



IFP TECHNOLOGIES (CANADA) INC.

Increase your Reserves and Production

Integrated EOR Solutions from the Lab to the Field

Company Name	
Location	
Reservoir Name	

RESERVOIR CHARACTERISTICS		
		= Pick List
Main Lithology (carbonate, sandstone)		
STOOIP	MMSTB	
Area HC zone	acres	
Average porosity	%	
Average Sorw	%	
Average Swi	%	
Boi (est.)	RB/STB	
HC PV	MMSTB	
Net Pay	ft	
Average Net to Gross	%	
Permeability (range with the average value)	mD	
Reservoir depth	ft	
Top, GOC, WOC	ft	
Reservoir temperature	°F	
Clay content (Low, High)		
Dip of the formation (range [min, max])	°	
Kv/Kh		
Vertical Heterogeneity (high, medium, low)		
Horizontal Heterogeneity (high, medium, low)		
Degree of fracturation (high, medium, low, none)		
Wettability (Oil wet, Water wet, Neutral)		

FLUID PROPERTIES		
Oil Gravity	°API	
Oil viscosity @ Reservoir temperature	cp	
Oil EACN (or oil sample) **		
Oil composition		
Asphaltenes content	%wt	

Solution Gas Oil Ratio Rs	scf/stb	
Bubble point pressure	psi	
Produced water salinity	ppm (mg/L)	
Produced water hardness	R+ *	
Injection water salinity	ppm (mg/L)	
Injection water hardness or water analysis	R+ *	

RESERVOIR MECHANISMS		
Gas cap size (none /small/big)		
Aquifer activity (low, medium, strong)		
Current Water injection (Yes, No)		
Current Gas injection (Yes, No, type of gas)		
Initial reservoir pressure	psi	
Current average reservoir pressure (psi)	psi	

PRODUCTION DATA		
Start of field production	mm/yyyy	
Current Recovery Factor	%	
Current So	%	
Cumulative production	MMstb	
Estimated Ultimate RF under current dvt	%	
Current field Oil rate	Stb/d	
Current field water cut	%	
Current Gas Oil Ratio	scf/stb	
Current injection rate	STBw/d-MMscf/d	
Time to inject 0.1 PV at current injection rate	years	
Time to inject 0.1 PV at 1000 bbl/d / injector	years	
Time of first water breakthrough (est.)	years	
Avg time of water breakthrough (est.)	years	
Injector wells drilled	number	
Producer wells drilled	number	
Total wells drilled	number	
Main well type	horiz./vert.	
Average well spacing	m	
Start of water or gas injection	mm/yyyy	

5- DEVELOPMENT PLAN		
Recovery Factor objective	%	
Wells to be drilled (prod/inj)	number	
Final well spacing (acres)	acres	

* R+	Ca + Mg / Total Cations in Water
** EACN	EACN (equivalent alkane carbon number)