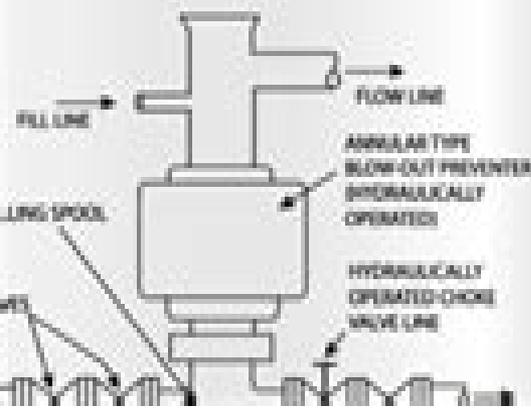


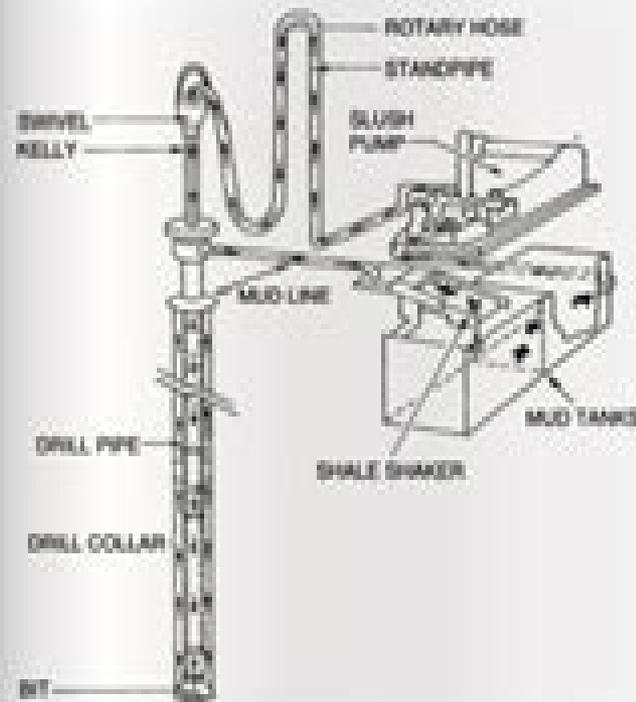
## CLASSIFICATION OF HORIZONTAL WELLS.

Radius type	Buildup rate	Radius
Short radius	60-200° per 100 ft	100-200 ft
Intermediate radius	60-150° per 100 ft	250-350 ft
Long radius	8-30° per 100 ft	500-1000 ft
Very long radius	2-8° per 100 ft	1000-3000 ft

## TYPICAL BLOW-OUT PREVENTER STACK



## DIRECT CIRCULATION MUD SYSTEM



## "CHRISTMAS TREE."



5 1/2	24	5.012	0.0244	0.0051
5 1/2	15.5	4.95	0.0238	0.0056
5 1/2	17	4.892	0.0233	0.0062
		4.78	0.0222	0.0073
		4.67	0.0212	0.0084
		6.049	0.0355	0.0071
		5.921	0.0341	0.0087
		5.791	0.0326	0.0102
		6.456	0.0405	0.0073
		6.366	0.0394	0.0084
		6.276	0.0383	0.0095
		6.184	0.0372	0.0106
		6.094	0.0361	0.0118
		6.004	0.035	0.0127
		6.969	0.0472	0.0096
		6.875	0.0459	0.0108
		6.785	0.0446	0.0123
		6.624	0.0426	0.0142
		6.098	0.0637	0.0086
		7.921	0.061	0.0116
		7.825	0.0595	0.0131
		7.725	0.058	0.0146
		8.921	0.0773	0.0131
		8.825	0.0758	0.0146
		8.725	0.0745	0.0158
		8.661	0.0732	0.0171
		8.535	0.0708	0.0195

# Drilling Calculations Handbook

**Petrogav International Oil & Gas  
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## **Drilling Calculations Handbook:**

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**Drilling Data Handbook 7th** Gilles Gabolde,Jean-Paul Nguyen,2006 The seventh edition of the Drilling Data Handbook was published in 1999 We are in a new communication techniques have considerably evolved The electronic hardware and soft communication anywhere in the world access to huge databases as well as permanent documents required by the drilling personnel At the moment of making a decision about Drilling Data Handbook the question was is it pertinent to do an electronic version on accessible one with a connection to different sites or to keep the popular concept of the people have been using it for decades The Internet gives access to an infinite volume everybody has experimented the trouble of being lost in the way or the difficulty to read information The Drilling Data Handbook does not want to compete with the web sites on other sources of electronic documentation The main goal of our contribution to the drill access very quickly and without any additional resources to the fundamental data at the floor That is the reason why we made the decision to present you this reviewed and up the formula you are familiar with and we hope that it will continue to help you when play well *Formulas and Calculations for Drilling, Production, and Workover* Thomas Carter,William C. Lyons,Norton J. Lapeyrouse,2011-09-20

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**501 Solved Problems and Calculations for Drilling Operations** ROBELLO SAMUEL,2015-01-01 This book is an expanded and corrected version of the author s Formulas and Calculation for Drilling Operations Edition 1 book It is the most comprehensive practical handbook with calculations and solved problems for drilling operations This central premise of this book is easy to use step by step calculations which can be used by students lecturers drilling engineers consultants software programmers operational managers and researchers Apart from a basic introductory chapter giving a brief treatment of calculations on rig math this book consists entirely of problems and solutions on focused topics encountered in drilling operations 501 solved Problems and calculations will help you to connect relevant engineering theories associated with drilling operations and quickly identify the parameters influencing the operations Drilling Engineering Handbook Ellis H. Austin,1983

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