Acronyms Used in the oil & gas Industry

Compiled & edited by jorge salgado gomes (dec 2009)
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Why publish a booklet on acronyms? Let us imagine a possible situation:

A young engineer seeks assistance from his direct supervisor on how to conduct a rock typing study. The supervisor says: “It is easy young fellow. First you get your CCA and MICP data, sort samples by PTR distribution and Pc behaviour, check for consistency, plot groups on k-PHI domain, get a best fit-line and re-group the samples by PG. Later on you can integrate SCAL, Kr, wettability etc for the RRT grouping. I hope the workflow is clear to you”. The poor engineer is lost with so many acronyms!

The purpose of this booklet, which captures more than 1000 acronyms related to our Oil & Gas industry is, therefore, to facilitate the life of all young engineers in their day-to-day activities. I cannot claim to include all the possible acronyms as I am sure there are many more which are not referred here. In this booklet I capture, primarily, the most common ones utilized in the upstream sector, i.e., the ones related to G&G, Reservoir Engineering, Petroleum Engineering etc. As far as logging abbreviations are concerned, I avoided using all commercial names adopted by the Service Companies. I restricted the acronyms to the most common ones only. The remaining acronyms pertained to the support disciplines are here for completeness only and I apologize if I missed some of them.

The acronyms are grouped by discipline and sorted in alphabetical order. It is possible that some of them pertained to one discipline, let’s say Reservoir Engineering, are found in a similar discipline (SCAL/PVT/EOR for instance), but this was simply a matter of choice. For this reason, do not give up your search at the first glance. Please check a related discipline and, hopefully, you will find it. If not, please send me an email (jsgomes@emirates.net.ae). I will add it in the next press release.

I sincerely hope the time I devoted into the preparation of this booklet will add value to your day-to-day business. Hopefully you will be able to find, more effectively, the meaning of a great number of abbreviations used in our industry.

Jorge Salgado Gomes
Acknowledgments

I sincerely thank the contribution of all my colleagues at ADCO and PARTEX for their valuable contributions, by adding a few acronyms which were missed from the initial list.
Professional Associations/Societies

AADE – American Association of Drilling Engineers
AAPG – American Association of Petroleum Geologists
AICHE – American Institute of Chemical Engineers
APEGGA – Association of Professional Engineers, Geologists and Geophysicists of Alberta
ASA – American Statistical Association
ASPO – Association for the Study of Peak Oil
CERA – Cambridge Energy Research Associates
CSChE – Canadian Society or Chemical Engineering
DEA – Drilling Engineering Association
EAGE – European Association of Geoscientists and Engineers
ESG – Emirates Society of GeoScience
IACMAG – International Association of Computer Methods and Geomechanics
IAGC – International Association of GeoChemistry
IAOGP – International Association of Oil and Gas Producers
MAPDA – Middle Atlantic Petroleum Distribution Association
NPRA – National Petrochemical & Refinery Association
PESA - Petroleum Equipment Suppliers Association
PICA – Petroleum Industry Contractors Association
PJVA – Petroleum Joint Venture Association
SCA – Society of Core Analysts
SEG – Society of Exploration Geophysicalists
SPE – Society of Petroleum Engineers
SPWLA - Society of Petroleum Well Log Analysts
UKOOA – United Kingdom Offshore Operators Association
WPMA – Western Petroleum Markets Association
WRA – World Refining Association
International Events (Conferences)

ADIPEC – Abu Dhabi International Petroleum Conference
ATCE – Annual Technical Conference and Exhibition
DGAS – Deep Gas Conference and Exhibition
EAGC – European Autumn Gas Conference
ECMOR – European Conference on the Mathematics of Oil Recovery
GEO – GeoScience Conference for Middle East
IPTC – International Petroleum Technology Conference
IWCF – International Well Control Forum
KIPCE – Kuwait International Petroleum Conference and Exhibition
MEDT – Middle East Drilling Technology Conference and Exhibition
MEOS – Middle East Oil Show
OGIC – Oil and Gas India Conference and Exhibition
OTC – Offshore Technology Conference
RCSC – Reservoir Characterization and Simulation Conference
SOGAT – Sour Oil & Gas Advanced Technology
Institutions/Organizations/Agencies

ADCO – Abu Dhabi Company for Onshore Oil Operations
ADESCO – Abu Dhabi Emergency Committee of Offshore Operators
ADMA – Abu Dhabi Marine Operating Company
ADNOC – Abu Dhabi National Oil Company
ADPC – Abu Dhabi Petroleum Company
ADWEA – Abu Dhabi Water & Electricity Authority
AEC – Abu Dhabi Engineering Center
AIP – Aeronautical Information Publication (UAE)
API – American Petroleum Institute
ASRL – Alberta Sulfur Research Ltd
ASTM – American Standards Testing Materials
BP – British Petroleum
BRGN – Bureau de Recherches Géologiques et Minières
CIPS – Chartered Institute of Purchasing & Supply
EIA – Energy Information Agency
ENOC – Emirates National Oil Company
ERWDA – Environmental Research & Wildlife Development Agency (UAE)
FEA – Federal Environmental Agency (Authority)
GASCO – Abu Dhabi Gas Industries Ltd
GCAA – General Civil Aviation Authority (UAE)
GCC – Gulf Cooperation Council
HCT – Higher College of Technology
IAEA – International Atomic Energy Agency
IAEE – International Association for Energy Economics
IARC – International Agency for Research on Cancer
ICoTA – Intervention and Coiled Tubing Association
IFP – Institute Français du Pétrole
IHRDC – International Human Resources Development Company
IPE – International Petroleum Exchange
IRENA – International Renewable Energy Agency
IRIS – International Research Institute of Stavenger
IRSHAD – Related with Petroleum Ports Authority and Shipping Agents
ISO – International Standard Organization
IWCF – International Well Control Federation
JODCO – Japan Oil Development Company
KOC – Kuwait Oil Company
NDC – National Drilling Company
NOC – National Oil Company  
NRC – National Recruitment Center  
NYMEX – New York Mercantile Exchange  
OAPEC – Organization of Arab Petroleum Exporting Countries  
OPCO – Operating Company  
OPEC – Organization of Petroleum Exporting Countries  
PARTEX – Participations & Exploration Corporation  
PDO – Petroleum Development Oman  
PI – Petroleum Institute  
PIL – Petrofac International Limited  
PPA – Petroleum Ports Authority  
QAPCO – Qatar Petroleum Company  
QP – Qatar Petroleum  
RAC – Radiation Advisory Committee  
ROPME – Regional Organization for Protection of Marine Environment  
SEC – Securities Exchange Commission  
SPC – Supreme Petroleum Council  
TAQA – Abu Dhabi National Energy Company  
UAEU – United Arab Emirates University  
UN – United Nations  
USGS – United States Geological Survey  
WHO – World Health Organization  
WPC – World Petroleum Congress  
ZADCO – Zakum Development Company
Economics, Finance, Contracts

