

List of Tables:

Table (1.1): Main sources of data concerning sub-surface rocks.....	3
Table(4.1): shows different available logs type in Sharaf-1	38
Table(4.2): shows values of GR used in Linear Method.....	41
Table (4.3): illustrates Temperature values on sharaf(1 and 2).....	48
Table(4.4): illustrates cutoff zone depths for sharaf(1).....	54
Table(4.5): illustrates the reservoir results after cutoff for sharaf(1).....	55
Table(4.6): illustrates the pay results after cutoff for sharaf(1).....	55