



REQUESTED INFORMATION FOR INTERWELL STUDIES USING TRACERS

- 1- Co-ordinates of each well belonging to the pattern under study.
- 2- Map of oil field with the location of the pattern.
- 3- Average porosity and height for the selected layer.
- 4- Water injection flow rate for the selected layer.
- 5- Production flow rate and water cut for each well.
- 6- Water residual saturation.
- 7- Layer's name.

PROPOSED SAMPLING FREQUENCY		
MONTH	SAMPLES FROM EACH PRODUCTION WELL	TOTAL
1	One sample <i>before injection</i> . One sample per day during the first three days after injection. Samples every two days along one week. Three samples per week along the rest of the month.	17
2	Three per week.	12
3	Two per week.	8
4	Two per week.	8
5	Two per week.	8
6	One per week.	4
7	One per week.	4
8	One per week.	4
9	Two per month.	2
10	Two per month.	2
11	Two per month.	2
12	One per month.	1
Afterwards	One per month.	
	TOTAL ANNUAL	72

The table above shows an ideal sampling plan. The actual sampling frequency is in permanent change according to the results of measurements and to the response of each well.