Well Planning, Construction & Design Catalogue

Revision 1.1, 11th September 2009

By Peter Aird

Kingdom Drilling Services Ltd

www.kingdomdrilling.co.uk

Table of contents

Disclaimer

General Safety Standards

This documents figures, table's text or calculations, do not represent any specific safety standard, nor regulation, and create no new or otherwise legal obligations.

Their intent is to serve only as an well planning, design, construction and drilling or well operations advisory guides, where all informational contained in content is intended to assist employers and employees in providing a safe, healthful and environmentally complaint workplace, or through effective prevention assurance programs adapted to the needs of each place of employment tools, equipment, practices and procedures used.

Health Acts will exist in each specific operating region, location and/or environment and will require employers and employees to comply with hazard-specific safety and health standards. In addition, employers must provide their employees with a workplace free from recognized hazards likely to cause equipment failure malfunction, injury, serious loss or physical harm.

Employers can also often be cited for violating statutory rules and regulations if there is a recognized hazard that they then do not take steps to prevent or abate the hazard. However, failure to implement such guidelines is not, in itself, a violation.

Oil and Gas Industry Disclaimer

Although the document was developed from recognized and credible sources, it is not to be construed as an industry consensus standard as indicated in the following disclaimer.

"Nothing contained herein shall be construed to establish an industry-accepted standard of well design, construction, drilling or energy servicing safe operating procedures.

No suggested method, practice, precaution or program set forth in this guide should be relied upon to establish a legal standard of conduct or a legal duty, the violation of which would constitute culpability of any degree in any legal proceeding.

Information and/or data provided is for informational assistance only and should not be utilized or considered as a comprehensive safety and health program or accepted industry standard.

Kingdom Drilling Services Ltd, August 2009

W1. Well planning, construction & design

Table 1: Well planning, construction and design aids to delivering your well's needs

Cat No	File Description	Size Type	Admin Cost
W1	**Introduction and outline to well design**. Outline document to well planning, construction and design aspects.	1.5mb 37pages	$5.00
W2	**Well design and planning compilation** of twelve (12) worksheets, templates, and checklists etc typically used in well planning**.** Useful starter pack for the new drilling engineer	730kb 54pages	$7.50
W3	**End of well report template example**. Example of a typical end of well report template file.	67kb 50pages	$3.00
W4	**Best practice guide to the selection of materials for down-hole equipment**. Excellent document outlining how to select the right materials for down-hole component items.	155kb 43pages	$6.50
W5	**Well examination Scheme example** guidelines to a typical well examination scheme. Even if its not required in your operating area still a useful assurance check to conduct.	118kb 23pages	$2.00
W6	Typical well planning, design and construction **Hazard and risk management guidelines**	136kb 16pages	$2.00
W7	**Well design workbook** typical development drilling project workbook ready to be applied as a template for a drilling project.	177kb 66pages	$8.00
W8	**Well plan template** useful file that can be used to outline a new well plan in the details required.	64kb 35pages	$4.00
W9	**Drilling operations planning checklist** example file.	34kb 5pages	$1.50
W10	**Pre-drilling program**, **meeting agenda** template file outlining what you should be considering to gather and collate at the beginning of a well planning process.	70kb 7pages	$1.50
W11	**Land rig; End of well report template example**. Example of a typical end of well report template file.	546kb 68pages	$5.00
W12	**End of well Post-Mortem template:** Template power point file outlining how to present your post mortem meeting,	103kb 22slides	$3.00
W13	**Drilling Project Summary template:** Template power point file outlining how to present and summarise your drilling project.	83kb 12slides	$2.00
TA1	**Well planning and process articles:** Three articles highlighting the importance of well integrity and well planning processes**.**	47kb Excel	$3.00

Well Planning, Construction & Design

E01	Excel spreadsheet, **Project 'Jobs to do list' template** file.	21kb Excel	$1.50
E02	**Well data form template** that can be used and tailored to evaluate rig operating performance and loss aspects within a well tendering process.	26kb Excel	$2.00
E03	**Well planning and drilling Cost request data sheets**. Template examples of what is needed for various types of cost sheets and data a drilling engineer must prepare.	55kb Excel	$3.00
E04	**Well Riser Analysis Questionnaire**: For an offshore subsea well this analysis is often required. This file outlines a typical template of all the data needed and required to provide to the third party company conducting such an analysis	1058kb Excel	$2.00
E05	**UK well planning sheets examples** outlines the work-scope a drilling engineer needs to do during the planning of a well and regulatory standards required to be met (UK example)	40kb Excel	$4.00
E06	**Offshore Well planning summary example**: Two worksheets presenting a well design summary for two different wells. Again that can be used as a template for a similar offshore well.	84kb Excel	$3.00
E07	**Well basis of design well planning and design summary.** Excellent illustration how your well can be summarised as per the worksheets attached in this file.	834kb Excel	$3.00
E08	**Wall chart well planning summary** example for an offshore well	218kb Excel	$3.00
E09	**Spud list:** Typical materials list compiled for a offshore well. An essential requirement for any well.	86kb Excel	$2.00
E10	**Spud list slim hole:** Typical materials list compiled for a offshore well. An essential requirement for any well.	60kb Excel	$3.00
E11	**Well plan & Drill eng performance template.** How do you measure the performance or loss of your wells. This file outlines a method to do this using an excel spreadsheet.	172kb Excel	$3.00
E12	**Days vs. Depth example land operations.** Four worksheet outlining how days versus depth lessons learned can be tracked during drilling a well as illustrated in this example.	646kb Excel	$5.00
E13	**Weekly Performance sheet:** Excellent example template how one can measure progress, and present well performance or loss on a weekly basis.	88kb Excel	$2.00

W2 Geology & Geo-science

Table 2: >800pages of Geology & Geo-science data to make better quality hole!

