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| DIRK J. DRIEDGER, P.Eng.  | **CANADIAN**Resident in Portugaldirk@djdriedger.combirthdate: 15 July 1960  |

DRILLING MANAGER / DRILLING SUPERINTENDENT

*33 years industry experience (14 years international, 19 years Canada)*

Exceptional Drilling Manager / Drilling Superintendent with proven HSE and operational performance in HPHT, overpressured, underpressured, unstable, and deviated wells, including drilling, testing, completion and workover phases, in both exploration and development programs. Keen to work in fast paced, remote, technically challenging and diverse work environments.

##### PROFESSIONAL WORK SKILLS

* Results driven, energetic, collaborative, accountable and responsible; strategic and decisive thinker who can identify problems and create effective solutions which consider engineering, safety, risk, security, cost and cultural constraints.
* Proven record in delivering time, cost effective and safe operations to meet company business objectives.
* Strong technical leader and coach; planned and facilitated many DWOP’s, end of well reviews, pre-spud meetings, operations failure reviews, personnel performance reviews, and contractor quarterly performance reviews.
* Demonstrates that successful operations are a consequence of processes and programs in place and an endless pursuit of perfection.
* Effective participant and team lead to facilitate collaboration of company and contractor personnel to make informed decisions which are based upon factual evidence and not speculation, or unrelated previous experiences.
* Innovative leader in Health, Safety and Environment performance with active participation and a passion for coaching company and contractor personnel where HSE cultures are only just developing or non-existent; recognition that HSE KPI’s by themselves are only indicators of HSE performance and that real HSE performance can only be evaluated by working intimately with company supervisory personnel and contractor personnel, including site safety audits; participated in many roles of Emergency Response Teams, including Incident Commander.
* Remote international experience in Algeria, the Middle East region, Mozambique and Albania; provided dynamic leadership in multicultural countries with a proven track record in startup operations with limited resources; culturally aware and respecting of local national cultures.

##### PROFESSIONAL EXPERIENCE

OILSEARCH (Drilling Operations Manager Dec 2014 – Dec 2015) KURDISTAN

Integrated quickly into multinational team with multi-string operations in Kurdistan drilling high cost, difficult to drill, HPHT exploration wells. Initial objectives included evaluating current operational procedures and commercial commitments to identify opportunities to reduce NPT and reduce overall well costs. Participated in regulatory Management Committee meetings for drilling related matters. Achieved improvements to new tendering to reduce cost exposure and ensure simple contract management which is PSC compliant.

* Responsible for HSE, drilling engineering, drilling operations, planning, well testing, completions, cost control, AFE’s, civil construction, logistics, QA/QC, quarterly performance reviews and personnel recruiting.
* Planned, programmed and executed a multi-well abandonment and reclamation program; well abandonments & wellsite reclamations are normally low risk operations, however a recent high potential security incident required the preparation of a detailed program which was subject to several peer reviews and CEO approval; this program included a rigorous review of security interfaces, logistics, community affairs and operations.

PETROMANAS ENERGY (Operations Manager Jun 2013 – Nov 2014) ALBANIA

Successfully reviewed business and drilling/completion/testing operational practices, which were not meeting business objectives of management in Albania operations (100% over budget for 5500m well). Accepted responsibility to manage drilling, rigless testing and stimulation, and civil construction for Albanian operations to meet company and JV partner requirements.

* Implemented changes to contract negotiations to reduce costs and improve operations efficiency, and directed changes to drilling program which were required to drill the next exploration well on time and under budget.
* Successfully coached and mentored company personnel and contractors to higher level of HSE accountability and HSE performance. Initiated monthly HSE meeting with company drilling team and all contractors to improve HSE engagement, HSE leadership and HSE participation.
* Achieved drilling success with underresourced drilling team with step changes in contractor and supplier engagement and performance of day to day rig operations.
* Provided corporate assurance and oversight of drilling, commercial and HSE procedures of day to day drilling operations in challenging well drilling environment with well costs exceeding $80MM by introducing rigorous risk assessment and management of change procedures.
* Provided well updates to government regulatory board meetings and provided assurance that contracts and operations were within the PSC guidelines and would qualify for cost recovery.
* Responsible for HSE, drilling operations, logistics, civil construction, well testing, contract & tendering reviews, cost control and participated in HAZOP/HAZID workshops.

