Stefano Nava

Date of Birth: 29/09/1971

Nationality: Italian

Home Address: via Giuseppe Ferrari, 6-20900 Monza (MB), Italy

Mobile phone: +39 3473164890 **E-mail:** stefanonava71@gmail.com

Profile snapshot

A highly skilled Well Site Geologist 20 years of extensive experience in onshore/offshore oil and gas wells, geothermal wells and drilling operations. Executed several conventional and unconventional onshore/offshore projects consisting of exploration, development wells and work over operations. Experienced in working for several major and minor companies on various oil fields, exploration, appraisal and development wells in offshore/onshore environments. Motivated and diligent team player utilizing excellent interpersonal skills with strong analytical mind-set to learn quickly, to analyse the situation, identifies requirements and provides solutions. Well site geology, mud logging supervision, M/LWD/wire line logging crew supervision, supervise and assure quality of wireline, LWD and mud logging operations and train more junior staff, conduct geological analyses at the well site including picking the formation tops, casing points and core points, based on the cuttings analysis, Logging While Drilling (LWD), drilling operations following up, cuttings and coring analysis, evaluation, QA/QC and supervision, mud logs correlation, interpretation and quality control, writing well daily/weekly/final reports, geological program preparation in the office, hydrocarbon/formation evaluation, background and understanding of pore pressure detection and basic analysis (pressure prediction with drilling real time data as D exponent and LWD) and instability borehole problems, gas ratio analysis, geosteering horizontal wells, well control, clastic, carbonate and mixed reservoirs experience, salt diapirs and basement reservoirs experience, conventional and unconventional reservoirs (oil/gas shale, tight reservoirs, coal bed methane, tar and heavy oil reservoirs), deep waters offshore reservoirs, H_2S and HP/HT reservoirs, deepwater's operations, well testing operations, overpressure formations and reservoirs, directional drilling, vertical/deviated and horizontal wells, wireline coring, supervision of micropaleontology/biostratigraphic correlation, generate and provide quality assurance on all subsurface data and reports sent from the well-site to the office, including daily geology reports, drill cuttings, core descriptions and caving analyses, generate and distribute daily drilling and composite logs, and other products as required by the Operations Geologist. If need I am available to relocate internationally to work country.

Career history

From January to March 2020: Exlog, France Job Title: Wellsite Geologist

Duties/Responsibilities: as Wellsite Geologist my responsibility was supervising the day to day geological operations on the rig including but not limited to: reporting to Operations Geologist, assisting exploration team in formation evaluation, supervise mud logging, wire line logging crews and units and quality check of mud

logging reports and wireline logs, pick up formation tops and casing points using cuttings, ROP and LWD/wireline logs to make well log correlations with Gravitas software, describe and evaluate cuttings, and oil/ gas shows (if any), make lithological and stratigraphical interpretation, well operations and wire line logging supervision and witness for geothermal wells.
During this time I worked on the following rigs:

- *SMP-101 Onshore rig-PGE-2 (Injection geothermal well): 1500 m with water mud. Drilled injection well to make in production previous well PGE-1 (production well).*

From January 2012 to December 2019: Saudi Aramco Dhahran, Saudi Arabia Job Title: Wellsite Geologist

Duties/Responsibilities: as Wellsite Geologist my responsibility was supervising the day to day geological operations on the rig including but not limited to: reporting to Team Leader/Operations Geologist, compile daily/weekly and final geological reports written and oral (when needed) for exploration teams in town, assisting exploration team in formation evaluation, supervise mud logging, wire line logging crews and units and quality check of mud logging reports and wireline logs, pick up formation tops, casing and coring points using cuttings, ROP and LWD/wireline logs to make well log correlations with Gravitas software, describe and evaluate cuttings, core samples and oil/gas shows (if any), make lithological and stratigraphical interpretation, well operations and wire line logging supervision and witness, handle conventional and unconventional coring, work stand alone also without mud logging unit and gas detection equipment, support Saudi Aramco exploration department for conventional and unconventional onshore/offshore wells, perform geosteering in horizontal wells, geological assistance for water wells when required, training junior wellsite geologist when required. Maintaining in order digital and hard copy of all well files (including well proposals, geological operations data, service company reviews and post drill reports). Performed wellsite supervision of HP/HT wells, made calculations realtime of pore pressure trends using drilling data (ROP, differential pressure, lithology change, WOB, RPM, torque, well hydraulics, pit level and differential flow, D exponent, normalised drilling rate) and LWD data (ROP, resistivity, gamma ray, sonic, mud temperature). Geosteered horizontal and deviated wells with LWD data (ROP, resistivity and gamma ray).
During this time I worked on the following rigs (all in Saudi Arabia):

