

## Proposed Sinclair Unit No. 10

### LYLETON / THREE FORKS FORMATION ROCK & FLUID PARAMETERS

Formation Pressure	9500 kPa	Initial Average Reservoir Pressure
Formation Temperature	38°C	
Saturation Pressure	2,034 Kpa	Bubble Point
GOR	6 - 10 m3/m3	Gas Oil Ratio
API Oil Gravity	37 - 44	
Swi (fraction)	0.40	Initial Water Saturation
Produced Water Specific Gravity	1.11	
Produced Water pH	7.1 - 7.3	
Produced Water TDS	150,000 - 166,000	
Wettability	Moderately oil-wet	
Average Air Permeability*	Middle Bakken Lyleton A Lyleton B	2.38 mD 4.16 mD *
		Wt. Average Core Data (kmax > 1 md) * no analysis > 1 md
Average Porosity (fraction)*	Middle Bakken Lyleton A Lyleton B	0.167 0.163 *
		Wt. Average Core Data (kmax > 1 md) * no analysis > 1 md

\* Wt ave from all MBKKN/Lyleton cores in Sections 6, 7, 18 and 19-8-29W1M.