Cat No	File Description	Size Type	Admin Cost
W1	**Introduction to drilling & well completions**. A chapter from a educational Petroleum handbook used for training and development. An excellent introductory read in these subject matters.	987kb 24pages	$2.50
W2	**Introduction to the Petroleum industry:** Written in 1991 for educational training purposes at a School of mines. Another document to learn and be educated to Petroleum fundamentals.	2.7mb 106pages	$5.00
W3	**Drilling Geology**. A guide to what personnel should be aware and knowledgeable of in regards to Drilling Geology aspects that exist. **Recommended** for the non subsurface or non-technical persons.	1.4mb 185pages	$8.50
W4	**Addressing shallow hazards**. Written specifically for deepwater but applicable for all offshore wells. This file documents shallow hazards aspects to be considered in planning and during the drilling process.	85kb 19pages	$3.00
W5	**Petrology of Sedimentary rocks. Highly recommended** for senior drilling personnel. I wish I had this document when I was starting out to better understand the petroleum rocks and key aspects to drill them from a G&G perspective.	32.8mb 185pages	$15.00
W6	**Porosity, permeability's and skin factor.** Absolute fundamentals of drillers and non technical personnel to understand when drilling through rocks in the ground. **An absolute essential for drillers.**	958kb 27pages	$2.50
W7	**Introduction to deepwater sediments.** Introductory file aimed for non subsurface or technical personnel outlining what makes deepwater sediments so different to drill.	697kb 19pages	$2.50
W8	**Drilling Geology compilation.** 44pages of how oil is formed, migration, and some other key G&G fundaments for the non technical persons.	3mb 44pages	$4.00
W9	**How Oil is formed.** Written in 1953, this document has 8 chapters outlining in more depth to Petroleum and Geological aspects to then comprehend and translate into the context of oil well drilling.	17.6mb 251pages	$12.50
W10	**Appraisal data collection.** An interesting compilation of pages of what data is to be considered when appraisal oil wells and the processes and key aspects to consider in the context of this.	3.2mb 11pages	$2.00
W11	**Gas definitions.** Paper illustrating the fundamental principles and explaining theoretical gas detection response to the penetration of a hydrocarbon transition or bearing zone. **Highly recommended.**	994kb 20pages	$2.50

W3 Pressure and stability management

Table 3: Wellbore Pressure & stability essentials for drilling and non technical persons

Cat No	File Description	Size Type	Admin Cost
W1	**Drilling engineering introduction to Geo-mechanics**. Chapter from a University's MSC drilling engineering manual for educational, training and development purposes. A starting read for this subject.	922kb 24pages	$2.50
W2	**Wellbore stability and pressure management** presentation as used in and presented in a typical drilling training course syllabus.	786kb 39slides	$4.00
W3	**Introduction to wellbore stability** aspects. Excellent starter for 10 for drilling persons to understand the fundamental to drilling and maintaining a good wellbore i.e. essential to staying out of trouble!	276kb 18pages	$2.50
W4	**Rock Mechanics in wellbore construction**. A appropriate chapter from a Petroleum well handbook intended for training, education and development purposes.	1.74mb 67pages	$6.50
W5	**Extended leak off tests X-LOT.** A practical and useful guideline to aspects of conducting extended leak off tests.	71kb 15pages	$2.00
W6	**Introduction to Shales problems.** A basic yet fundamental guide outlines typical Shale problems and how these can be managed and mitigated.	127kb 12pages	$2.00
W7	**Guide to Shale problems.** A more in depth and detailed document outlining Shale problems and the management and control of these.	492kb 66pages	$8.00
P1	**Pore and fracture pressure introduction. Highly recommended** outlining document presenting all the key and essential aspects of pore & fracture pressures for drilling and non technical persons.	698kb 47slides	$6.00
P2	**Three page checklist** to enable determine and evaluate pore pressure aspects in the context of oil well drilling	27kb 3pages	$1.50
P3	**Introduction to pore pressure management. Highly recommended** outlining document presenting all the key and essential aspects of pore pressure management for drilling and non technical persons.	974kb 104pages	$8.50
P4	**Drilling guidelines** when drilling and managing operations in pore pressure transition zones	104kb 16pages	$2.00
P5	**Geostatic Gradient.** Extract from a well control manual outline how to determine the Geostatic or overburden gradient and a few other pressure essentials.	26kb 9pages	$1.50
P6	**Downhole pressure while drilling sub.** Article outlying key aspects benefits and uses of a down-hole annular pressure while drilling tool.	171kb 17pages	$2.00
T01	**3rd party wellbore stability poster**	6.5mb	$2.50

W4 Casing & Tubular design

Table 4: >300pages on Casing & Tubular design plus worksheets and examples.

Cat No	File Description	Size Type	Admin Cost
W1	**Introduction to casing design**. Casing design document outlining all the key basic fundamentals for a drilling engineer to design casing.	832kb 106pages	$25.00
W2	**Drilling Engineering casing design.** Chapter from University's MSC drilling engineering manual for educational, training and development purposes. A starting read for this subject.	3.65mb 38pages	$5.00
W3	**Managing and mitigating casing wear:** Excellent practical set of guidelines for monitoring and managing casing wear and what to be aware off on your wells.	74kb 10pages	$2.50
W4	**Offshore casing design example.** Worked casing design example to meet a typical offshore well conditions, environments and design requirements	44kb 10pages	$2.50
W5	**Offshore subsea well casing design example.** Worked casing design example to meet a typical offshore subsea well conditions, environments and design requirements	145kb 28pages	$2.50
W6	**Offshore subsea well casing design example. A further** Worked casing design example to meet a typical offshore subsea well conditions, environments and design requirements	151kb 34pages	$2.50
W7	**Drilling riser check list.** Comprehensive list of all the aspects one needs to consider and data to gather to conduct a riser analysis	29kb 9pages	$2.00
W8	**Offshore conductor typical basis of design** example document	57kb 11pages	$2.00
W9	**Casing design check list.** Useful check list template	66kb 2pages	$1.50
W10	**Introduction to drillstring design.** Chapter extracted from a MSC drilling engineering program outlining how to design ones drillstring. Highly recommended for drilling and non technical persons.	2.9mb 32pages	$5.00
W11	**Casing design checklist template.** This is exactly as stated.	2pages	$1.50
E01	**Excel Casing design example**	20kb Excel	$3.00
E02	**Conductor piling worksheet**	17kb Excel	$2.00
T1	**Wellhead growth index aids multi-string casing design.** Article outlining Wellhead Growth Index (WHI) allows engineers to design multi-string casings more effectively.	253kb 6pages	$1.50
T2	**Conductor service life** article discussing key aspects of conductor design selection and installation**.**	116kb 4pages	$1.50
T3	**Annulus Burst** article outlining what well engineers should be engineering and planning to avoid on wells.	112kb 11pages	$1.50