TALISMAN ENERGY (Drilling Manager Oct 2009 – May 2013) KURDISTAN

Effectively managed drilling operations team for Talisman in Kurdistan, Iraq (rotational), including achieving operational and safety KPI’s, risk management and mitigation, and meeting technical and business objectives.

* First drilling team member for start-up drilling operations in Kurdistan tasked to deliver project planning, services contracting, personnel recruitment and project delivery.
* Successfully directed multi-national drilling team (all consultants, many backgrounds) to complete two complex, high risk exploration wells, using MPD technology.
* Represented Company drilling department in Kurdistan MNR management committee meetings.
* Successfully implemented HSE leadership and accountability within culturally diverse and immature safety culture which resulted in significant improvements in HSE behavior and low recordable incident frequencies. Initiated monthly HSE meeting with company drilling team and all contractors to improve HSE engagement and HSE leadership.
* Responsible for HSE, drilling operations, well testing, logistics, QA/QC, civil construction, reclamation, planning, AFE’s & cost control, service quality meeting’s, contract and tendering reviews.

REPSOLYPF EXPLORATION (Drilling Superintendent Jan 2008 - Oct 2009) ALGERIA

Successful project leader of four 2000HP (top drive) drilling rigs in remote southern Algeria drilling exploration wells to 4800m.

* Achieved significant operational efficiencies and therefore lower well costs with improvements in rig equipment (fit for purpose modifications) and continuous improvement of drilling crew competency, safety and well control procedures.
* Achieved improved HSE awareness and HSE behavior of rig site personnel through leadership, higher expectations and better understanding of accountability.
* Successfully facilitated integration of technical and support teams with task ownership and responsibility, and introduction of concept that everyone has a client that we must provide results to or support.

GULF KEYSTONE PETROLEUM (Regional Operations Manager 2004 – 2007) ALGERIA

Championed start-up of new drilling operation in Algeria, North Africa for AIM listed UK based petroleum exploration company. Initially hired as a Drilling Superintendent and then promoted to Regional Operations Manager.

* Project manager for drilling and evaluation of multiple wells in remote north-eastern Algeria.
* Optimized drilling operations to achieve project objectives at low cost with limited staff in a Company with limited operations experience.

SASOL PETROLEUM INT (Senior Drilling Engineer 2002 -2004) SOUTH AFRICA

Key member of startup drilling operations group in Johannesburg, South Africa for remote multi-well gas project in Mozambique as Sr. Drilling Engineer/Alternate Drilling Manager.

* Achieved successful low cost, fit for purpose well design with new drilling team without any project setbacks or cost overruns.

CONSULTING ENGINEER (Various Positions 1997 – 2002)

Provided engineering expertise to optimize drilling, completion and production operations in Canada and Gabon, Africa.

OUTRIDER RESOURCES LTD. (President 1993 – 1995)

Provided leadership, vision and implementation of business objectives of startup oil and gas company including asset acquisitions, financing and public stock listing.

* Increased business net worth to $18 million (from nothing) in 18 months.

HILLCREST RESOURCES LTD. (Operations Manager 1991 – 1993)

Managed oil and gas operations, including drilling, completion & production, facilities and construction project management, petroleum marketing for junior oil company.

OPINAC EXPLORATION LIMITED (Manager Drilling & Completions 1987 – 1991)

Demonstrated successful management of drilling and completion operations for startup and during high growth years (100+ wells/year), as well as startup facilities and production projects.

DYNEX PETROLEUM LTD. (Production Engineer 1985 – 1987)

Multi-role engineer at junior oil & gas company delivering production engineering, drilling and completions operations, facilities and pipeline construction project management, and oil and gas marketing.

NORCEN ENERGY RESOURCES LTD. (Various Assignments 1982 – 1985)

Engineer In Training – drilling engineering (including wellsite supervision), production engineering and facilities engineering and a 1 year field assignment which included service rig wellsite supervision and well optimization.

##### EDUCATION

BSc Mechanical Engineering, University of Calgary 1982

##### VALID TICKETS & CERTIFICATIONS

##### IWCF Level 4 Surface Stack (Expires 19 Jan 2019)

##### OTHER

##### PROFESSIONAL ENGINEER (ALBERTA, CANADA)

##### MEMBER - SOCIETY OF PETROLEUM ENGINEERS

##### TONY ROBBINS’ COURSES – BUSINESS MASTERY, LIFE & WEALTH MASTERY, UNLEASH THE POWER WITHIN, DATE WITH DESTINY