- *NBR 312-Onshore rig-Ifal 1_0 & 1_1 (Wildcat well)-9000 ft-Water/oil mud-Encountered a very thick salt sequence that causes troubles during drilling and it needs to sidetrack the well*
- *RSY 55-Offshore rig (shallow waters)-Jana 7_1 (Delineation well)-5000 ft-Water/oil mud-Encountered several losses during drilling and it needs to sidetrack the well*
- *PA 306-Onshore rig-Hazem 2_0 (Wildcat well)-5000 ft-Water mud-No problems during drilling, found gas/condensate reservoir*
- *Dalma 2-Onshore rig-ST 54 B_0 & 1(Delineation well)-5000 ft-Water mud-Several losses during drilling with attempts to cure without success so it needs to sidetrack the well*
- *Dalma 7-Onshore rig-Zalma 2 (Exploration well)-5000 ft-Water mud-No problems during drilling. Used LWD (Gamma Ray, Resistivity and Sonic logs) to pick up formation tops*
- *NA 18-Onshore rig-ABQQ 480_1 (Delineation well)-6000 ft-Water mud- No problems during drilling, found oil reservoir*

- *NBR 263-Onshore rig-ST 68 (Exploration well)-7000 ft-Water mud-No problems during drilling, take 10 cores (90 ft) in potential reservoir*
- *MKN 15-Onshore rig-STWW 6331 (Water well)-4000 ft-Water mud-Found water at 5000 ft depth, no problems during drilling.*
- *Dalma 2-Onshore rig-JLMD 4A_1 (Exploration well)-5000 ft-Water mud-Found shale oil*
- *Dalma 14-Onshore rig-ST-66 (Exploration well)-5000 ft-Water mud-Found shale oil, use LWD (Gamma ray, resistivity and Sonic logs) to pick up formation tops*
- *NBR 312-Onshore rig-MDYN-15 (Exploration well)-6000 ft-Water mud-Severe losses encountered in salt sequences with faults and fracture, HP/HT well*
- *RSY-55- Offshore rig (shallow waters)-JRYD 6_0 & 6_1 (Exploration well)-6000 ft-Oil mud- Severe losses encountered during drilling so it needs to sidetrack well, take 6 cores (90 ft) in reservoir section*
- *ADC 15-Onshore rig-MZLJ_40 (Exploration well)-6000 ft-Water mud- No problems during drilling, used geosteering for horizontal well*
- *NBR 657-Offshore rig (shallow waters)-JANA-10 (Exploration well)-7000 ft-Oil mud-No problems during drilling*
- *ADC 21-Onshore rig-HRM-105_1 (Exploration well)-6000 ft- Water mud-No problems during drilling, take 6 unconventional cores (90 ft) in reservoir section*
- *SSA 9571-Onshore rig-HRDH-2002_0 (Exploration well)-6000 ft-Water mud-No problems during drilling, take 6 cores (90 ft) in reservoir section. Used biostratigraphy unit to pick up formation tops. Found tight gas reservoir.*
- *Sino 10-Onshore rig-KHRZ-1_0 (Wildcat well)-6000 ft-Water mud-Losses during drilling, found shale gas and H_2S in reservoir section (50 ppm).HP/HT well*
- *PA 622-Offshore rig (shallow waters)-BRRI-905_0 (Delineation well)-6000 ft-Water mud-Take 6 cores (90 ft) in reservoir section.*
- *SSA 9571-Onshore rig-MHWZ-3_0 (Exploration well)-6000 ft- Water mud-Take 6 cores (90 ft) in reservoir section, used geosteering to pick up top of formations in horizontal well*
- *PA 604-Onshore rig-HRDH 2006_0 (Delineation well)-6000 ft-Water mud-Take 6 cores (90 ft) in reservoir section and found tight gas reservoir*
- *RM 74-Offshore rig (shallow waters)-HSBH-48_0 (Development well)-5000 ft- Oil mud-Take 6 cores (90 ft) in reservoir section*
- *RHB-57-Offshore rig (shallow waters)-KARN-56_0 (Development well)-6000 ft-Oil mud-Take 6 cores (90 ft) in reservoir section*
- *PA 326-Offshore rig (shallow waters)-NJYN-45_0 (Development well)-5000 ft-Oil mud-Take 4 cores (90 ft) in reservoir section*
- *WCL-83-Offshore rig (shallow waters)-ZULF-907_0 (Development well)-5000 ft-Oil mud-Take 4 cores (90 ft) in reservoir section*
- *NBR 263-Onshore rig-SMNH-4_0 (Exploration well)-5000 ft-Water mud-Losses during drilling*
- *NBR 141-Onshore rig-RBDA-2_0 (Exploration well)-6000 ft-Water mud-Horizontal well used geosteering to pick up formation tops. Encountered H_2S in reservoir section (60 ppm), small kick during reservoir drilling, HP/HT well*