AED – Arab Emirates Dirham
AFE – Authorization for Expenditure
BB -Bid Bond
BEP -Break Even Point
BOM – Bill of Materials
BR -Budget Requisition
CAPEX - Capital Expenditure
CFT – Call For Tender
CI – Capital Intensity
DB - Declining Balance – used for depreciation calculation
DCC – Decision Cycle Compression
DDB - Double Declining Balance (2nd Order Depreciation Curve)
DIO - Days Invoice Outstanding
DSO - Days Sale Outstanding
EMV – Expected Monetary Value
E&P – Exploration & Production
FP – Finance Proposal
FPV - Future Present Value
FTA – Free Trade Agreement
GSA - General Service Agreement
ICE – InterContinental Exchange
IRR – Internal Rate of Return
JV - Joint Venture
LC - Letter of Credit
LD - Liquidated Damages
LLC - Limited Liability Company
LOI - Letter of Intent
LTDP – Long Term Development Plan
LVBR – Low Value Budget Request
LVPO - Low Value Purchase Order
MOD – Money of the Day
MODA – Manual of Delegated Authority
MOU - Memorandum of Understanding
MWO – Minor Work Order
NFA – No Further Activity
NOC - Note of Completion of Work or No Objection Certificate
NPC – Net Present Cost
NPV – Net Present Value
NYSE – New York Stock Exchange
OPEX – Operating Expenditure
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
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<tr>
<td>PBG</td>
<td>Performance Bank Guarantee</td>
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<tr>
<td>PI</td>
<td>Profit to Investment Ratio</td>
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<tr>
<td>PID</td>
<td>Project Identification Document</td>
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<tr>
<td>PMC</td>
<td>Project Management Consultant</td>
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<tr>
<td>PMT</td>
<td>Payments</td>
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<tr>
<td>PO</td>
<td>Purchase Order</td>
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<tr>
<td>PR</td>
<td>Purchase Request or Profit Rate (i.e. interest rate)</td>
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<tr>
<td>PSA</td>
<td>Production Sharing Agreement</td>
</tr>
<tr>
<td>PSC</td>
<td>Production Sharing Contract</td>
</tr>
<tr>
<td>PTW</td>
<td>Permit to Work</td>
</tr>
<tr>
<td>PV</td>
<td>Present Value</td>
</tr>
<tr>
<td>R&amp;D</td>
<td>Research &amp; Development</td>
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<tr>
<td>RFI</td>
<td>Request for Information</td>
</tr>
<tr>
<td>RFQ</td>
<td>Request for Quotation</td>
</tr>
<tr>
<td>ROI</td>
<td>Return on Investment</td>
</tr>
<tr>
<td>SFA</td>
<td>Straight Forward Award</td>
</tr>
<tr>
<td>SH</td>
<td>Shareholders</td>
</tr>
<tr>
<td>SHA</td>
<td>Shareholders Agreement</td>
</tr>
<tr>
<td>SOR</td>
<td>Statement of Requirements</td>
</tr>
<tr>
<td>SOS</td>
<td>Scope of Services</td>
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<tr>
<td>SOW</td>
<td>Scope of Work</td>
</tr>
<tr>
<td>SRN</td>
<td>Service Receipt Note</td>
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<tr>
<td>T&amp;C</td>
<td>Terms &amp; Conditions of a contract</td>
</tr>
<tr>
<td>TIP</td>
<td>Tender Invitation Package</td>
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<tr>
<td>TM</td>
<td>Trade Mark</td>
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<tr>
<td>TO</td>
<td>Task Order</td>
</tr>
<tr>
<td>TOR</td>
<td>Terms of Reference</td>
</tr>
<tr>
<td>UTC</td>
<td>Unit Technical Cost</td>
</tr>
<tr>
<td>VIR</td>
<td>Value Investment Ratio</td>
</tr>
<tr>
<td>VO</td>
<td>Variation Order (Change Order too)</td>
</tr>
<tr>
<td>VOI</td>
<td>Value of Information</td>
</tr>
<tr>
<td>WTI</td>
<td>West Texas Intermediate</td>
</tr>
<tr>
<td>YTD</td>
<td>Year to Date</td>
</tr>
</tbody>
</table>
Geological Sciences
ANHY – Anhydrite
DOL – Dolomite
FI – Fluid Inclusion
FZI – Flow Zone Indicator
GC – Gas Chromatograph
GPS – Global Positioning System
GRST - Grainstone
HRSS – High Resolution Sequence Stratigraphy
HST - High Stand System Track
KB – Kelly Bushing
LMS – Limestone
LRP – Low Resistivity Pay
LST – Low Stand System Track
MDST - Mudstone
MFS – Maximum Flooding Surface
MGIL – Mud Gas Isotope Analysis
PG – Petrophysical Groups
PKST – Packstone
PSD – Pore Size Distribution (from NMR)
PTR – Pore Throat Radius (from MICP)
RRT – Reservoir Rock Type
RST – Regressive System Track
SARA – Saturates, Aromatics, Resins, Asphaltenes
SB – Sequence Boundary
SEM – Scanning Electron Microscope
SRA – Source Rock Analyser
TD – Total Depth
TEGC – Thermal Expansion Gas Chromatograph
TOC – Total Organic Compound
TST – Transgressive System Track
TST – True Stratigraphic Thickness (Isopach)
TVD – True Vertical Depth
TVT – True Vertical Thickness (Isochore)
VR - Vitrinite Reflectivity
VSP – Vertical Seismic Profile
WKST - Wakestone
XRD – X-Ray Diffract
YTF – Yet to Find
### Geophysical Sciences

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<tr>
<td>1D</td>
<td>One Dimensional</td>
</tr>
<tr>
<td>3D</td>
<td>Three Dimensional</td>
</tr>
<tr>
<td>AAI</td>
<td>Absolute Acoustic Impedance</td>
</tr>
<tr>
<td>AAMO</td>
<td>Apparent Anisotropic Move Out (WesternGeco)</td>
</tr>
<tr>
<td>AFPR</td>
<td>Acquisition Foot Print Removal</td>
</tr>
<tr>
<td>AGC</td>
<td>Automatic Gain Control</td>
</tr>
<tr>
<td>AGORA</td>
<td>Adaptative Ground Roll Attenuation (from CGG)</td>
</tr>
<tr>
<td>AMO</td>
<td>Azimuth Move Out</td>
</tr>
<tr>
<td>AI</td>
<td>Acoustic Impedance</td>
</tr>
<tr>
<td>AVA</td>
<td>Amplitude Versus Angle</td>
</tr>
<tr>
<td>AVAZ</td>
<td>Amplitude Versus Azimuth</td>
</tr>
<tr>
<td>AVO</td>
<td>Amplitude Versus Offset</td>
</tr>
<tr>
<td>CDP</td>
<td>Common Depth Point</td>
</tr>
<tr>
<td>CMP</td>
<td>Common Mid Point</td>
</tr>
<tr>
<td>DECON</td>
<td>Deconvolution</td>
</tr>
<tr>
<td>DMO</td>
<td>Dip Move Out</td>
</tr>
<tr>
<td>DPC</td>
<td>Datum Plane of Computation</td>
</tr>
<tr>
<td>FK</td>
<td>Frequency Wavenumber</td>
</tr>
<tr>
<td>EI</td>
<td>Elastic Impedance</td>
</tr>
<tr>
<td>FDNAT</td>
<td>Frequency-Dependent Noise Attenuation (CGGVeritas)</td>
</tr>
<tr>
<td>FFT</td>
<td>Fast Fourier Transform</td>
</tr>
<tr>
<td>GLI</td>
<td>Generalized Linear Inversion</td>
</tr>
<tr>
<td>GPS</td>
<td>Global Positioning System</td>
</tr>
<tr>
<td>HF</td>
<td>High Frequency</td>
</tr>
<tr>
<td>HR</td>
<td>High Resolution</td>
</tr>
<tr>
<td>IMA</td>
<td>Internal Multiple Attenuation</td>
</tr>
<tr>
<td>LF</td>
<td>Low Frequency</td>
</tr>
<tr>
<td>MAZ</td>
<td>Multi Azimuth</td>
</tr>
<tr>
<td>NMO</td>
<td>Normal Move Out</td>
</tr>
<tr>
<td>OBC</td>
<td>Ocean Bottom Cable</td>
</tr>
<tr>
<td>OMAF</td>
<td>Onshore Abu Dhabi Multiple Attenuation Task Force</td>
</tr>
<tr>
<td>OWT</td>
<td>One Way Time</td>
</tr>
<tr>
<td>PSDM</td>
<td>Pre-Strack Depth Migration</td>
</tr>
<tr>
<td>PSTM</td>
<td>Pre-Stack Time Migration</td>
</tr>
<tr>
<td>Q</td>
<td>Quality Factor (describes degree of attenuation and dispersion)</td>
</tr>
<tr>
<td>RAMUR</td>
<td>High Resolution Radon Multiple Removal (CGGVeritas)</td>
</tr>
<tr>
<td>RAZ</td>
<td>Rich Azimuth</td>
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<tr>
<td>RMS</td>
<td>Root Mean Square</td>
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</table>
RNA – Random Noise Attenuation
RNMO – Residual Normal Move Out
RP – Receiver Point
S/N – Signal to Noise Ratio
SCAC – Surface Consistent Amplitude Correction
SCFIL – Structurally Consistent Filtering
SMA – Surface Multiple Attenuation
SP – Shot Point
Spectrum – A Function of Frequency
SR – Sampling Rate
SRME – Surface-Related Multiple Attenuation
TB – Time Break
T-D – Time – Depth
TWT – Two Way Time
VP – Vibroseis Point
VSP – Vertical Seismic Profile
WATS – Wide Azimuth Towed Streamer
WAZ – Wide Azimuth
Carbonate Sedimentology