W5 Drill bits, BHA & drillstring design

Table 5: >350pages and 200slides on Drill bits BHA selection and design

Cat No	File Description	Size Type	Admin Cost
W1	**Drilling Engineering; Introduction to Drill Bits**. Chapter from University's MSC drilling engineering manual for educational, training and development purposes. A starting read for this subject	903kb 21pages	$4.00
W2	**Rotary rock bit fundamentals.** Document I compiled many years ago outlining roller cone bit fundamentals and operating aspects.	340kb 58pages	$5.50
W3	**IADC roller cone bit classification presentation** A good starting introductory presentation to classifying and grading bits.	2.8mb 41slides	$3.00
W4	**Roller cone bits presentation** A good starting introductory presentation to Roller cone bits.	44slides	$3.00
W5	**Fixed cutter bits presentation.** A good starting introductory presentation to PDC bits.	77slides	$5.00
W6	**PDC fundamentals** Compiled this is 1996 but still a good starting introductory read to PDC bits.	51pages	$5.00
W7	**Drill bit design and general practices,** Overview, bit design, bit selection and application from a leading manufacturers training and educational documents.	92pages	$8.00
W8	**Surface equipment pressure loss tables.** Easy to use table to determine surface pressure losses when pumping.	1page	$1.50
W10	**Bit calculations optimisation examples.** Examples to illustrate metrics to consider when optimising bits	12pages	$2.00
W11	**Compilation of interesting articles** on drill bits relevant to operating practices and procedures.	41pages	$4.00
E01	**Bits stuff Excel workbook.** Good reference file to have on your PC	102kb Excel	$3.00
E02	**Bits and BHA design well design workbook example.** Contains 5 useful worksheets fully illustrated to optimise bits, BHA selection and design etc.	90kb Excel	$3.50

W6 Drilling fluids engineering and design

Table 6: >1,250pages on Drilling fluids engineering and design, with executable programs

Cat No	File Description	Size Type	Admin Cost
W1	**Drilling fluids basis of design example** highlighting how a typical mud programs is planned engineered and designed for specific wellbore hazards risk and operating conditions	242kb 64pages	$3.00
W2	**Drilling fluids program Irian Jaya Indonesia** highlighting how a typical mud programs is planned engineered and designed for specific wellbore hazards risk and operating conditions	102kb 27pages	$3.00
W3	**Offshore well Mud program summary.** Typical mud program summary as illustrated in this file for an offshore well.	34kb 8pages	$1.50
W4	**Barite sag** how sag occurs and how to manage and avoid this in this simple guide.	101kb 9pages	$2.50
W5	**MUD program design and calculations worksheet example illustrating in this case a water based,** silicate based mud	Excel workbook	$5.00
W6	**Introduction to solids** removal outlining solids control from an introduction to more descript level	404kb 32pages	$4.50
W7	**Mud contaminants document** to educate an awareness of what can go wrong with your mud and how to avoid this.	146kb 19pages	$2.50
W8	**Hydrate handbook. All one wants to know and more about hydrates is contained within this document.**	2.05mb 253pages	$12.50
M01	**Drilling fluids handbook** compiled from a major mud company outlining key essential to mud, fluids and solids management	3.1mb 504pages	$2.50
M02	**Drilling Fluid Manual READ ONLY** compiled from a bought out company this document further outlines key essential to mud, fluids and solids management.	3.4mb 426pgaes	$2.50

W7 Cementing fluids engineering & design

Table 7: More than 250pages of cementing, fluids, engineering and design contents.

Cat No	File Description	Size Type	Admin Cost
W1	MSC drilling engineering chapter entitled **Cementing introduction**. A good place to start to begin to understand and comprehend the science of oilfield cementing, applications practices and techniques.	**1.56mb** 33pages	$4.00
W2	**Primary Cementing theory and practices**. Expanding more on previous document this educational document provides more insight and depth into primary cementing.	**1.92mb** 65pages	$6.50
W3	**Cement plug guidelines.** This document outline pretty much all one needs to know about cement plugs.	**1.29mb** 36pages	$4.00
W4	**Optimising cementing.** A 15pages guide to outline the key rules, guidelines and aspects to an optimised cement job**.**	**56kb** 15pages	$2.00
W5	**Cement-Sheath Evaluation guide.** How to evaluate cement jobs. This educational chapter presents and in depth overview into exactly this.	**1.78mb** 45pages	$5.00
W6	**Cementing design example.** Taken from a deepwater drilling program this presents how cement jobs are planned designed and guidelines provided for a typical offshore well	**122kb** 35pages	$3.00
W7	**Remedial Squeeze plug cementing guide. Need to remediate a cement job or wellbore problem?** This educational chapter presents and in depth overview into exactly this.	**990k** 48pages	$5.00
E01	**Three worksheets** outlining typical well planning cement data input and evaluations required to plan a cement program off a well.	55kb Excel	$3.00
E02	**Cement Plug Report.** Blank template of a typical cement report.	53Kb Excel	$2.00

W8 Hydraulics and wellbore cleaning

Table 8: >120pages to digest on planning Hydraulics and wellbore cleaning aspects

Cat No	File Description	Size Type	Admin Cost
W1	**Hydraulics & hole cleaning introduction.** Introduction to hydraulic, hole cleaning, flow regimes, fluid models, guidelines and key aspects to consider to clean vertical and deviated wellbores. etc**.**	**936kb** 17pages	$2.50
W2	**Hole cleaning in directional wells presentation.** Well illustrated presentation with notes to support first introductory file.	**186kb** 23slides	$3.00
W3	**Well planning for optimal hole cleaning.** 9 pages guideline of things to consider to clean you wellbores while drilling or when tripping.	**46kb** 9pages	$1.50
W4	**Drilling Engineering Hydraulics with examples.** MSC standard chapter on drilling hydraulics, more than enough to get you started to fully understand drilling hydraulics and hole cleaning.	**1.38mb** 77pages	$7.50
W5	**Operations planning for optimal hole cleaning.** Another set of guidelines and considerations important to wellbore quality management and notable cleaning ones wellbores.	**195kb** 21pages	$2.50
W6	**Hole cleaning checklist.** A two page quick check list that can be used as a template for similar uses.	**17kb** 2pages	$1.50
W7	**Hole cleaning efficiency paper.** An article outlining a very simple practical method successfully used to evaluate, identify and recognised early hole cleaning efficiencies or not.	**29kb** 3pages	$1.50
W8	**Extended reach drilling 'ERD'** Hole cleaning guideline checks	**67kb** 2pages	$1.50

W9 Vertical, directional & horizontal drilling

Table 9: Vertical, directional and horizontal drilling

Cat No	File Description	Size Type	Admin Cost
W1	**Intro to directional drilling,** Good introductory slide to directional drilling for the non initiated or non technical persons covering most subject matters tools, technologies and techniques.	**5.56mb** 87slides	$7.50
W2	**Drilling Engineering Directional drilling & deviation control.** Good starter if you want to comprehend this subject matter in a more engineered depth and understanding.	**1.12mb** 30pages	$4.00
W3	**More Directional drilling educational training.** Another excellent educational document outlining key fundaments required to understand directional drilling design aspects.	**1.63mb** 59pages	$6.50
W4	**Why directional drill** presentation illustrating what drives such needs and how this is achieved.	**614kb** 39slides	$2.50
W5	**Rotary steerable systems** compilations outlining these tools, benefits advantages etc.	**189kb** 12pages	$1.50
W6	**Introduction to a rotary steerable system.** i.e. Autotrack.	**183kb** 15slides	$1.50
W7	**Directional drilling through Salt article**	**177kb** 2pages	$1.50
W8	**How to drill a useable hole.** Drilling is all about the wellbore quality DELIVERED. This document is the classify read to how this can be delivered.	**1.2mb** 30pages	$3.50

W10 ERD, Horizontal & multilateral wells

Table 10: ERD, Horizontal and multilateral wells.