- *SSA 5892-Onshore rig-SDGM 1201_0 (Development well)-5000 ft-Water mud- No problems during drilling*
- *NA 54-Onshore rig-ST-160_0 (Exploration well)-6000 ft-Water mud- Found shale oil*

From January 2011 To December 2011 Company: Geoservices, Macaé Brazil Job Title: Data Engineer/Unit Manager

Duties/Responsibilities: as Data Engineer/Unit Manager my responsibility was supervising the day to day drilling/geological operations on the rig including but not limited to: reporting to Company Man/Well Site Geologist, perform geological surveillance of well during drilling/tripping/completion and production operations, cuttings and core analysis and interpretation, formation evaluation, oil gas shows analysis and interpretation, 24 hours real time drilling parameters monitoring, pressure prediction and forecast, monitoring RFT and DST.
During this time I worked on the following rigs (all in Brazil):

- *NS 30-Offshore rig (deep waters)-No name (Development well)-9000 ft-Oil mud- Found oil*
- *NS 31-Offshore rig (deep waters)-1-SES-160 (Wildcat well)-8000 ft-Oil & water mud-Severe losses during drilling*
- *SS-52-Offshore rig (deep waters)-1-APS-56 (Wildcat well)-10000 ft-Oil mud-Severe losses during drilling*
- *SS 53-Offshore rig (deep waters drill ship)-1-ESS-202A (Exploration well)-9000 ft- Oil mud-Severe losses during drilling*
- *SS 71-Offshore rig (deep waters)-1RJS672 (Exploration well)-8000 ft-Oil mud-Small kick during reservoir drilling, H_2S presence in reservoir section (60 ppm)*

From September 2009 To December 2010 Company: Geplan Consulting Ferrara, Italy Job Title: Consultant Geologist

Duties/Responsibilities: as Consultant Geologist my responsibility was reporting to senior geologist including but not limited to: provide for international oil/gas companies consultancies about basin analysis, seismic interpretation, reservoir modelling, thin section and cores description and more other things in carbonate reservoirs in Italy and worldwide.
During this time I successfully made up subsidence trend study for Kashgan field in Kazakhstan utilizing well logs data and competently made up Sicily Channel study to highlight new plays and ventures possibilities for future oil and gas area exploration.

From September 2006 To July 2009 Company: Weatherford Aberdeen, Scotland Job Title: Data Engineer/Unit Manager/Pore Pressure Engineer

Duties/Responsibilities: as Data Engineer/Unit Manager/Pore Pressure Engineer my responsibility was supervising the day to day drilling/geological operations on the rig including but not limited to: reporting to Company Man/Well Site Geologist, perform as Unit Manager/Data Engineer/Pore Pressure Engineer geological surveillance of well during drilling/ tripping/ completion and production operations, cuttings and core analysis and interpretation, formation evaluation, oil gas shows analysis and interpretation, 24 hours real time drilling parameters monitoring, pressure prediction and forecast, monitoring RFT and DST. Performed supervision of HP/HT wells, made calculations realtime of pore pressure trends using drilling data (ROP,

differential pressure, lithology change, WOB, RPM, torque, well hydraulics, pit level and differential flow, D exponent, normalised drilling rate) and LWD data (ROP, resistivity, gamma ray, sonic, mud temperature).
During this time I worked on the following rigs:

