

3.5 PVT Properties of Crude Oil		Poss. Mark
1	Assume an oil FVF of 1.234 rb/stb. How many barrels at reservoir conditions are required to give 100 barrels at reservoir conditions. Why the difference?	3
3	It is planned to bring oil production from the above reservoir up to 80,000 bbl/day. What will be the rate of gas production be (in scf/day) given a solution gas – oil ratio of 685 scf/stb. What assumption is required to make this calculation?	10
5	What volume free gas, at reservoir conditions, is being produced in the above case?	4
7		
9		
Sub-total		17