Cat No	File Description	Size Type	Admin Cost
H1	**Horizontal drilling introduction 1.** Technical articles form the middle east providing a basis to more fully understanding the ins and out of horizontal well drilling and fundaments.	**456kb** 8pages	$1.50
H2	Education document outlines key well planning, design and engineering aspects of **Horizontal, Multilateral and Multi-branch wells**	**2.1mb** 59pages	$4.00
H3	**Horizontal drilling technical files compilation.** Four articles compiles to outline Importance of preventing formations damage, drill fluids and other operational aspects to consider in horizontal wells.	**114kb** **2**9pages	$2.50
H4	**Horizontal reservoir damage article**	**10kb** 2pages	$1.00
H5	**Horizontal drilling economic review study** This paper is a review of horizontal well drilling technologies.	**127kb** 30pages	$3.00
H6	Two page guideline for setting cement plugs in high angle and or horizontal wellbore.	**19kb** 2pages	$1.50
H7	**Multilateral technologies Middle East**	**177kb** 2pages	$1.50
H8	**ERD guidelines.** 5 sections covering ERD drillstring design, ERD hole cleaning, operations and case studies, tubular design and running guidelines, emerging technologies	**648kb** 110pages	$15.00
H9	**ERD compilation of case studies and files.** Compilation of 8 articles capturing what being delivered and challenges to be met in this operating environment	**4.89mb** 57pages	$6.00
H10	**ERD Presentation 2007 how far can we go.** Merlin ERD presentation outline current and future views challenges to be met in such drilling application	**1.31mb** 30slides	$5.00

W11 Deepwater well design

Table 11: Deepwater well design

Cat No	File Description	Size Type	Admin Cost
D1	**Intro to Deepwater Well Design.** Overview of well construction of a deepwater well for drilling engineers and no technical drilling persons.	**463kb** 25pages	$5.00
D2	**Intro to deepwater sediments.** A basic introduction to deepwater essential drilling and geological environments and difference for the non drilling or technical persons.	**698kb** 16pages	$2.50
D3	**Geological & shallow hazard assessment.** This was constructed with the aid of a geo-science specialist to outline and understand methods and techniques employed and to be considered when addressing shallow subsurface Hazards and risk that may exist.	**169kb** 37pages	$7.50
D4	**Shallow water flow study.** Research report investigating shallow water flows in the gulf of Mexico.	**21.78mb** 86pages	$3.00
D5	**Deep water risk analysis.** Document outlining how a deepwater hazard and risk assessment process can be simply constructed and tailored for each individual project.	**128kb** 15pages	$1.50
D6	**Deepwater drilling performance fundamentals**. Generic set of Drilling operational rules of thumb and guidelines to consider to apply when drilling in deepwater operating environments.	**296kb** 63pages	$5.50
D7	**Deepwater drilling issues.** Document written to try and capture the essential differences and key operational aspects of drilling and operating in deepwater environment.	**133kb** 21pages	$2.50
D8	**Casing, Riser and conductor design examples**. Three articles of case study examples to outlining some of the issues when designing conductors and casing strings for deepwater wells.	**90kb** 30pages	$5.00
D9	**Deepwater Conductor Jetting.** Case study of a how a conductor was jetted in an offshore deepwater river delta.	**125kb** 20pages	$3.00
D10	**Deepwater cementing offshore Norway.** Case study report outlining how a Ultra deepwater well offshore Norway was cemented,	**83kb** 7pages	$1.50
D11	**Deepwater abandonment.** Introductory guideline to abandoning deepwater wells.	**22kb** 5pages	$1.50
D12	**Managing deepwater developments.** Ten page overview as to drivers bind managing large project sand how development have to be phased, costs economic considerations etc.	**66kb** 10pages	$1.50
D13	**Deepwater well control compilation.** A selected 13 articles to provide adequate information as to the hazards and risk o well control issues when operating in deepwater environments	**1.53mb** 87pages	$7.50
D14	**Deepwater technical files compilation.** Compilation of 15 files useful to add to your deepwater well planning well planning, design and construction portfolio.	**3.81mb** 139pages	$15.00
D15	**Surface BOP operations 'SBOP' n deepwater.** Compilation of articles and documents to outline this adaptive approach to deep[water exploration, appraisal and now development for the future.	**6.9mb** 68pages	$7.50
D16	**Surface BOP operations 'SBOP' n deepwater. Further** Compilation of articles and documents to outline this adaptive approach to SBOP.	**768kb** 30pages	$4.00

W11 Deepwater well design *(continued)*

Cat No	File Description	Size Type	Admin Cost
E1	**Dual activity ops plan example.** Planning some dual activities this worksheet from a well drilled using two derricks outlines all the key aspects one needs to put into the planning and execution phases.	**1.45mb Excel**	$5.00
E2	**Deepwater well data sheet example**, If you are going out to tender assure drilling contractor fills in a data sheet form as per example attached.	**25kb Excel**	$2.50
E3	**DW well timing estimates.** Time estimator compiled to review subsea, DP, moored and surface BOP rigs to get an idea to well operational timings etc.	**48kb Excel**	$2.50
E4	**Offshore well execution.** 4 daily activity worksheets example for a typical deepwater well.	**553kb Excel**	$3.50
E5	**WELL PROGRAMME geology schematic.** Geological schematic to illustrate the G&G and requirements needed from an Ultra deep water well.	**59kb Excel**	$3.00
R1	**Deepwater Rig & equipment selection.** Slide presentation outlining how to go about selecting a deepwater rig for specific operating environments or working requirements.	**2.79mb** 48 slides	$5.00
R2	**Deepwater Rig improvement opportunities.** Slide presentation illustrating where technologies are advancing and requirements to improve rig efficiencies on deepwater drilling vessels, systems.	**3.46mb** 45 slides	$4.50
R3	**Deepwater sub sea capital equipment**. 22 slides illustrating key deepwater subsea capital equipment items. God introduction for the non technical person.	**2.1mb** 22 slides	$2.50
R4	**Deepwater rig equipment & technologies compilation.** 4 articles compiled covering this subject matter.	**539kb** 26pages	$2.50
R5	**Deepwater is it worth it?** reviewing deepwater drilling applications, technologies and technologies adaptations perhaps needed for this environment.	**1.21mb** 55pages	$5.50
R6	**Deepwater eqpt rigs & systems compilation.** 22 articles compiled in regards to deepwater rigs, equipment systems and requirements,	**2.21mb** 100 pages	$7.50

