on a retainer basis.

Naftogas Limited is utilising this cost effective strategy currently for engineering and preparation process for drilling 4 to 6 wells in Gujarat, India.

Rig Inspection and Due Diligence

Ajapa understood the requirement of inspection and evaluation of rigs and developed a cost effective inspection solution to various companies at international standards. Ajapa has already inspected 6 rigs for various clients and the gradullay Ajapa is planning to expand this service worldwide.

Projects with Tattva on Blocks or Assets Development and Evaluation

Ajapa combined with Tattva has been involved in various activities with respect to block development, asset evaluation, asset economics, due diligence etc.

Ajapa had evaluated an onshore block and developed the strategy for a cost effective asset development including exploration, appraisal and development to produce commercial oil in a fast track schedule in Nigeria for Sterling.

For another block for Sterling in Nigeria, Ajapa has participated in a critical role to develop and complete a Field Development Plan to produce commercial oil.

Ajapa has helped few other companies to evaluate and prepare bids for participating in NELP rounds in India as well as in other countries.

Countries of Operations and Expected Expansion

Ajapa is already working in India, Oman and Nigeria. Ajapa is working on expanding the areas of operations to Kurdistan, Myanmar, Iran and other African countries.

Integrated Services Concept

Most of Ajapa's personnel are highly experienced in both onshore and offshore operations including deep water environment. Hence Ajapa has developed an innovative concept for a complete Integrated Services.

Ajapa is developing an Integrated Services Concept to provide a complete project management that includes but not limited to the following:

- ⇒ *Subsurface interpretation, prognosis and operations geology*
- ⇒ *Well engineering and planning*
- ⇒ *Concepts and strategy development*
- ⇒ *Operations management*
- ⇒ *Drilling, testing and completion*
- ⇒ *Rig – both onshore and offshore*
- ⇒ *All drilling related services – both onshore and offshore*
- ⇒ *Logistics and civil works*

Ajapa has made strategic but non-exclusive MoUs with drilling contractors and service companies for each of the services so that a combined Integrated Services can be provided to Operators worldwide.

This unique approachh is being discussed with several Operators and is gaining interest and attention.

Clients and Scope

Client	Sterling Exploration and Energy Production Company Limited, Nigeria
Period	2007 – 2011
Location	Onshore Niger Delta, Nigeria
Scope	Complete project management, operational planning, engineering design, development of concept, management of operations from office with drilling superintendents, senior drilling engineers, senior operations engineers and drilling supervisors on the rig Drilled and completed 7 wells. 3 deviated wells and 4 horizontal wells

Client	Oil India Limited, India
Period	2010-2011
Location	Onshore, Duliajan, Assam, India
Scope	Ajapa is carrying out a highly prestigious contract for OIL. This is to diagnose a specific problem in 3 fields and find solutions for mitigating the problem so that field production can be increased. In addition, Ajapa is carrying out a detailed study of OIL's drilling and completion practices for 3 gas fields and would design, engineer and supervise to drill and complete a gas well with optimised and best practices.

Client	Prize Petroleum, India
Period	2010-2011
Location	Onshore, Madhya Pradesh, India
Scope	Pre-engineering and preparation work

Client	Gas Authority of India Limited, India
Period	2010-2011
Location	Onshore, Rajasthan, India
Scope	Pre-engineering and preparation work, Well Engineering, Drilling Programme and Testing plans Assist in execution as required

Client	Jubilant Energy, India
Period	2006-2008
Location	Onshore Mehsana, Gujarat, India
Scope	Complete operational planning, management of operations from office with drilling superintendent and drilling supervisors on the rig

Client	Jubilant Energy, India
Period	2007-2008
Location	Onshore Cauvery, Tamilnadu, India
Scope	Complete operational planning, management of operations from office with drilling superintendent <i>HPHT wells of + 4,300 m depth</i>

Client	Jubilant Energy, India
Period	2008
Location	Onshore Tripura, Tamilnadu, India
Scope	Complete operational planning, management of operations from office with drilling superintendent and drilling supervisors on the rig <i>High pressure wells</i>

Client	Sterling Global Oil Resources Limited, Nigeria
Period	2006 – 2009
Location	Onshore Niger Delta, Nigeria

Scope	Complete project management, operational planning, engineering design, development of concept, management of operations from office with drilling superintendents, senior drilling engineers, senior operations engineers and drilling supervisors on the rig Drilled and tested 3 wells <i>All deviated wells – exploration and appraisal</i>
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Client	Heramec, India
Period	2007 – 2009
Location	Onshore, Gujarat, India
Scope	Complete project management, operational planning, engineering design, development of concept, management of operations from office with drilling superintendents, senior drilling engineers, senior operations engineers and drilling supervisors on the rig

Client	HOEC, India
Period	2007 – 2009
Location	Onshore, Gujarat and Assam, India
Scope	Field supervision with drilling supervisors

Client	Nafogaz, India
Period	2008 – 2009
Location	Onshore, Gujarat and Assam, India
Scope	Pre-engineering and preparation work

Client	Selan Exploaration, India
Period	2008 – 2009
Location	Onshore, Gujarat, India
Scope	Pre-engineering and preparation work

Many of Ajapa personnel are working directly with E and P Companies on offshore operations who are available on a short notice to manage offshore operations. Many others at various levels of engineering, supervision, advisory and complete project management.

Financials

Ajapa was established in 2006 and by March 2009, has completed 4 balance sheets for the FY years 2006-2007, 2007-2008, 2008-2009 and 2009-2010.

The company performance was in an increasing trend with approximately more than 20% growth every year.

The turn over in 2008-2009 was close to US\$ 4.5 million.

Detailed financial statements would be provided on request.

Contact Details

Ajapa is set up such a way that a 24 hrs coverage is provided to all the Clients by a team of professionals and a hi-tech network spanning from India to Australia to Middle East to ensure that our service does not get restricted by time boundaries. A dedicated team of drilling engineers will represent initial contacts through e-mails to respond to any query within 24 hrs. In addition, the contact numbers of the MD and one of the Directors are also provided who will be available on phone or on e-mail for any queries, discussions or advise.

Our code is simple:

“Minimise Risk, Optimise Cost and Maximise Value”

For further information on Ajapa and queries, please contact us at :

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