ARSR – Algal, Rudist, Skeletal, Rudstone
ASF - Algal, Skeletal Floatstone-Boundstone.
ASF – Algal, Skeletal, Floatstone - Boundstone
ASPF - Algal, Skeletal, Peloid Floatstone-Rudstone
AstFB – Algal, Stromatoporoid, Skeletal, Floatstone – Boundstone
BBOSP – Burrowed, Bioturbated, Orbitolinid, Skeletal Packstone
BBOSW - Burrowed, Bioturbated, Orbitolinid, Skeletal Wackestone
BBSP – Burrowed, Bioturbated, Skeletal Packstone
BBSW – Burrowed, Bioturbated, Skeletal Wackestone
BCSM - Bioturbated, Clay-Rich, Skeletal Mudstone-Wackestone
BGSM - Bioturbated, Argillaceous, Skeletal Mudstone-Wackestone
BGSW - Burrowed, Argillaceous, Skeletal Wackestone.
BPFSW – Burrowed, Planktonic, Foraminifera, Skeletal Wackestone – Mudstone
CgASR - Coated-Grain, Algal, Skeletal Rudstone-Floatstone
CgSG - Coated-Grain, Skeletal Grainstone
DGFS – Dark Grey Fissile Shale
FSW – Foraminifera, Skeletal Wackestone
OSP - Orbitolinid, Skeletal Packstone
OSW - Orbitolinid, Skeletal Wackestone
PFMW – Planktonic, Foraminifera Mudstone - Wackestone
PFSM - Pelagic Foraminifera, Skeletal Mudstone-Wackestone
RASGR – Rudist, Algal, Skeletal, Grainstone – Rudstone
RCnBR – Rudist, Caprinid, Boundstone – Rudstone
RCpBF – Rudist, Caprotinid, Boundstone – Floatstone
ROGR – Rudist, Orbitolinid, Grainstone – Rudtstone
RPF - Rudist, Peloid Floatstone
RPR - Rudist, Peloid Rudstone
RSFR – Rudist, Skeletal, Floatstone – Rudstone
RSR – Rudist, Skeletal Rudstone
SPG - Skeletal, Peloid Grainstone
SPP - Skeletal, Peloid Packstone
SPWP - Skeletal, Peloid Wackestone-Packstone
SW - Skeletal Wackestone
WBOSP - Wispy-laminated, Burrowed, Orbitolinid, Skeletal Packstone
WBOSW - Wispy-laminated, Burrowed, Orbitolinid, Skeletal Wackestone
WBSP - Wispy-laminated, Burrowed, Skeletal Packstone
WBSW - Wispy-laminated, Burrowed, Skeletal Wackestone
**Acronyms Used in the Oil & Gas Industry**

**Petrophysics/Logging**

- T- sonic transit time.
- ADN- Azimuthal Density Neutron tool
- AIT- Array Induction imager Tool.
- AIT- Induction log
- ARI- Azimuthal Resistivity Imager
- BHT – Bottom Hole Temperature
- CAL- Caliper
- CBL – Cement Bond Log (Schlumberger)
- CH –Cased Hole
- CHDT- Cased Hole Dynamic Tester
- CHFR – Cased Hole Formation Resistivity
- CMR/NMR - Nuclear Magnetic Resonance
- CNL- Compensated Neutron Log.
- CPI- Computer Processing Interpretation
- CTU – Coiled Tubing Unit
- DFA – Downhole Fluid Analyser
- DIT - Dual Induction Tool
- DLT- Dual LateroLog Tool
- DSI – Dipole Sonic Imager
- DTCO- Sonic Compressional
- DTSM- Sonic Shear
- DTST- Sonic Stoneley
- ECS - Elemental Capture Sonde
- EMI - Electromagnetic Imager Tool
- EMS-Environment Measurement Sonde
- EPT - Electromagnetic Propagation Tool
- FMI- Fullbore formation Micro-Imager
- FMS – Formation Micro Scanner
- FR- Formation Resistivity factor
- FSI - Fluid Scanner Imager
- HALS – High Resolution Array Lithology Sonde.
- IS - Isolation Scanner Tool (Cement & Corrosion)
- k- permeability
- LLD - Laterolog Deep
- LIL – Log-Inject-Log
- LWD – Logging While Drilling
- m – cementation exponent
- MDT – Modular Dynamic Tester
- MVRT- Multi Verto Log
- MWD – Measuring While Drilling
- n – saturation exponent
- NMR – Nuclear Magnetic Resonance
NORM – Natural Occurring Radioactive Minerals
NPHI - Neutron pulse Hydrogen index
OH – Open Hole.
PEF - Photoelectric Index
PFI – Pressure Fluid Imaging technology
PLT – Production Logging Tool
PNT – Pulse Neutron Tool
PSW - Bulk volume water (unflushed zone).
PSXO - Bulk volume water (invasion zone).
RCI - Reservoir Characterization Instrument
RFT – Repeat Formation Tester
RHOB - Bulk Density
RPM- Reservoir Performance Monitoring
RRT- Reservoir Rock Type
RST - Reservoir Saturation Tool
RT- True Resistivity
RXO- Resistivity of the invaded zone
SBT – Cement Bond Tool (BAKER Atlas)
SHDT - Stratigraphic High resolution Dipmeter Tool.
SNP-Sidewall Neutron Log
SW- Water Saturation
SXO- Saturation of the invaded zone
TD - Total Depth
TDT – Thermal Decay Time
TLC – Tough Logging Conditions
USI- Ultra sonic imager
USIT – Ultra Sound Image Tool (Cement & Corrosion)
VDL – Variable Density Log
W/L – Wireline
WLL – Wireline Logging
WFL - Water Flow Log
\_\_b- Bulk Density
Acronyms Used in the Oil & Gas Industry