W12 HPHT well design

Table 12: High pressure high temperature well design

Cat No	File Description	Size Type	Admin Cost
H1	**HPHT deepwater drilling & completion gaps.** A study aimed to identify, understand, and prioritize gaps that exist between current capabilities and required capabilities to drill and complete the defined HPHT and in this case deepwater wells. The aim to allow those involved in these projects to develop project scope, time, and cost proposals to close identified gaps	**1.35mb** 183pages	$15.00
H2	**High pressure, high temperature developments in the United Kingdom**. 2004 UK (HSE) commissioned report in respect of high pressure, high temperature (HPHT) developments in the UK Continental Shelf (UKCS).	**670kb** 62pages	$4.00
H3	**HPHT Offset well data example.** Example compilation of offset wells data gathering required in the initial stages of a well design and construction process**. A vital document often overlooked!**	**670kb** 23pages	$3.50
H4	**HPHT Offset well data example**. Recent comprehensive example of a detailed HPHT casing design report.	**6.5mb** 79pages	$12.50
H5	**HPHT land well casing design.** HPHT casing design example for a land well SE Asia.	**77kb** Excel	$4.50
H6	**HPHT land rig Planning Requirements.** HPHT land based well, rig and well planning, operations checklist example.	**77kb** 8pages	$1.50
H7	**HPHT cementing guidelines.** Compiled as part of a MSC coursework exercise this document outlines some of the key cementing design and operational aspects to consider when planning for a HPHT well.	**106kb 19**pages	$2.50
H8	**HPHT drilling fluids guidelines.** Mud selection and maintenance are essential to the successful drilling of an HTHP well. This document outlines some of the key differences and aspects to consider in designing fluids to meet operational requirements.	**91kb** 17pages	$2.50
H9	**HPHT offshore well plan work-scope.** Comprehensive set of worksheets illustrating all the various work scope aspects identified for a typical HPHT well planning and exceptional process. Can readily be adapted to meet a specific project needs.	**132kb** Excel	$7.50
H10	**HPHT well planning design workbook.** Series of worksheets illustrating a typical offshore HPHT well plan details, data gathered and well design compiled form these. Again a useful example for anyone beginning o start the planning of an HPHT well.	**750kb Excel**	$7.50
H11	**HPHT well Timings example 1.** Two worksheets outlining a typical set of operational activities to generate a typical days vs. depth HPHT plan	**55kb** Excel	$2.00
H12	**HPHT Infill well Case Study.** HPHT infill well drilled successfully in highly depleted reservoir on UKCS field	**806kb** 8pages	$1.50
H13	**Well Design Basis HPHT offshore well (for a Jack up rig.)** Typical well outline plan example and key transition and reservoir pressure graphs that clearly illustrate and highlight the central problems hazards and risk to drilling and completing HPHT wells.	**241kb** 5pages	$2.50
H14	**Well Design Basis HPHT land rig**. Typical well design basis example for a land based land rig & well.	**670kb** 13pages	$2.00
H15	**High-Pressure, High-Temperature Well Logging, Perforating and Testing.** Excellent article presenting key aspects of logging, perforating and testing HPHT wells.	**619kb** 18pages	$2.50
H16	**Drilling and Testing Hot High Pressure Wells.** Excellent article presenting key aspects of drilling and testing HPHT wells.	**1.52mb** 18pages	$2.50

H17	**Kristin Drilling and Completions Lessons**. High angle HPH presentation highlighting challenges and experiences of drilling HAHPHT sub sea drilling and completion of 15K wells.	**1.4mb** 17pages	$2.50
H18	**HPHT Nsea wells lessons learned**. Operators presentation to what are viewed and the key and central issues to the planning design construction and development of HPHT offshore wells.	**1,1mb** 17slides	$4.50
H19	**Daily drilling summaries of HPHT sections.** A 1986 offshore HPHT well's daily drilling summaries through transition and reservoir section. Ably illustrating what can be experienced and must be anticipated managed and controlled to drill these sections safely.	**455kb** 15pages	$2.50

W13 Drilling rigs and equipment systems

Table 13: Drilling rigs and equipment systems

Cat No	File Description	Size Type	Admin Cost
R1	**Drilling Engineering, Rotary drilling rig** chapter extracted from a MSC drilling engineering program. A good introductory start.	**1.66mb** 34pages	$4.50
R2	**Intro to Rig & equipment systems.** To support previous document 50 well illustrated and selected slides illustrating supporting information to rig and equipment systems.	**6.04mb** 50slides	$5.50
R3	**Drilling facilities guidelines.** Guideline to key aspects to consider when design or selecting drilling facilities guidelines.	**74kb** 19pages	$2.50
R4	**Introduction to subsea wellheads. Guidelines of key aspects of subsea engineering, wellhead and systems requirements,**	**303kb** 16pages	$3.50
R5	**Rig improvement opportunities.** 45 pages of illustrated slides presenting what could be considered to improve drilling rigs, systems, assure more reliable equipment and reduce operating loss.	**3.46mb 50slides**	$5.50
R6	**Rig acceptance guidelines** outlining how to conduct this process and key items to consider when planning to inspect and accept a rig.	**74kb** 24pages	$2.50
R7	**Rig Accept Jack up example.** 33page checklist	**195kb** 33pages	$3.50
R8	**Inspection optimisation of floaters**	**126kb** 10pages	$1.50
R9	**Rig Accept Semi example**. 33page checklist	**150kb** 33pages	$3.00
R10	**Master Equipment List** example of a list of all equipment needed and required during the drilling of an offshore well.	**430kb** Excel	$3.00
R11	**logistics management guidelines**	**51kb** 12pages	$2.50

W14 Well suspension and abandonment

Table 14: Well suspension and abandonment

Cat No	File Description	Size Type	Admin Cost
S1	**Basis of design example for plugging, abandoning or suspending wells.** Document that can be used to base suspension and abandonment design guidelines and plans around.	**87kb** 32pages	$4.50
S2	**Offshore abandonment program example. Typical outline for an abandonment program.**	**32kb** 7pages	$1.50
S3	**Well plugging policy example**	**115kb** 2pages	$1.50
S4	**Abandon diagram template**	**66kb** 1slide	$1.50
S5	**Typical P&A DIAGRAMS.** Illustrated in a series of power point slides.	**127kb 6slides**	$2.50
S6	**Suspension & Abandonment guidelines example.** Good regulatory example of standards, rules and regulations to suspend and abandon wells.	**9.1mb** 27pages	$4.50
S7	**Cement plug guidelines.** Document that outline pretty much all one needs to know about cement plugs.	**1.29mb** 36pages	$4.00
S8	**Cement Plug Report.** Blank template of how to select and report a typical cement plug and abandonment report.	53Kb Excel	$2.00

W15 Formation Evaluation (MWD/LWD) logging

Table 15: Formation Evaluation, MWD/Logging coring, well testing.

