

Well Services of Iran (Schlumberger Methods)



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WSI WL Team's Success Story

WSI WL Team's Success Story:

Petrophysics and Gradient pressure test logs of a POGC well in Yalda II, had a huge uncertainty for determining hydrocarbon presence in the reservoir.

Hence, it was then decided to run MDT sampling module as well as dual packer system to accurately determine the hydrocarbon presence as well as taking formation fluid sample.

Such technology and tools are exclusive to Well Services of Iran in the country.

Due to a massive mud filtrate into the formation, low formation permeability and also huge wash-outs in the well, using a single probe module was not able to fulfil the objectives.

Therefore, the technical team decided to perform the operation using Dual Packer module, which in fact is a mini DST and can scan a vertical area of 100 cm on each set in the well.

"Improving quality requires a culture change, not just a new diet"

Phil Crosby



This module, which is mainly used for fluid measurement, came to service again, after almost five years for the first time in the country.

During the operation, all the areas of concerns were evaluated with the tool and cleared the ambiguity of hydrocarbon presence.

The results, despite the previous thoughts (keeping in mind that Yalda field is adjacent to South Pars gas field), showed presence of oil in addition to gas reserves in the formation. Surface samplings also proved the fact and was a great news for POGC.

Eat That Frog- Brian Tracy

The best work habit you can ever get into is very simple: Do your worst task first thing in the morning. Every given day, you've got one major to-do that's highest priority. But when you've got the whole day stretching out ahead of you, it's easy to put it off until after you get your coffee, check our email, or go to that meeting. But just like breakfast is the most important meal of the day, the first thing you accomplish at work sets the tone for the rest of the day. Do your worst task first.

By "worst" I mean "most important," I mean the task you're most likely to procrastinate on. The deadline you're dreading, the slides for the presentation you're terrified of giving, the research you're sure will turn up information you don't want to know. Do it, before you do anything else, before you have time to think about it too much. Author Brian Tracy calls this "eating your frog," quoting Mark Twain. Twain famously said that if the first thing you do in the morning is eat a live frog, you can go through the rest of the day knowing the worst is behind you.

Your frog is your worst task, and you should do it first thing in the morning. First thing in the morning your mind is clear, the office is quiet, and you haven't gotten pulled into six different directions—yet. It's your one opportunity to prioritize the thing that matters to you most, before your phone starts ringing and email inbox starts dinging. By knocking out something important on your to-do list before anything else, you get both momentum and a sense of accomplishment before 10AM. Set yourself up to eat your frog tomorrow morning last thing

before you leave the office tonight. Choose your frog, and write it down on a piece of paper that you'll see when you arrive back at your desk in the morning. If you can, gather together the material you'll need to get it done and have that out, too. Getting things done is a habit, and if you start every day by accomplishing something important, you'll get more done than 90% of the people in the office.

If you know a good book, please introduce it:

newsletter@wsi-oilfield.com

WSI ISO 9001:2015 Quality Management System (QMS):

WSI ISO 9001:2015 QMS implementation project is diligently being accomplished to stay on schedule considering the current Covid-19 pandemic situation. Initial draft of all WSI departments (i.e., segments and functions) have been received and are in review process to ensure compliancy to ISO standards. All business process procedures shall be developed in a manner to be specific, measurable, achievable, and realistic. A successful implementation of QMS enables to coordinate and direct an organization's activities to meet customer and regulatory requirements, and improves its effectiveness and efficiency on a continuous basis. It is noteworthy that customers expect consistency in product and service delivery, any deviation from their expectations can lead to dissatisfaction, complaints and, eventually, loss of revenue which is not desirable by any business.



In addition, as required by ISO 9001:2015, PIA ISO internal audit has been performed as planned to identify potential non-conformities within departments.

“Corrective and Preventive Action Request” forms have been generated to address the identified non-conformities to get the key stakeholders involved to resolve the issues in a timely manner to improve the existing processes and practices.

What's going on in WSI!

2020 QHSE Awards!

Well Services of Iran (Schlumberger Methods)				
QHSE Award Quarterly award 2020				
Item	Description	Award period	Award	Value (IRR)
1	Best QUEST Contributor in Event reporting	Quarter	Gift CARD	10,000,000
2	Best QHSE Risk report	Quarter	Gift CARD	15,000,000
3	Best WSI Driver	Quarter	Gift CARD	10,000,000
4	Campaign Award	Per campaign	Gift CARD	15,000,000

Managing safety is never an easy task, and unless you have 100% committed management it is almost impossible to get good results. From here we want to congratulate all for their contribution to the WSI QUEST. This milestone has an enormous value.