GeoStatistics/Modelling
AI&DM – Artificial Intelligence & Data Mining
ANN – Artificial Neural Network
BLUE - Best Linear Unbiased Estimator
CCDF – Conditional Cumulative Distribution Function
CDF – Cumulative Density (Distribution) Function
CFM – Continuous Fracture Modeling
CK – Cokriging
CLT - Central Limit Theorem
CPG – Corner Point Geometry
Cv – Coefficient of variation (STD/Mean)
DFN - Discrete Fracture Network
DSI - Discrete Smooth Interpolation
EDA – Exploratory Data Analysis
E-type – Conditional Expectation Estimate
EV – Expectation Value
FIS – Fuzzy Inference System
GSLIB – Geostatistical Software Library
IK – Indicator Kriging
IMPES – Implicit to Pressure Explicit to Saturation
KED – Kriging with External Drift
KT – Kriging with a trend model (Universal” Kriging)
LGR – Local Grid Refinement
LS – Least Squares
MAE – Mean Absolute Error
MOO – Multiple Objective Optimization
MPS – Multi-point Statistics
M-type – Conditional Median Estimate
MLP – Multi-Layer Perceptron
NN - Neural Network
NNC – Non Neighbor Connections
OCK - Ordinary Cokriging
ODE – Ordinary Differential Equations
OK – Ordinary Kriging
OOP – Object Oriented Programming
PCA – Principal Component Analysis
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>AAR</td>
<td>After Action Review</td>
</tr>
<tr>
<td>APD</td>
<td>Application to Permit to Drill</td>
</tr>
<tr>
<td>APWD</td>
<td>Annulus Pressure While Drilling</td>
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<tr>
<td>BHA</td>
<td>Bottom Hole Assembly</td>
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<tr>
<td>BOP</td>
<td>Blow Out Preventer</td>
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<td>BPV</td>
<td>Back Pressure Valve</td>
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<td>BRT</td>
<td>Below Rotary Table</td>
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<td>BUR</td>
<td>Build-Up rate</td>
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<td>CB</td>
<td>Core Barrel</td>
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<td>CDP</td>
<td>Comprehensive Drilling Plan</td>
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<tr>
<td>CHFF</td>
<td>Cased Hole Friction Factor</td>
</tr>
<tr>
<td>COF</td>
<td>Coefficient of Friction</td>
</tr>
<tr>
<td>CSG</td>
<td>Casing</td>
</tr>
<tr>
<td>CTD</td>
<td>Coiled Tubing Drilling</td>
</tr>
<tr>
<td>DC</td>
<td>Drill Collar</td>
</tr>
<tr>
<td>DD</td>
<td>Directional Drilling</td>
</tr>
<tr>
<td>DDM</td>
<td>Derrick Drilling Machine</td>
</tr>
<tr>
<td>DHSV</td>
<td>Downhole Safety Valve</td>
</tr>
<tr>
<td>DIF</td>
<td>Drill-In Fluid</td>
</tr>
<tr>
<td>DIMS</td>
<td>Drilling Information Management System</td>
</tr>
<tr>
<td>DLS</td>
<td>Dog Leg Severity</td>
</tr>
<tr>
<td>DP</td>
<td>Drill Pipe</td>
</tr>
<tr>
<td>DPDV</td>
<td>Dynamically Positioned Drilling</td>
</tr>
<tr>
<td>DSA</td>
<td>Double Stud Adaptor</td>
</tr>
<tr>
<td>DST</td>
<td>Drill Stem Test</td>
</tr>
<tr>
<td>DSV</td>
<td>Diving Support Vessel (offshore)</td>
</tr>
<tr>
<td>DSV</td>
<td>Drilling SuperVisor</td>
</tr>
<tr>
<td>DWOP</td>
<td>Drill Well On Paper</td>
</tr>
<tr>
<td>DWS</td>
<td>Drilling &amp; Workover Schedule</td>
</tr>
<tr>
<td>ECD</td>
<td>Equivalent Circulating Density</td>
</tr>
<tr>
<td>EP</td>
<td>Entry Point</td>
</tr>
<tr>
<td>ER</td>
<td>Extended Reach</td>
</tr>
<tr>
<td>ERD</td>
<td>Extended Reach Drilling</td>
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<tr>
<td>ESD</td>
<td>Emergency Shut Down</td>
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<tr>
<td>FC</td>
<td>Float Collar</td>
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<tr>
<td>FCP</td>
<td>Final Circulating Pressure</td>
</tr>
<tr>
<td>FF</td>
<td>Friction Factor</td>
</tr>
<tr>
<td>GL</td>
<td>Ground Level</td>
</tr>
<tr>
<td>GPM</td>
<td>Gallons Per Minute</td>
</tr>
<tr>
<td>HCM</td>
<td>Hole Condition Monitoring</td>
</tr>
<tr>
<td>HGR</td>
<td>Hanger</td>
</tr>
<tr>
<td>HIS</td>
<td>HIS (HIS) Bit HP impact</td>
</tr>
</tbody>
</table>
Acronyms Used in the Oil & Gas Industry

- HTHP – High Temperature, High Pressure
- HWDP – Heavy Weight Drill Pipe
- ICV – Interval Control Valve
- ID – Inner Diameter
- JU – Jack-Up (offshore)
- KB – Kelly Bushing
- KOP – Kick off Point
- KRP – Kill Rate Pressure
- LCM – Lost Circulation Material
- LGS – Low Gravity Solids in mud
- LMR – Lower Marine Riser
- LMV – Lower Master Valve
- LOLER – Lifting Operations and Lifting Equipment Regulations
- LOT – Leak-Off Test
- LP – Landing Point
- LS – Long String
- LSYP – Low Shear Yield Point
- LWD – Logging While Drilling
- MAASP – Maximum Acceptable Annular Shut-in Pressure
- MD – Measured Depth
- MDR – Main Drilling Report
- MDSS – Measured Depth Sub-Sea
- ML – Multi-Lateral
- MRC – Maximum Reservoir Contact
- MUT – Make Up Torque
- MW – Mud Weight
- MWD – Measuring While Drilling
- NDC – National Drilling Company
- NDF – Non Damaging Fluids
- NMDC – Non Magnetic Drill Collars
- NPSH – Net Positive Suction Head
- NPT – Non Productive Time
- NRV – Non Return Valve
- OBM – Oil Based Mud
- P&A – Plugged & Abandon
- PBR – Polished Bore Receptacle
- PBTD – Plug Back Total Depth
- PCF – Pounds per Cubic Feet
- PDC – Polycrystalline Diamond Compact (for bits)
- PKR – Packer
- POH – Pull Out of Hole
- PPG – Pounds Per Gallon
PPT – Particle Plugging Test
PWD – Pressure While Drilling
RIH – Run In Hole
RMS – Ratcheting Mule Shoe
ROP – Rate of Penetration
RPM – Rotations Per Minute
RSS – Rotary Steerable System
RTDT – Real Time Data Transmission
RTKB – Rotary Table Kelly Bushing
RTOC – Real Time Operations Center
SBF – Synthetic Base Fluid
SBM – Synthetic Base Mud
SDI – Standard Drilling Instruction
SL – Surface Location
SPP – Stand Pipe Pressure
SPR – Strokes Per Minute
SS – Short String
SS – Sub Sea
SSD – Selective Shutting Device
Stab – Stabilizer
TBG – Tubing
TD – Total Depth
TDS – Top Drive System
TFA – Total Flow area
THS – Tubing Head Spool
TOL – Top of Liner
TTRD – Through Tubing Rotary Drilling
TST – True Stratigraphic Thickness
TVD – True Vertical Depth
TVDss – True Vertical Depth sub-sea
TVT – True Vertical Thickness
UBD – Underbalance Drilling
USR – Ultra Short Radius
WBM – Water Based Mud
WDL – Well Delivery Limit
WDW – Water Disposal Well
WLEG – Wireline Entry Guide
WOB – Weight on Bit
WOC – Wait on Cement
WOW – Wait on Weather
WSW – Water Supply Well
YP – Yield Point
Petroleum Engineering/Production Technology

A/L – Artificial Lift
AAP – After Action Review
AOF – Absolute Open Flow
ASV – Annular Safety Valve
AV – Annular Velocity
AWO – Approval Well Operation
BHFP – Bottom Hole Flowing Pressure
BHFT – Bottom Hole Flowing Temperature
BPV – Back Pressure Valve
BTX – Benzine, Toluene, Xylene
CBL – Cement Bond Log
CHP – Casing Hanger Pressure
CITHP – Closed In Tubing Hanger Pressure
CIV – Chemical Injection Valve
CQP – Cement Quality Parameters
CRA – Corrosive Resistive Alloy
CsF – Caesium Formate
CTCO – Coiled Tubing Clean Out
CTU – Coiled Tubing Unit
CWOR – Completion Work Over Riser
D&C – Drilling and Completion
DCI – Downhole Chemical Injection
DHI - Down Hole Injection
DHP - Down Hole Pump
DP – Dual producer
DST – Drill Stem Testing
DWOP – Drill Well On Paper
EDTA – Ethylene Diamine Tetraacetic Acid
EGMBE – Ethylene Glycol Mono-Butyl Ether
ELT – Economic Limit Test
ESP – Electrical Submersible Pump
FBHP – Flowing Bottom Hole Pressure
FIT – Formation Integrity Test
FIV – Formation Isolation Valve
FOSV – Full Opening Safety Valve
FPSO – Floating Production Storage and Offloading
FV – Float Valve
FWHP – Flowing Well Head Pressure
FWV – Flow Wing Valve
GBS – Gravity Based Structure
GL – Gas Lift
GLM – Gas Lift Mandrels
GLV – Gas Lift Valve
HGS – High Gravity Solids
HPHT – High Pressure High Temperature
HSP – Hydraulic Submersible Pump
ICD – Inflow Control Device
ICV – Inflow Control Valve
LIH – Lost In Hole
LS – Long String
MEG – Mono Ethylene Glycol
MIYP – Maximum Internal Yield Pressure
Mnt – Maintenance
MSR acid – Mud Silt Removal acid
MuSol – Mutual Solvent
MVERT – Corrosion log from Baker Hughes
NAPF – Non Aqueous Phase Fluid
NASA – Non Active Side Arm
NPSH – Net Positive Suction Head
NRV – Non Return Valve
OD – Outer Diameter
OGD – Onshore Gas Development
PBR – Polished Bore Receptacle
PBTD – Plug Back Total Depth
PCP – Progressive Cavity Pump
PKR – Packer
PTA – Pressure Transient Analysis
PWRI – Produced Water Re-Injection
PWW – Production Wing Valve
RDF – Reservoir Drilling Fluid
RTTS – Retrievable Test Treat Squeeze
SAP – Sustainable Annulus Pressure
SARA – Saturates, Aromatics, Resins, Asphaltenes
SBF – Synthetic Base Fluid
SCSSSV – Surface Control Sub-Surface Safety Valve
SDA – Self Diverting Agent
SIBHP – Shut-in Bottom Hole Pressure
SICP – Shut-In Casing Pressure
SIDPP – Shut-In Drill Pipe Pressure
SITHP – Shut-In Tubing Hanger Pressure
SIWHP – Shut-In Well Head Pressure
SPF – Shots Per Foot
SPM – Side Pocket Mandrel
SPP – Stand Pipe Pressure
SS – Short String
Acronyms Used in the Oil & Gas Industry