Cat No	File Description	Size Type	Admin Cost
F1	**Measurement, logging while drilling and Geo-steering** educational chapter on these subject matters.	**1.21mb** 57pages	$7.00
F2	**MDT operational guidelines.** Typical operational considerations when running logging tools to obtain formation sample or pressures.	**48kb** 8pages	$1.50
F3	**Well Logging Basics.** Introduction to logging tools , descriptions and basics for drilling and non technical persons.	**755kb** 14pages	$2.50
F4	**Introduction to well testing presentation** with additional supplementary notes. An excellent overview to anyone wanting to have a basic understanding to conducting a well test.	**711kb** 40slides	$7.50
F5	**Testing Design and Analysis.** Excellent technical articile outlining key aspect of conducting a well test, the design of this and the analysis of the information obtained.	**2.1mb** 18pages	$2.50
F6	**Deepwater well testing & production.** Slide presentation outlining the key aspects to conducting a deepwater well test.	**1.29mb** 28slides	$3.00
F7	**Deepwater well test guidelines.** Thorough overview to all aspects of planning design and conduct a deepwater well test.	**4.5mb** 93pages	$12.50

W16 Wellbore productivity & Formation Damage

Table 16: More than 75pages on reducing Formation Damage while drilling and completing wells.

Cat No	File Description	Size Type	Admin Cost
W1	**Wellbore productivity and formation damage** Excellent slide introduction to the guiding principles and key aspects of formation damage mechanisms and prevention.	**457kb** 18slides	$2.50
W2	**Formation damage guidelines.** 16pages of guidelines how to manage and prevent formation damage notably while drilling.	**38kb** 16pages	$2.00
W3	**Reservoir mud and formation damage.** 15 further pages of guidelines how to manage and prevent formation damage notably in context of drilling muds.	**338kb** 15pages	$2.00
W4	**Formation damage prevention essentials.** This document therefore provides a summary set of ***"Formation Damage Prevention Practises"*** which can be applied cost-effectively in most situations	**77kb** 11pages	$1.50
W5	**Drill in fluids.** Article on reducing formation damage using drill in fluids to increase productivity.	**34kb** 6pages	$1.00
W6	**Mud invasion awareness program.** Self learning course on preventing formation damage while drilling	**1.6mb 22pages**	$3.00

W17 Marine, Met-ocean and metrology

Table 17: Marine, Met-ocean and metrology

Cat No	File Description	Size Type	Admin Cost
M1	**Common Marine inspection document** Audit of inspection guidelines for a marine vessel this is the place to start.	**390kb** 61pages	$3.50
M2	**Introduction to Dynamic Positioning.** Introduction to DP principles and their use.	**1.63mb** 50pages	$1.00
M3	**ROV code of practice**. Safe and efficient operations of remote operated vehicles are outlined in this document.	**530kb** 30pages	$2.50
M4	**ROV contract example**. ROV contract example is outlined in this document.	**435kb** 26pages	$2.50
M5	**Safe DP operating guidelines**. International Guidelines for the Safe Operation of Dynamically Positioned Offshore Supply Vessels	**901kb** 52pages	$3.50
M6	**Design and operations of DP vessels**	**721kb** 76pages	$3.50
M7	**Moorings recommendations**. Important recommendations for safe mooring.	**445kb** 8pages	$1.50
M8	**Ship safety management.** Ministry of defence document outlining the safet management of ships.	**173kb** 51pages	$3.50
M9	**Anchor manual. Pretty much everything a driller needs to know about anchoring is covered in this publication**	**2.25mb** 187pages	$7.50
M10	**Deepwater rope manual.** Want a understanding of Polyester moorings etc?. This is a good place to start.	**4.74mb** 37pages	$2.50
M11	**Deepwater AHV specifications**	**9kb** 1page	$1.00
M12	**Quality assurance for DP vessels.** Good introduction to what is needed illustrated via a few case studies when it comes to QA/QC of DP.	**194kb** 18pages	$2.50

W18 Offshore operations well design

Table 18: Offshore operations well design specifics

Cat No	File Description	Size Type	Admin Cost
O1	**Intro to Advanced oil well drilling operations.** Compilations of slides presenting what are viewed as more advanced drilling operations and key aspects of these are further presented.	**9.4mb** 92slides	$8.50
O2	**Intro to Offshore Drilling.** Compilations of slides presenting and introduction to offshore drilling and key aspects of this.	**3.01mb** 57slides	$6.50
O3	**Intro to 'Offshore' oil well operations** Compilations of slides presenting more specific operating aspects in terms of offshore wells.	**3.11mb** 55sllides	$6.00
O4	**Open water riserless drilling performance.** General introduction and look at the key drilling essentials when drilling riserless on offshore wells.	**175kb** 51pages	$5.00
O5	**Rules of thumb riserless drilling.** Two summarised pages of the key essentials to consider when drilling riserless.	**118kb** 2pages	$1.00
O6	**Offshore well timings example.** Example worksheet ready for use.	**187kb** Excel	$3.00
O7	**Offshore slim hole well timings example.** Example worksheet ready for use.	**101kb** Excel	$3.00
O8	**Rig tender well data forms.** Example worksheet ready for use	**21kb** Excel	$2.50
O9	**BOP spaceout example.** Example worksheet ready for use	**59kb** Excel	$1.50
O10	**Semi wellbore and rig schematic example template.**	**333kb** 1pages	$1.50
O11	**Riser Analysis example.** Example worksheet ready for use	**1.3mbb** Excel	$3.50
O12	**Riser tally example.** Example worksheet ready for use	**131kb** Excel	$1.50

W19 Onshore operations well design

Table 19: Slide presentations and introductory documents for Onshore drilling operations