The best contributors in event reporting for Tehran base are Mr. Keyvan Miladi, Ms. Zhila Kazemi, for Ahvaz base are Mr. Mojahed Hamid, Mr. Safa Khojamli and for Kish base is Mr. Ali Noshadi.

The best QUEST risk reporters for Ahvaz are Mr. Safa Khojamli, Mr. Sajad Sajedi, Mr. Mehdi Ghorbani and for Kish base are Mr. Ali Mousazadeh, Mr. Alireza Saleh Khoramabadi and, Ms. Nazanin Taghizadeh.

The Best WSI drivers for Tehran base are Mr. Amir Rosta, Mr. Alireza Jafarpor, for Ahvaz base are Mr. Saeed Mansouri, Mr. Ramin Rezaei and for Kish base are Mr. Abbas Taheri, Mr. Saeid Bahramian.

And the winners of WSI campaign awards are Mr. Mahmood Rahmanian for Tehran base, Mr. Naser Saeidi for Ahvaz base and, Mr. Izad Izad Kia for Kish base.

Happy Birthday!

We would like to extend our congratulations and birthday wishes to the following colleagues for having birthdays in November and December. May this year be so much better than the last for you in every walk of life.

- Adel Samak (K)
- Mohammad Alizadeh (K)
- Nehzat Roostaee (K)
- Safa Zergani (A)

- Seyed Jamal Armend (K)
- Raein Shakoula'ei (A)
- Nima Babazadeh Hoseini (K)
- Hasan Taheri (K)
- Zahra Mortezapour (A)
- Salman Moharrami (K)
- Mohammadamin Fakherinia (K)
- Ghassem Deilami (A)
- Mansour Fatehirad (K)
- Abdolrahman Mallahzadeh (K)
- Hasan Moharami (K)
- Amir Amini (T)
- Esmail Fattahi (K)

- Abdolreza Roozkhon (K)
- Mehran Abolfathi (T)
- Nadia Mahdiyeh (T)
- Ghazaleh Bahrami (K)
- Ali Taheri (K)
- Akbar Ahmadian Kolverdoust (K)
- Abdollah Ashabsayar (T)
- Sadegh Morovvat (K)
- Alireza Izanloo (T)
- Keynaz Kia (T)

Congratulations:

Dear **Mohammad Saman Tabak** (A), **Keyvan Miladi** (T) and, **Jafar Ghanbari Mohammadi** (T), May the love and happiness that you feel now never leave you and keep enlightening your life path through the years.

Dear **Amirabbas Jahangard** (A), Congratulations on your PhD graduation and best wishes for your next adventure!

H₂S:

Hydrogen sulfide is the chemical compound with the formula H₂S. It is a colorless chalcogen hydride gas with the characteristic foul odor of rotten eggs. It is poisonous, corrosive, and flammable. Also known as “sour” gas. Associated with oil and gas production in some areas. Also found in other industrial and natural processes.

H₂S Toxic Effects:

Factors affecting individual person response:

- Duration (The length of time the person is exposed to H₂S)
- Intensity (Concentration of H₂S the person is exposed to)
- Receptivity (Physical & mental conditions of the person) (Fatigue and Alcohol can increase effects)
- Frequency (How often/long the person is exposed to H₂S) (Previous exposure may increase sensitivity)

Protection:

Whenever H₂S may occur:

- Know the escape routes & alarms
- Wear safety equipment
- Check for wind direction
- Escape crosswind to Muster Point
- Remember H₂S is heavier than air.

“An organization's ability to learn, and translate that learning into action rapidly, is the ultimate competitive advantage”

Jack Welch

What Are H₂S Precautions:

- Known Risk of H₂S:
Detectors and Escape masks required.
- H₂S present in normal operations?
Breathing apparatus worn
- SABA (Supplied Air Breathing Apparatus) preferred

Recover from H₂S Release:

When returning to a site with H₂S you must:

- **Measure:**
Use an independent sniffer to confirm safety. Do not rely on a personal monitor.
- **Wear SCBA until sure safe**
- **Return to release area only after:**
 - I. Measurement completed and satisfactory
 - II. When all the alarms have stopped.



Potential Danger Areas:

- BOP, wellhead
- Shaker, trip tank, mud pit
- Choke manifold, joints
- Surge tank, gauge tank, separators
- Sample chamber of downhole tools
- Low lying areas (accumulation over time)
- When there is a risk of H₂S always assume it may be present where you are working

Smart Motion Technology

A new take on ergonomics- with kinematic processes:

Kinematics is a field of mechanics that examines movement from a purely geometric perspective based on the variables of time, location, speed, and acceleration. It is often referred to as "movement geometry." The term kinematics therefore describes how a body moves. Dynamics, on the other hand, focus on why.