SSD – Selective Shutting Device
SSD – Sliding Side Door (same as above)
TBG – Tubing
TCP – Tubing Conveyed Perforations
TDS – Total Dissolved Solids
TSS - Total Suspended Solids
UFO – Unable to Flow and Observe (inactive string category)
UMV – Upper Master Valve
UTA – Umbilical Termination Assembly
VDA – Viscous-elastic Diverting Acid
VDL – Variable Density Log
VES – Viscous Elastic Surfactant
VFP – Vertical Flow Performance
VSD – Variable Speed Drive
WDW – Water Disposal Well
WEG – Wireline Entry Guide
WHM – Wellhead Maintenance
WI – Water Injection
WLL – Wireline Logging
WRSCSSV – Wireline Retrievable Surface Control SSV
WSO – Water Shut-Off
WSW – Water Supply Well
XMT – Xmas Tree
XO – Cross Over
YP – Yield Point
<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADST</td>
<td>Asphaltene Dispersant Testing</td>
</tr>
<tr>
<td>AOP</td>
<td>Asphaltene Onset Pressure</td>
</tr>
<tr>
<td>ASP</td>
<td>Alkaline Surfactant Polymer</td>
</tr>
<tr>
<td>Bg</td>
<td>Gas Formation Volume Factor</td>
</tr>
<tr>
<td>Bo</td>
<td>Oil Formation Volume Factor</td>
</tr>
<tr>
<td>CBM</td>
<td>Coal Bed Methane</td>
</tr>
<tr>
<td>CCA</td>
<td>Conventional Core Analysis</td>
</tr>
<tr>
<td>CCE</td>
<td>Constant Composition Expansion</td>
</tr>
<tr>
<td>CCS</td>
<td>Carbon (CO2) Capture &amp; Sequestration</td>
</tr>
<tr>
<td>CEC</td>
<td>Cation Exchange Capacity</td>
</tr>
<tr>
<td>CO2</td>
<td>Carbon Dioxide</td>
</tr>
<tr>
<td>CSIA</td>
<td>Compound Specific Isotope Analysis</td>
</tr>
<tr>
<td>CVD</td>
<td>Constant Volume Depletion</td>
</tr>
<tr>
<td>DL</td>
<td>Differential Liberation</td>
</tr>
<tr>
<td>DV</td>
<td>Differential Vaporization</td>
</tr>
<tr>
<td>EOR</td>
<td>Enhanced Oil Recovery</td>
</tr>
<tr>
<td>EOS</td>
<td>Equation of State</td>
</tr>
<tr>
<td>FPA</td>
<td>Floc Point Analyzer</td>
</tr>
<tr>
<td>FRF</td>
<td>Formation Resistivity Factor</td>
</tr>
<tr>
<td>FRFavg</td>
<td>The harmonic mean of the calculated directionally dependent FRFs</td>
</tr>
<tr>
<td>FVF</td>
<td>Formation Volume Factor</td>
</tr>
<tr>
<td>GC</td>
<td>Gas Chromatography</td>
</tr>
<tr>
<td>GCMS</td>
<td>Gas Chromatography Mass Spectroscopy</td>
</tr>
<tr>
<td>GAIGI</td>
<td>Gravity Assisted Inert Gas Injection</td>
</tr>
<tr>
<td>GAGD</td>
<td>Gas Assisted Gravity Drainage</td>
</tr>
<tr>
<td>Gi</td>
<td>Cumulative gas injected (material balance)</td>
</tr>
<tr>
<td>Gp</td>
<td>Cumulative gas produced (material balance)</td>
</tr>
<tr>
<td>H2S</td>
<td>Hydrogen Sulfide</td>
</tr>
<tr>
<td>HVN</td>
<td>Heavy Virgin Naphta</td>
</tr>
<tr>
<td>ICP</td>
<td>Iron Couple Plasma</td>
</tr>
<tr>
<td>IFT</td>
<td>Interfacial Tension</td>
</tr>
<tr>
<td>IOR</td>
<td>Improved Oil Recovery</td>
</tr>
<tr>
<td>ISSM</td>
<td>In-Situ Saturation Monitoring</td>
</tr>
<tr>
<td>I-Sw</td>
<td>Resistivity - saturation</td>
</tr>
<tr>
<td>k(abs)</td>
<td>Absolute Permeability</td>
</tr>
<tr>
<td>Keg</td>
<td>Effective permeability to gas</td>
</tr>
<tr>
<td>Keo</td>
<td>Effective permeability to oil</td>
</tr>
<tr>
<td>Kew</td>
<td>Effective permeability to water</td>
</tr>
<tr>
<td>Kg</td>
<td>Air Permeability</td>
</tr>
<tr>
<td>KL</td>
<td>Klinkenberg corrected gas permeability</td>
</tr>
<tr>
<td>Ko</td>
<td>Oil Permeability</td>
</tr>
</tbody>
</table>
Acronyms Used in the Oil & Gas Industry

Kr - Relative Permeability.
Krg - Relative Permeability to Gas
Kro - Triphasic Relative Permeability to Oil
Krog - Relative Permeability to Oil in presence of Gas
Krow - Relative Permeability to Oil in presence of Water
KrW - Relative Permeability to water
Kw - Brine Permeability
LTPF – Low T ension Polymer Flooding
‘m’ - Cementation exponent
MEOR – Microbial EOR
MICP- Mercury Injection Capillary Pressure
MMP – Minimum Miscibility Pressure
MSF – Multi-Stage Flash
‘n’ - Saturation exponent
Nc - capillary number
No - Oil Corey
Np – Cumulative oil produced (material balance)
Nw - Water Corey
N2 - Nitrogen
Pb – Bubble Point Pressure
Pc – Capillary Pressure
Pd - Dew Point Pressure
PG – Petrophysical Groups
Phi – Porosity
Ppg – Pounds per gallon
PSA – Particle Size Analyser
Psi - pound per square inch
PVT – Pressure Volume Temperature
RB - Reservoir Barrel
RI - Resistivity index
ROS - Remaining oil saturation
RRT – Reservoir Rock Types
SAGD – Steam Assisted Gravity Drainage
SARA – Saturates, Aromatics, Resins, Asphaltenes
SCAL – Special Core Analysis
SDM - Semi dynamic method
Sg - Gas Saturation
So - Oil Saturation
Sorg – Residual Oil Saturation after gas flood
Sorw – Residual Oil Saturation after water flood
SP – Surfactant Polymer Flood
SRB – Straight Run Benzene
SRB - Sulfate Reducing Bacteria
SS – Steady State
STB – Stock Tank Barrel
Sw - Water Saturation
SWAG – Simultaneous WAG
Swc - Connate Water
Swi – Irreducible Water Saturation
Swin - Initial Water Saturation
TAN – Total Acid Number
THAI – Toe-to-Heel Air Injection
TSR – Thermochemical Sulfate Reduction
UCG – Underground Coal Gasification
USBM - US Bureau of Mines, Wettability indices
USS – Unsteady State
WAG – Water Alternating Gas
Wi – Cumulative water injected (material balance)
Wp – Cumulative water produced (material balance)
_ Density
_ Viscosity
_ Interfacial Tension
_ Porosity
Acronyms Used in the Oil & Gas Industry