Cat No	File Description	Size Type	Admin Cost
L1	**Introduction to land drilling operations**. An introductory outline to safely conducting land based drilling operations from rig site preparation to drilling and casing operations.	**3.72mb** 98pages	$9.50
L2	**Introduction to land drilling operations.** Part 1. General introduction to oilwell drilling.	**3.67mb** **47** Slides	$4.50
L3	**Introduction to land drilling operations.** Part 2. Rig And equipment systems introductory overview.	**6.1mb** **50** Slides	$5.00
L4	**Introduction to land drilling operations**. Part 3. Rigging up and starting drilling	**5.82mb** **61** Slides	$5.50
L5	**Introduction to land drilling operations**. Part 4. The drilling systems	**6.53mb** 54 slides	$5.00
L6	**freezing_weather_checklist**	**68kb** 98pages	$1.50
L7	**Drilling Waste Management Technology Descriptions**. Everything needed to be known at an introductory level of waste and environmental management from a drillers perspective.	**1.83mb** 50pages	$4.50

Well Planning, Construction & Design

W20 Well-control design operations

Table 20: Well control design operations

Cat No	File Description	Size Type	Admin Cost
W1	**Intro to well control equipment presentations**. Illustrated presentation of almost 250slides presenting what there really is needed to know and understand for both onshore and offshore ells when it comes to well control terms definitions and operating aspects. **Highly recommended for the non technical person.**	**11.86mb** **244** Slides	$23.50
W2	**Drilling Engineering Kick control & BO prevention. Educational chapter outlining** how to prevent a well from blowing out, especially in wildcat wells and wells drilled in areas of abnormal formation pressures.	**726kb** 18pages	$2.50
W3	**Basic Well Control**. University document for educational use, outlining basic well control for the Petroleum engineering or other similar curriculum students. Highly recommended for the non technical persons also**.**	**8.8mb** 187pages	$9.50
W4	**Gas definitions.** Paper illustrating the fundamental principles and explaining theoretical gas detection response to the penetration of a hydrocarbon transition or bearing zone. **Highly recommended.**	994kb 20pages	$2.50
W5	**Shallow hazards, shallow flows, well control assessments** are all covered in this compilation of documents, papers and articles.	**310kb** 79pages	$6.50
W6	**Kick prevention and detection practices** outlined in this document.	**354kb** 57pages	$4.50
W7	Seven documents compiled together to get a better understanding awareness and knowledge to shallow water flow issues & aspects	**601kb** 38pages	$3.50
W8	**Classification of lost circulation zones**	**92kb** 12pages	$1.50
W9	**wellbore breathing & lost circ** illustrated in series of slides	**1.1mb** 18sllde**s**	$2.50
W10	**SBOP well control .** Deepwater surface BOP guidelines as presented**.**	**67kb** **10pages**	$1.50
W11	**Practical problems in pressure control**, from a first section, to serve as an essential review of well killing and control procedures. Problems then used have reasonable practicable solutions where every situation described has occurred in actual wells to constitute typical blowout situation**.**	**2.30mbkb** 93pages	$11.50
Basic well control manual (>600pages) presenting and introduction to well control operating equipment, safety and implementation aspects,			
B01	**Introduction to well control**	**372kb** 24pages	$1.50
B02	**Terms and definitions**	**223kb** 34pages	$2.50
B03	**Understanding pressure**	**191kb** 41pages	$3.50
B04	**Controlling and pressure limits**	**384kb** 30pages	$2.00
B05	**General well control considerations**	**350kb** 78pages	$6.50
B06	**Primary well control**	**478kb** 110pages	$9.50
B07	**Secondary well control**	**484kb** 110pages	$2.50
B08	**Well control equipment (under revision)**	**140kb** 52pages	$2.50
B09	**Shallow gas (being revised)**	**128kb** 48pages	$2.50
B10	**BWC10_ Special well control conditions (being revised)**	**464kb** 127pages	$2.50

W21 Offset data & case study analysis

Table 21: Offset data and case study analysis

Cat No	File Description	Size Type	Admin Cost
O1	**HPHT Offset well data**. Example report of an offset data gathering study. Often overlooked this is one of the most important and fundamental exercise to undertake in a well planning process.	**149kb** 23pages	$3.50
O2	**Ops times offsets BOD 1.** Example wells collated for a North Sea exploration well campaign**.**	**191kb** Excel	$1.50
O3	**Case study, Statoil.** Deepwater exploration campaign West Africa.	**1.1mb** xxpages	$1.50
O4	**Jetting time plan.** Time plan for conductor jetting operations	**44kb** 1pages	$1.50

W22 AFE and cost estimating data analysis

Table 22: AFE and cost estimating data analysis

Cat No	File Description	Size Type	Admin Cost
W1	**AFE HPHT Land** well example worksheet	**901kb** Excel	$2.50
W2	**Land operation AFE Cost Book** well example worksheet	**368kb** Excel	$2.50
W3	**Drilling Cost Request Data Sheet** well example worksheet	**74kb** Excel	$2.50
W4	**Subsea AFE Sheet** well example worksheet	**85kb** Excel	$2.50
W5	**HPHT Finder dry hole 2008** well example worksheet	**1.18mbkb** Excel	$2.50
W6	**Offshore HPHT cost estimate** well example worksheet	**205kb** Excel	$2.50
W7	**Ultra deepwater Well Cost** well example worksheet	**115kb** Excel	$2.50
W8	**Marine deepwater Well Cost** well example worksheet	**43kb** Excel	$1.50
W9	**SBOP dry hole AFE May 03** well example worksheet	**139kb** Excel	$2.50
W1-	**Typical Materials and equipment checklists** well example worksheet	**155kb** Excel	$2.50

W23 UBD, Managed pressure well design

Table 23: UBD, Managed pressure drilling well design

Cat No	File Description	Size Type	Admin Cost
M1	**MPD introduction**. Introductory presentation by a specialist in this subject, outlining key aspects and considerations of managed pressure drilling	**982kb** 27slides	$3.50
M2	**Man press drill report** Introductory compilation of documents outlining some of the key aspects and considerations when applying managed pressure drilling	**4.35mb** 47pages	$5.00
M3	**Wford Introduction to MPD.** Excellent introductory brochure introducing managed pressure dilling to a non technical or drilling person.	**2.2mb** 12pages	$1.50
M4	DDV™ Tool Reduces Time to Trip Drillstring by 3 Days, Saving £400K	**163kb** 01pages	$1.00
M5	**MPD comipilation 2007.** Compilation of articles and case studies in regards to MPD lessons and experienced learned issues raised etc.	**16.7mb** 110pages	$9.50
M6	**MPD compilation 2008 2** Compilation of a further 14 articles and case studies in regards to MPD lessons and experienced learned issues raised etc.	**6.9mb** 57pages	$1.00
M7	Subsea/Surface BOP and MPD Methods Successfully Merged to Drill Total-Loss Zones in Indonesia.	**115kb** 01pages	$1.00
M8	**DDV CBM, DDV doc:** Various technology presentations on unique managed pressure drilling tools and equipment as used in recent case studies	**155kb** 01page	$1.00
M9		**239kb** 04pages	$1.00
U01	**Introduction to Under Balance Drilling.** Drilling Underbalanced into formations means to maintain a lower annular borehole pressure than the resident (formation) pore pressure. This introductory document explains all aspects of UBD principles and systems, special considerations and more. Ideal for non technical or drilling persons wanting to comprehend that bit more.	**460kb** 37pages	$4.50
u02	**Underbalanced drilling introduction presentation.** This introductory presentation again outlines aspects of UBD principles and systems.	**825kb** 15slides	$2.50
U03	**UBD compilation 2008.** Compilation of three interesting current articles collated on underbalanced drilling.	**93kb** 24pages	$2.50
U04	**Extreme Underbalanced drilling presentation 'Abel Engineering' Note: Read Only.** Take HPHT MPD and UBD into one drilling system and what you have is E-UBD as illustrated via an Industry experts proposed system to drill HPHT wells horizontally, and underbalanced.	**1.76mb** 34slides	$3.50