An office chair designed to deliver excellent ergonomics is equipped with a mechanism geared towards kinematic considerations, i.e. movement. This was the exact focus when creating the range of ergonomic office chairs from Interstuhl that use Smart Motion technology to create a mechanism that supports the kinematic processes.

Movement can also take place while a person is seated and, in some cases, without them even noticing it.

This is precisely the key idea behind the pioneering office chair development from Interstuhl: Smart Motion technology. A dynamic seat tilt angle, integrated dynamic rocker mechanism, as well as a moving backrest bring completely intuitive motion into everyday seating. Its mechanism enables the chair to follow the movements of the seated person, thereby motivating them to change their seating position more often and encouraging an ergonomic posture.

Dear colleagues

WSI is eager to give employees a chance to offer their feedback and sentiment on the newsletter contents and organizational changes to promote culture of feedback. To enrich our newsletter, we will appreciate it if you send us your news as well as views:

newsletter@wsi-oilfield.com

Ticket Management Software

The Benefits of Ticket Management Software:

As the world of technology moves forward, more and more businesses are moving up to ticket management software to satisfy their customer support needs. However, some still believe that their current system works well enough.

In many cases, this system is simply an e-mail account that customers can communicate through. Although this does function, it is far from the best option. A good ticket management software can be very beneficial to both your company, and your customers. Here are a few benefits of ticket management software that you may not have thought of.

Organization:

One of the biggest benefits of using a ticket management software is the increased level of organization that comes from it. Although email accounts become very messy and difficult to maintain as the load increases, ticket management software is designed to handle this. It will keep each help request sorted by customer and ranked by time or importance. It can keep track of what has been taken care of and what still needs to be done.

Efficiency:

Because of the increased organization, ticket management software allows company to respond to requests with much less effort than other systems. Increased efficiency means that fewer hours are required to take care of all of customers' requests. Most importantly, efficiency means fewer mistakes. Customers will be especially grateful for this.

Speed:

While customers may be willing to wait a few minutes, or even a couple of hours, they certainly, don't want to wait for days or longer. This allows you to respond to requests much more quickly, even with less support staff.

Professionalism:

The importance of professionalism is often greatly underestimated in the world of business. In many ways, an email support system, and many other outdated support systems, give off a strong feeling of unprofessionalism. On the other hand, a ticket management system is seen as new and forward thinking.

Automated Updates To Customers:

Customers want to know what is going on as much as possible. A ticket management software can update users automatically when necessary.

Records:

When you use a ticket management software, you'll be able to keep track of all communications you've had with a customer, whether or not they're related to the current issue.

Statistics and Analytics Possibilities:

To keeping records of actual communications, you can also ask customers questions at the end of each support session, which allows you to collect data and perform analysis on almost anything, from how happy your customers are with your support system to how they feel about a product, or even your business in general.

Prioritization:

Emergency requests for help with a product or service that is needed immediately may warrant a response before a friendly suggestion for improvement, no matter which was received first.

Here at WSI, we are using a ticket management software that is integrated with an automatic email notification system to bring those benefits to our IT supports and services.

All users were asked to issue a ticket for each of their IT problems. So, the IT team could manage and prioritize incoming requests and address them in a timely manner.

RPA

(Robotic Process Automation)

Generally, any desk job in any industry involves tasks that are repetitive in nature and can be automated.

RPA or Robotic Process Automation allows you to automate such routine and repetitive tasks.

You don't need to write any code to automate repetitive tasks.

In 2020, the trend of bots and machine learning is only going to skyrocket, which means RPA will become an invaluable skill to have.

Robotic Process Automation is the technology that allows anyone today to configure computer software, or a "robot" to emulate and integrate the actions of a human interacting within digital systems to execute a business process. RPA robots utilize the user interface to capture data and manipulate applications just like humans do. They interpret, trigger responses and communicate with other systems in order to perform on a vast variety of repetitive tasks. Only substantially better: an RPA software robot never sleeps and makes zero mistakes.

In contrast to other, traditional IT solutions, RPA allows organizations to automate at a fraction of the cost and time previously encountered. RPA is also non-intrusive in nature and leverages the existing infrastructure without causing disruption to underlying systems, which would be difficult and costly to replace. With RPA, cost efficiency and compliance are no longer an operating cost but a byproduct of the automation.

New Colleagues Welcome!

- Dariush Sepahvand (T)
- Armen Maisian (K)
- Seyed Jamal Armend (K)
- Pouria Ghanbarzad Abkenar (K)
- Saeed Mahisetan (K)
- Hadi Ashouri Moaf (K)
- Gholamreza Davari (K)
- Mousa Delshadi Gabarani (K)
- Rasool Dadkha Hosseini (K)
- Abdolrahman Moshatatpour (K)
- Mohammad Alamshah (A)