Reservoir Engineering

AOF – Absolute Open Flow
AOV – Air Operated Valve
ARPR – Annual Reservoir Performance Review
BHCIP – Bottom Hole Closed In Pressure
BHP – Bottom Hole Pressure
BHT – Bottom Hole Temperature
BS&W – Bottom Sediment and Water
CFDP – Conceptual Field Development Plan
CGR – Condensate Gas Ratio
DST - Drill Stem Test
EOFL – End of Field Life
EOR - Enhanced Oil Recovery
FBHP – Flowing Bottom Hole Pressure
FE - Flow Efficiency
FFM – Full Field Model
FHP – Flowing Head Pressure
FIT – Formation Integrity Test
FVF- Formation Volume Factor
FWHP – Flowing Well Head Pressure
GOR – Gas Oil Ratio
GPL – Gas Petroleum Liquids
GTL – Gas To Liquids
I.I- Injectivity Index
IMPES – Implicit to Pressure Explicit to Saturation
IOR - Improved Oil Recovery
IP – Injector to Producer Ratio
IPC – Installed Production Capacity
IPR – Inflow Performance Relationship
ITS – Inflow to Surface
keff – Effective permeability
LGR- Liquid Gas Recovery
LNG _Liquified Natural Gas
LPG – Liquified Petroleum Gas
LPR- Low Permeability Reservoir
LTDP – Long Term Development Plan
MDH – Miller-Dyes-Hutchinson Method
MDT - Modular Dynamic Tester
MICP – Mercury Injection Capillary Pressure
MPFM – Multi-Phase Flow Meter
MWAG – Miscible WAG
NFA – No Further Activity
NGL- Natural Gas Liquids
PBU – Pressure Build Up
PDHM – Permanent Down Hole Monitoring
PEBI – Perpendicular Bisector (for simulation grids)
PFO – Pressure Fall-off
PI – Productivity Index
PIF – Production Improvement Factor
PPG – Pounds Per Gallon
Psi – Pounds per square inch
PWRI – Produced Water Re-Injection
RF – Recovery Factor
RFT - Repeat Formation Tester
RMP – Reservoir Monitoring Program
ROS – Remaining Oil Saturation
RRT – Reservoir Rock Type
SAGD – Steam Assisted Gravity Drainage
SD-DK – Sub-Domain Dual Permeability
SDT – Step Draw-down Test
SG – Static Gradient
SIBHP – Shut-In Bottom Hole Pressure
SIWHP – Shut-In Well Head Pressure
SSCSV - Sub Surface Control Safety Valve
SAR – System Available Rate
STR – System Technical Rate
THP - Tubing Head Pressure
URF – Ultimate Recovery Factor
VE – Vertical Equilibrium
VFP – Vertical Flow Performance
VRR – Voidage Replacement Ratio
WA – Well Availability
WAG – Water Alternating Gas
WAR – Well Available Rate
WDL – Well Deliverability Limit
WHFP – Well Head Flowing Pressure
WPR – Well Potential Rate
WTR – Well Technical Rate
Acronyms Used in the Oil & Gas Industry

Volumetrics (Resources/Reserves)

ARATS – Automated Reserves Audit Trail System
BCF – Billion Cubic Feet
Bg – Gas Formation Volume Factor
Bo – Oil Formation Volume Factor
EV – Expected Value
FVF – Formation Volume Factor
FWL – Free Water Level
GDT – Gas Down To
GIIP – Gas Initially In Place
GOC – Gas Oil Contact
GUT – Gas Up To
GWC – Gas Water Contact
GRV – Gross Rock Volume
HIIP – Hydrocarbons Initially-In-Place
HPV – Hydrocarbon Pore Volume
LKH – Lowest Known Hydrocarbons
Mstb – Thousand Stock Tank Barrels
MMstb – Million Stock Tank Barrels
MMscf – Million Standard Cubic Feet
N/G – Net to Gross Ratio
NHPV – Net Hydrocarbon Pore Volume
NPV – Net Pore Volume
ODT – Oil Down To
OUP – Oil Up To
OWC – Oil Water Contact
P1 – Proven (for reserves only)
P10 – Proven+Probable+Possible or 3P
P2 – Probable (for reserves only)
P3 – Possible (for reserves only)
P50 – Proven+Probable or 2P
P90 – Proven or 1P
POS – Probability of Success
RB – Reservoir Barrel
RF – Recovery Factor
SEC – Securities Exchange Commission
STB – Stock Tank Barrel
STOIIP – Stock Tank Oil Initially In Place
TCF – Trillion Cubic Feet
ULCC – Ultra Large Crude Carriers
UNFC – United Nations Framework Classification
UR- Ultimate Recovery
URF – Ultimate Recovery Factor
VLCC – Very Large Crude Carriers
Engineering

AGC – Advanced Gas Conversion
AGGI – Asab Gas Gathering & Injection
AGP – Asab Gas Plant
AIDA – Asset Integrity Data Assessment System
AIMS – Asset Integrity Management System
BACT – Best Available Control Technology
BMS – Building Maintenance Service
CA – Corrosion Allowance
CI – Corrosion Inhibitor
CS – Carbon Steel
CCR – Central Control Room
CDS – Central Degassing Station
CIMS – Corrosion and Inspection Management System
CIPS – Close Internal Potential Survey
CP – Cathodic Protection
CPP – Central Processing Plant
CRA – Corrosive Resistive Alloy
CTR – Cost, Time, Resource sheet
EPC – Engineering, Procurement, Construction
EPS – Early Production Scheme
EWDF – Effluent Water Disposal Facilities
FBE – Fusion Bonded Epoxy
FDIS- Field Data Interface System
FEED – Front End Engineering Design
FFDP – Full Field Development Plan
FP – Full Field Plan
FMEA – Failure Modes and Effects Analysis
FPS – Floating, Production, Storage and Offloading
FST – Flow Suction Tank
FTA – Fault Tree Analysis
GOSP – Gas Oil Separation Plant
GRE – Glass Reinforced Epoxy
GT – Gas Turbine
GTAU – Gas Turbine Auxiliary Unit
HDPE – High Density Polyethylene
HIC – Hydrogen Induced Cracking
IAI – Integrity Assurance Index
ICMS – Inspection and Corrosion Management System
ICS – Incident Command System
IDCS - Integrated Distribution Control System.
IMS – Interface Management Center
Acronyms Used in the Oil & Gas Industry

IMT – Incident Management Team
IPIMS - Intelligent Pigging and Inspection Management System
IPS- Intelligent Pigging Survey
LTCS – Low Temperature Carbon Steel
MOC – Management Of Change
MOL – Main Oil Line
MOPO – Manual of Permitted Operations
MPFM – Multi-Phase Flow Meter
MPP – Multi Phase Pump
NOx – Nitrogen Oxides
NRV – Non Return Valve
PFD – Process Flow Diagram
PID – Project Identification Document
PLC – Programmable Logic Controller
PMRF- Plant Modification Request Form
PP – Production Pads
PPR – Post Project Report
PSC – Positive Seal Coupling
PWRI – Power Water Re-Injection
QCAT – Quality Criticality Assessment Team
QRA- Quantitative Risk Assessment
RAMS – Remote Are Medical Services
RBA – Risk Based Audit
RBI- Risk Based Inspection
RDS – Remote Degassing Station
RFC- Ready for Commissioning
ROV – Remotely Operated Vehicle
RVP – Reid Vapour Pressure
SOW – Scope of Work
SOx – Sulphur Oxides
SMDS – Shell Middle Distillate Synthesis
SPD – Slurry Phase Distillate
SPM – Single Point Mooring
SSC – Sulphide Stress Cracking
TEG – Tri-Ethylene Glycol
TOR – Terms of Reference
TPI – Third Party Inspection
TQ – Technical Query
WIMS – Well Integrity Management System
i-Field Technologies
CWE - Collaborative Work Environment
DCSs – Decision Control Systems
DHFC - Down Hole Flow Control
DHV - Digital Hydraulic Valve
DOAMS – Digital OilField and Asset Management System
DOFF – Digital Oil Field of the Future
DSI - Discrete Smooth Interpolation
DTS – Distributed Temperature Sensor
EMI – Electromagnetic Imaging
FDIS – Field Data Interface System
IAOM – Integrated Asset Operations Module
ICD – Inflow Control Device
ICV – Inflow Control Valves
i-Field – Intelligent Field
MRC - Maximum Reservoir Contact
PDHG – Permanent Downhole Gauge
PDHMS- Pressure Downhole Monitoring System
ROSS - Remotely Operated Sliding Sleeves
RTDT – Real Time Data Transmission
RTOS – Real Time Operations Center
RTU - Remote Terminal Unit
SCADA – Supervisory Control and Data Acquisition
SCU- Surface Control Unit
SDACS - Surface Data Acquisition and Control System
SPRM – Smart Pilot Reservoir Monitoring
Information Technology

