

Abbas Mousaei Ghasroldasht

Senior Drilling Engineer

Summary statement

Senior drilling Engineer with over 13 years of experience working in different job positions ranging from drilling supervisor to well planner for Iranian major oil & gas companies. Focused on planning well intervention process and workover operation. Made great contribution to lead and optimized advancement of drilling and work over operation when encountering unscheduled challenges in harsh (HPHT, H₂S) environments by virtue of analytical ability and problem-solving skills.

Achievements

- ◆ Received excellent performance appraisal (A) for five consecutive years.
- ◆ Proposed viable plans to tackle the issue of casing collapse opposite the creeping salts.
- ◆ Offered technical advice on remedial cement job to correct the issue of locally poor cemented casings.
- ◆ Conducted study of feasibility of utilizing new technologies such as snubbing unit, Swell packers, Dual completion, Multi staged ESS, etc for well interventions.

Work Experience

Senior Drilling/work over Engineer (Well Planner)



National Iranian South Oil Company (NISOC)

Jan 2022 – Present (+1 year)

- ◆ Studied the feasibility of safe and efficient rig less well intervention based on work over objectives with the intent of cost reduction.
- ◆ Made an active contribution to the process of *Rig Selection*
- ◆ Planned and delivered detailed drilling engineering programs in coordination with geologists and production engineer for oil and gas producing, Water disposal and gas injection wells that adhered to comply with all policies, procedures and regulations.
- ◆ Prepared and delivered well program for harsh, unconventional situations such as drilling and repairing HPHT wells (*with up to 15 kpsi well head pressure*), drilling directional slim holes through abnormally pressured salts beds with heavy mud as high as 21 ppg, cap drilling deviated sections through gas cap and ensured the accuracy of directional plan, casing design and torque and drag analysis using drilling software such as Landmark (Compass, well plan, stress check).
- ◆ Kept the Drilling Engineering Manager informed of progress and incidents. Consulted on higher risk/complex problems and projects.
- ◆ Liaised with Drilling Superintendents on program preparation, execution, and performance analysis, trouble-shooting and forward planning.

Birthdate:

1983/04/23

Address:

Ahvaz, Iran

Phone:

(+98) 916 601 0820

Email address:

abbasmousaei@yahoo.com

- ◆ Prepared the drilling cost estimates for the project and worked in accordance to the same.
- ◆ Provided well program to restore well productivity in collaboration with production company under various methods including well stimulation, deployment of sand screens, ESP, SRP and etc.
- ◆ Followed up the operation by attending daily drilling meetings with presence of operation heads and other crews involved aimed at becoming updated on ongoing operation on well sites as well as offering technical advice.

Drilling Engineer



National Iranian South Oil Company (NISOC)

Oct 2014 - Jan 2022 (+8 years)

- ◆ Created well plans, cost estimates and risk analysis for drilling operations.
- ◆ Compiled offset well descriptions and prepared Well designs to ensure drilling programs running to the optimum engineering, time and cost solutions.
- ◆ Prepared end of Well reports, identified improvement points and lessons learned.
- ◆ Monitored the daily progress of drilling and well site operations and generating relevant reports.

Senior Drilling Supervisor



National Iranian South Oil Company (NISOC)

Apr 2011 - Oct 2014 (+3 years)

- ◆ Successfully supervised work-over operation in oil and gas wells in southwest of Iran.
- ◆ Reported to the Drilling Superintendent and Represents the company at the well site, in dealing with and overseeing the daily operations of the drilling contractor engaged in drilling and completion of a well.
- ◆ Deployed Liner from 7" to 3.5" with wide range of drilling fluid from 7 ppg Oil emulsion to 21 ppg salt saturated mud.
- ◆ Successfully executed running and resting different types of completion string including: Kick off and Urban completion strings as well as Electrical Submersible and Socker Rod Pumps.
- ◆ Successfully handled operations such as: Well Killing, well integrity tests, fishing, open hole and cased hole side-tracking, liner tie back, gas and water exclusion and also adopted remedial measures when dealing with casing collapse.

Drilling Supervisor



National Iranian South Oil Company (NISOC)

Jan 2010 - Apr 2011 (+1 year)

- ♦ Took technical drilling courses as below:

Introduction of Drilling technology, drilling tools, Casing design, Well completion, Drilling fluid, Drilling fluid solid control, Well control, Vertical Drilling, Directional Drilling, Fishing.

- ♦ Successfully supervised Drilling and Work over operation in oil and gas wells in southwest and west of Iran.
 - ♦ Run and cemented casing and Liner from 20" to 7" and wide range of drilling fluid from 7ppg Oil emulsion to 21 ppg Salt saturated water based mud.
 - ♦ Reported directly to the Senior Well Site Supervisor.
 - ♦ Keep an inventory of rental material on the rig and send a daily update to the Ops Engineer.
 - ♦ Prepared data and filled up related forms (such as BHA, Casing tally, Cement, etc.
-

Education

Azad university – Omidieh branch

Master's degree, Petroleum Engineering

Sep 2014 - Feb 2017

Azad university – Omidieh branch

Bachelor's degree, Chemical Engineering

Sep 2002 - Jan 2007