- *Tamar-1 well in Israel (Wildcat well) in deep waters offshore rig with oil mud at 16100 ft, during drilling severe losses was cured and found gas producible in reservoir section. I worked as Pore Pressure Engineer in this well*
- *In South Africa I worked as Data Engineer in offshore rig (shallow water) with water mud at 8000 ft in production well (Mossgas field) to monitor well tests*
- *n Libya I worked as Unit Manager in onshore rig (NC 193 field) with water mud at 7000 ft in production well to monitor well tests*
- *In Chad I worked as Unit Manager in onshore rig (Doba field) with oil mud at 5000 ft in exploration/wildcat wells where it was found producible oil. Taken also sidewall cores*
- *In Denmark and UK I worked as Data Engineer in offshore rig (shallow waters) with oil and water mud at 6000 ft in exploration wells where it was found producible gas, HP/HT wells*
- *In Tunisia in offshore (Exploration well in Miskar field) and onshore well (Wildcat well in Nawara field) as Data Engineer with oil and water mud at 6000 and 5000 ft. In wildcat well onshore it was found gas-condensate reservoir*

From January 2000 To July 2006 Company: Geolog International San Giuliano Milanese, Italy
Job Title: Mud Logger/Data Engineer

Duties/Responsibilities: as Mud Logger/Data Engineer my responsibility was supervising the day to day drilling/geological operations on the rig including but not limited to: reporting to Company Man/Well Site Geologist, perform geological surveillance of drilling/tripping/completion and production operations, formation evaluation, gas/oil shows analysis and interpretation, 24 hours real time drilling parameters monitoring and as Jr/ Sr. Mud Logger, cutting/core samples analysis and troubleshooting and maintenance of rig sensors.
During this time I worked on the following rigs:

- *In Italy in onshore rig (Exploration well) as Mud Logger with water mud at 6000 m. It wasn't found any reservoir*
- *In Libya in onshore rig (Exploration well in Bu-Attifeld field) as Mud Logger with oil mud at 5000 ft, severe losses, it needs to sidetrack well*
- *In Libya in onshore and offshore rigs (shallow waters) in Al Jurf (Development wells) and Mabruk fields (Development wells) with oil and water mud at 5000-6000 ft. Taken kick with gas and H_2S in offshore rig after severe losses in reservoir section. Found oil reservoir in Mabruk field, used geosteering to pick up formation tops and gas while drilling*
- *In Congo-Brazzaville in offshore rig (shallow waters) in Nenè Marine field (Development well) with water mud at 6000 ft*
- *In Italy in onshore rig (Exploration well) with water mud at 5000 m. It wasn't found a reservoir*

Professional training & IT skills

- Gravitas software Saudi Aramco in-house course, Dhahran 2012

- Wellsite geology Saudi Aramco in-house training, Dhahran 2012
- Advanced mud logging Geoservice course, Paris 2011
- Pore Pressure Engineering Weatherford in-house course, Aberdeen 2008
- Mudlogging Weatherford in-house course, Aberdeen 2006
- Well control basic level, Piacenza 2005
- Mudlogging & advanced mudlogging Geolog in-house course, San Giuliano Milanese 2003
- Proficiency in Winlog Gravitas, Navipro, Petrel, Geologix, Wellcad and Geolog software.
- Proficiency in MS Office (Excel, Word, Power Point, Access and Outlook), Windows Toolkit, Adobe.

Safety training

- H_2S Aware
- HUET/BOSIET
- UKOG Medical certificate

Academic qualifications

- Geology Master Degree, 1994/1999

  Milano University, Italy

Languages

- English and French fluent
- Spanish, Portuguese good work knowledge

I authorize the processing of my personal data pursuant to art. 13 D. Lgs. June 30, 2003 No. 196 - "Code regarding the protection of personal data" and art. 13 GDPR 679/16 - "European regulation on the protection of personal data".