ADC - Analog-to-Digital Converter
ADSL - Asymmetrical Digital Subscriber Line
ADSM - Adstar Distributed Storage Manager
ADT – Abstract Data Type
AIDA – Asset Integrity Data Assessment System
ALU - Arithmetic Logic Unit
APC - American Power Conversion
ARM - Advanced RISC Machines
ATA - Advanced Technology Attachment
ATM - Automatic Teller Machine
AV - Audio Video
BASH - Bourne-Again Shell
BASIC - Beginners All Purpose Symbolic Instruction Code
BDC - Backup Domain Controller
BIT - Binary Digit
BMP - Bitmap
BO – Business Objects
BYTE - 8 bits
C/S - Client Server
CA - Certification Authority
CASE - Computer-aided Software Engineering
CBT - Computer Based Training
CD-I - Compact Disc - Interactive
CD-ROM - Compact Disc-Read-Only Memory
COBOL - Common Business Oriented Language
CODEC - COder DECoder
CPU - Central Processing Unit
CQI - Continuous Quality Improvement
CSV - Comma Separated Value
CU - Control Unit
DAC - Digital to Analog Converter
DB - Database
DBA - Database Administrator
DBMS - Database Management System
DDR - Double Data Rate
DHCP - Dynamic Host Configuration Protocol
DIMS – Drilling Information Management System
DIN - Deutsche Industrie Norm connector
DNS - Domain Name System
DR - Disaster Recovery
DRAM - Dynamic Random Access Memory
DRM - Digital Rights Management
DSP - Digital Signal Processor
DVD-R - Digital Versatile Disc Recordable
EDMS – Electronic Document Management System
ENIAC - Electronic Numerical Integrator And Computer
E-R Diagram - Entity Relationship Diagram
E-SPIR- e-Spare Parts Interchangeable Record
ESRI – GIS Software (ESRI)
FI – Fully Implicit
FORTRAN - Formula Translation
FSB - Front Side Bus
GB - GigaByte
GF- GeoFrame (Schlumberger)
GIF - Graphics Interchange Format
GUI – Graphic User Interface
HD - Hard Disk
HDMI - High-Definition Multimedia Interface
HTML – Hyper Text Markup Language
HTTP - Hypertext Transfer Protocol
IBM – International Business Machines
IC - Integrated Circuit
IDE - Integrated Device Electronics
IMPES – Implicit to Pressure Explicit to Saturation
IP - Internet Protocol
IPIMS - International Petroleum Industry Multimedia System (IHRDC)
IPv6 - IP version 6
IRM – Information and Records Management
ISA - Instruction Set Architecture
ISP - Internet Service Provider
IST – Information Systems and Technology
ISTD – Information Systems and Technology Division
IT - Information Technology
JPEG - (or JPG) - Joint Photographics Experts Group
LAN - Local Area Network
LGR – Local Grid Refinement
LINUX - Linus torvalds UniX
LUN - Logical Unit Number
MAN - Metropolitin Area Network
MAXIMO – Computer Based Materials Management System (IBM)
Mb - Mega bit
MIB - Management Information Base
MP3 - Mpeg1 Layer 3
MPEG - Motion Picture Expert Group
MPI – Message Passing Information (processor communication)
NAT - Network Address Translation
NetBIOS - Network Basic Input Output System
NNC – Non Neighbor Connections
OEPS - Open EBook Publication Structure
OLE - Object Linking and Embedding
OODBMS - Object Oriented DBMS
OS - Operating System
OW – OpenWorks (Halliburton)
PCI - Peripheral Component Interconnect
PDA - Personal Digital Assistant
PDC - Primary Domain Controller
PDF – Portable Data Format (Adobe)
PEBI – Perpendicular Bisector (for simulation grids)
Pixel - Picture Element
PKI - Public Key Infrastructure
PNG - Portable Network Graphics
PPU – Pay Per User
PS3 - Play Station 3
RAD - Rapid Application Development
RAID - Redundant Array of Inexpensive (or Independent) Disks
RAM - Random Access Memory
RDBMS - Relational DBMS
RGB - Red Green Blue
RISC - Reduced Instruction Set Computer
RMS – Root Mean Square
RoHS - Restriction of Hazard Substances
ROM - Read Only Memory
SAN - Storage Area Network
SATA - Serial ATA
SCSI - Small Computer Standard Interface
SD - Secure Digital
SDHC - Secure Digital High Capacity
SDLC - Systems Development Life Cycle
SDRAM - Synchronous Dynamic Random Access Memory
SDXC - Secure Digital Extended Capacity
SMT - Surface Mount Technology
SMTP - Simple Mail Transfer Protocol
SOAP - Simple Object Access Protocol
SPARC - Scalable Processor Architecture Reduced instruction set Computer
SQA – Spatial Quality Analysis
SQL - Structured Query Language
SSL - Secure Socket Layer
TB - TeraByte
TCP/IP - Transmission Control Protocol / Internet Protocol
TIFF - Tagged Image File Format
TQM - Total Quality Management
TTL - Transistor - Transistor Logic
UDF - Universal Disk Format
UI – User Interface
UNC - Universal Naming Convention
UNIVAC - Universal Automatic Computer
UNIX – Uniple X information and computer services
UPS - Uninterrupted Power Supply
URL - Uniform Resource Locator
USPARC - Ultra Scalable Processor Architecture Reduced instruction set Computer
VAN - Vehicle Area Network
VB - Visual Basic
VPS - Virtual Private Server
WAN - Wide Area Network
WITSML – Well Information Transfer Standard Markup Language
WYSIWYG - What You See Is What You Get
WYSIWYM - What You See Is What You Model
XGA - Extended Graphics Array
Business Planning

ARPR – Annual Reservoir Performance Report
BP – Business Plan
CAR – Corporate Activity Report
CFDP – Conceptual Field Development Plan
DCC – Decision Cycle Compression
e-JMC – Electronic JMC
EOFL – End of Field Life
ERP – Enterprise Resource Planning
FFD – Full Field Development
FFDP – Full Field Development Project
FP – Finance Proposal
JIP – Joint Industry Project
JMC – Joint Management Commission
IAG – Integrated Asset Group
IAM – Integrated Asset Meeting
LTDP – Long Term Development Plan
MPAP – Major Project Approval Process
MSC – Maximum Sustainable Capacity
NFA – No Further Activity
NFI – No Further Investment
PID – Project Identification Document
RFC – Ready for Commissioning
SOR – Statement of Requirements
TOR – Terms of Reference
Human Resources/People Development

A&V – Assessment & Verification Process
AAF – Access Authorization Form
ACL – Access Control List
AUP – Advanced University Placement (PI)
BPSM – Best Practices Skill Management Team
BPSM- – Best Practice Skill Management Team
BSc – Bachelor of Science
CAC – Competence Assurance Coordinator
CAMS – Competence Assurance Management System
CBT – Computer Based Training
CDC – Career Development Center
CLRC – Career Ladder Review Committee
COPs – Codes of Practice
CSM – Colorado School of Mines
DCE – Direct Contract Employment
DFW – Development Framework
DHE – Direct Hire Employment (Indefinite contract)
DOB – Date of Birth
DOE – Date of Engagement
EAF – Employee Assessment Form
ECR – Employment Change Request
ERP – Experienced Retention Position
ETP – Experience Transfer Position
F2F – Face to Face (interview)
FTE – Full Time Equivalent
IATEFL – International Association of Teachers of English as Foreign Language
ILC – Independent Learning Center (PI)
IPIMS – International Petroleum Industry Multimedia System
IRC – i-Recruitment Code
IUC – Inter University Center (PI)
JG – Job Grade
KTP – Knowledge Transfer Position
LMS – Learning Management System
MEng – Master of Engineering
MPhil – Master of Philosophy
MSc- – Master of Science
NRC – National Recruitment Center
NTK – Need to Know (workshops)
OBC – Onboarding Course
OJT – On the Job Training
P2P – Phone to Phone (interview)
Acronyms Used in the Oil & Gas Industry