W24 Work-over and well intervention

Table 24: Work over & well intervention

Cat No	File Description	Size Type	Admin Cost
W1	**Workover risks**. Interesting document how to QA/QC workover and well intervention risks	**77kb** 22pages	$2.50
W2	**Completions assistant package.** Series of worksheet calculation for use in Completions, workover and intervention operations	**907kb** Excel	$5.00
W3	**Acidizing Concepts and Design .** Worked project example to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**720kb** 165pages	$9.50
W4	**Artificial-Lift Completions.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**2.37mb** 68pages	$7.50
W5	**Designing well completions for life of field.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**1.2mbb** 44pages	$4.50
W6	**Sand Stabilization and Exclusion.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**1.6mb** 54pages	$5.00
W7	**Water Control .** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**766kb** 40pages	$3.50
W8	**Well Stimulation.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**1.54b** 66pages	$6.00
W9	**Completion Hardware.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**956kb** 59pages	$5.50
W10	**Remedial Cementing.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**990kb** 48pages	$4.50
W11	**Cement-Sheath Evaluation.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**1.78kb** 45pages	$4.00
W12	**Formation-Fluid Migration After cementing.** Educational chapter to provide a understanding knowledge and awareness to this subject topic and operationally related considerations.	**839kb** 35pages	$3.00

W25 Petroleum and reservoir engineering

Table 25: Petroleum and reservoir engineering

Cat No	File Description	Size Type	Admin Cost
P1	**Introduction to Oil & Gas Production.** Handbook compiled to give readers with an interest in the oil and gas industry an overview of the main processes and equipment.	**4.85mb** 77pages	$1.50
P2	**Life of a reservoir**. Introductory slide presentation with supplementary notes to illustrate the life of a oil field reservoir and services applied to operations required.	**289kb** 18slides	$7.50
P3	**Formation-Fluid Migration After cementing.** Education series from a industry joint effort handbook outlining all key aspects of fluid migration after a cement operation. The importance to prevent then remediate effects if or as they occur.	**843kb** 35pages	$3.50
P4	**Perforating** Education series from a industry joint effort handbook outlining all key aspects of perforating, tools equipment, practices, selections design etc.	**1.15mb** 44pages	$5.50
P5	**Porosity, Permeability & Skin Factor.** Everything needed to be known about this subject matter in a comprehensive guide through these topics.	**958kb** 27pages	$2.50
P6	**Mud invasion awareness program**. Drilling and completion incur 80% of all formation damage. This awareness program presents how this occurs and how to mitigate against damaging producing reservoirs.	**1.62mb** 22pages	$3.50
P7	**Inflow Performance Tubing Performance** Discusses basic flow equations and concepts, but also fluid flow in hydraulically fractured reservoirs and in reservoirs with horizontal wells.	**1.36mb** 77pages	$8.50
P8	**Subsea completions.** Presentation to conducting completions on offshore wells and some of the new technology options available.	**1.67mb** 21slides	$3.00
P9	**Subsea completion example**. Slide illustration of a typical offshore subsea completion, all tools and equipment run and some of the operating sequence to be conducted.	**11.8mb** 38slides	$2.50
P10	**Production -SS Wells.** Presentation illustrating production systems, facilities currently being used or applied in the offshore industry today.	**1.7mb** 30slides	$2.50
P11	**Gas lift unloading sequence animation program**.	**733kb** Program	$1.50
P12	**Artificial-Lift Completions.** This chapter provides an overview of these systems and their engineering fundamentals.	**2.36mb** 68pages	$8.75
P13	**New approach to operating sand control wells.** New approach presentation to managing sand control	**304kb** 25slides	$2.50
P14	**Sand Stabilization and Exclusion.** Failure to prevent formation sand production in its early stages can be very expensive in terms of lost revenue, additional operating costs and create potentially hazardous conditions. This document addresses these issues.	**1.59mb** 54pages	$7.50
P15	**Well stimulation**. Insight to basic stimulation theory along with a discussion of several operational techniques not normally presented in technical literature. Information, is woven into a well-referenced outline of stimulation functions, to enable one to understand the basics and operation of well stimulation.	**1.54mb** 66pages	$8.50

W26 Drilling Project management

Table 26: Nearly 200 pages to assist in developing 'softer skills' of Drilling project management

Cat No	File Description	Size Type	Admin Cost
P1	**Project Management toolkit:** Management; communication; presentation skills; team building; groups that work; art of delegation; writing and reporting skills; time management and more covered in this compilation of soft skills must haves for any supervisor who want to make progress.	**247kb** 77pages	$9.50
P2	**More management skills compilation;** 11 documents covering aspects such as organisational change; coaching skills; decision making; problem solving; working in groups; feedback; time management covered in this compilation document.	**529kb** 82pages	$9.50
P3	**Project management compilation.** Various short summary pages on key elements to managing any project but more in line and context with well and drilling operations projects.	**192kb** 29pages	$3.50
P4	**Best managed drilling processes.** Project managers summary as to what they felt contributed to best managing an drilling operation.	**21kb** 4pages	$1.40
P5	**Triangle of Success.** Article outlining ho successful drilling operations it is felt should be managed.	**1.2mb** 4pages	$1.50
P6	**Drilling supervisor**. What really make a competent supervisor and what is this role and responsibilities, leadership all about. All are captured in this interesting document,	**34kb** 15pages	$2.50

W27 Spare

Table 27: Spare

Cat No	File Description	Size Type	Admin Cost
P1			
P2			

W28 Spare

Table 28: Spare

Cat No	File Description	Size Type	Admin Cost
P1			
P2			