PCR – Performance and Career Review (Staff Appraisal)
PDP – Personal Development Plan
PEP – Performance Enhancement Program
PESS – Petroleum Engineering Summer School
PG – Personal Grade
PhD – Doctor of Philosophy
PI – Petroleum Institute
PIRC – PI Research Center
PLRC – Professional Ladder Review Committee (old designation for CLRC)
PMP – Performance Management Program
PTW – Permit to Work
SIG – Special Interest Group (PI)
SMAC – Specific, Measurable, Achievable and Challenging (for personal targets)
SMART - Specific, Measurable, Achievable, Realistic and Time-Based
TAS – Time Attendance System
TC – Temporary Contract (Consultants, Lump sum package)
TFG – Technology Focus Group
TRC – Takreer Research Center
VLRC – Virtual Learning Reality Center
Meetings/Workshops/Peer Reviews

DCC - Decision Cycle Compression
FINCO – Finance Committee
IAG – Integrated Asset Group
IAM – Integrated Asset Meeting
ISH – Industry Shareholder
JMC – Joint Management Commission
LTCW – Long Term Capacity Workshop
MCM – Monthly Coordination Meeting (between the Fields and Asset Teams)
NTK – Need to Know
PDISC – Petroleum Development Integrated Sub-Committee Meeting
SH – Shareholder
TBA – To Be Announced
TCM – Technical Committee Meeting
TFG – Technology Focus Group
VAR – Value Assurance Review
Quality Assurance

BSC – Balance Score Card
EPM – Enterprise Project Management
FFDP – Full Field Development Plan
KPI – Key Performance Indicator
MPAP – Major Project Approval Process
QCAT – Quality Criticality Assessment Team
TFG – Technology Focus Group
HSE

ABLJ – Adjustable Buoyancy Life Jacket
AED – Automated External Defibrillator
AFFF – Aqueous Film Forming Foam
AGG – ADNOC Group Guideline
ALARP- As Low As Reasonable Possible
ALARP Risk- As Low As Reasonably Practical Risk
AQMS – Air Quality Management System
BBS – Behavioural Based Safety
BOD – Biological Oxygen Demand
BPEO – Best Practice Environmental Option
CCS – Carbon (CO2) Capture & Sequestration
CCP – Corporate Crisis Plan
CCT – Corporate Crisis Team
CFC – Chloro Fluoro Carbons
CMP – Crisis Management Plan
CMT – Crisis Management Team
CPR – Cardio Pulmonary Resuscitation
COD – Chemical Oxygen Demand
COMAH- Control Of Major Accidents Hazards
COP G/L – Codes of Practice Guideline
COPs – Codes of Practice
COSHH – Control of Substances Hazardous to Health
ECC – Emergency Control Center
EDSS – Environment Decision Support System
EIA - Environmental Impact Assessment
EIS – Environmental Impact Statement
EL – Exposure Limit
ELV – Emission Limit Value
EMAS – Environmental Management Accreditation System
EMS – Environment Management System
EQS - Environmental Quality Standards
ER- Emergency Response
ERC – Emergency Response Centre
ESD- Emergency Shut Down System
FAC – First Aid Case
FAR – Fatal Accident Rate
FEA – Federal Environmental Agency
FRA – Fire Risk Assessment
FRP – Facility Response Plan
FSA - Fire Safety Assessment
GHG – Green House Gas
GHSEC – (ADNOC) Group HSE Committee
Acronyms Used in the Oil & Gas Industry

GIS – Geographic Information System
GPS – Global Positioning System
GRACE – Grangemouth Advanced CO2 Capture
GRMD – (ADNOC) Group Risk Management Division
H2S – Hydrogen Sulfide
HACCP – Hazard Analysis & Critical Control Point
HAVS – Hand Arm Vibration Syndrome
HAZAN – Hazard Analysis
HAZID – Hazard Identification
HAZOP – Hazard and Operability
HCFC – HydroChloro Fluoro Carbons
HEARTS – HSE Electronic Analysis Reporting & Tracking System
HIPS – High Integrity Protection System
HMI- Human Machine Interface
HRA – Health Risk Assessment
HS – Health Surveillance
HSE- Health, Safety and Environment
HSECES – Health, Safety, Environment, Critical Equipment and Systems
HSEIA – Health, Safety, Environment and Impact Assessment
HSEMS- Health, Safety and Environment Management System
HSMP – Heat Stress Management Program
HTV – Hand Transmitted Vibration
HVEC – High Voltage Electrical Certificate
ICS – Incident Command System
IDCS- Integrated Distribution Control System
IDLH – Immediate Danger to Life and Health
IMC – Interface Management Center
IMS – Integrity Management System
IMT – Incident Management Team
IPPC- Integrated Pollution Prevention and Control
IRIC – Initial Response Incident Commander
ISM – International Safety Management
ITOPF – International Tanker Owners Pollution Federation
IVMS – In Vehicle Monitoring System
IVR – Incident Verification Report
JSA – Job Safety Analysis
LD – Liquidated Damage
LDAR – Leak Detection and Repair
LOC – Loss of Containment
LRTAP – Long-Range Transboundary Air Pollution
LSA – Low Specific Activity scale
LST – Life Support Technician (in diving operations)
LTI – Lost Time Injury
LTIF – Lost Time Injury Frequency
LTIS – Lost Time Injury Severity
LWC – Lost Workday Case
MDC – Message Distribution Center
MDHS – Methods for the Determination of Hazardous Substances (UK-HSE)
MEL – Maximum Exposure Limit
MODU – Mobile Offshore Drilling Unit
MSDS – Material Safety Data Sheets
MSV – Multi-Support Vessel
MTC – Medical Treatment Cases
NEFR – Noise Exposure Frequency Rate
NORM – Natural Occurring Radioactive Material
OEL – Occupational Exposure Limit
OES – Occupational Exposure Standard
OH – Occupational Health
OHRA – Occupational Health Risk Assessment
OHRM – Occupational Heath Risk Management
OHSAS – Occupational Health and Safety Assessment Series
OSRC – (ADNOC) Oil Spill Response Centre
PEL – Permissible Exposure Limit
PLL – Potential Loss of Life
POP – Persistent Organic Pollutant
PPC – Pollution Prevention and Control
PPD – Permanent Partial Disability
PPE – Personal Protective Equipment
PTD – Permanent Total Disability
QRA – Quantitative Risk Assessment
RAMS – Remote Are Medical Services
RBA – Risk Based Audit
RBI – Risk Based Inspection
RoHS – Restriction of Hazard Substances
RPE – Respiratory Protective Equipment
RPP – Respiratory Protection Program
RSI – Repetitive Strain Injury
RSMS – Road Safety Management System
RTA – Road Traffic Accident
SAR – Search and Rescue
Acronyms Used in the Oil & Gas Industry

SD – Surface Decompression
SELV – Safety Extra Low Voltage
SIL – Safety Integrity Level
STEL – Short Term Exposure Limit
SWL – Safe Working Load
TENR – Technologically Enhanced Natural Radiation
THSE – Technical HSE
TLV – Threshold Limit Value
TPI – Third Party Inspection
TRA – Task Risk Assessment
TRIR – Total Reportable Injury Rate
TSA – Technical Safety Audit
TWA – Time Weighted Average
UTM – Universal Transverse Mercator
VAFR – vehicle Accident Frequency Rate
VDU – Visual Display Unit
VOC – Volatile Organic Compounds
WBV – Whole Body Vibration