C1-Basic Economic Input
(What If Version)

Tool C (What If) - Managed Case Study

Sheet C1 - High Level Variable Costs and Revenues

Transportation Costs	**Input**	**Units**	**Recommended**	**Metric Value**	**Metric Units**
Pipelines					
Steel Sched 40 Installed	30	$/km	2"-$27k; 3"-$30k;4"-$35L;6"-$50k		
HDPE SDR=9 Installed	14	$/km	2"-$10k; 3"-$14k;4"-$19k;6"-$36k		
Compression					
LP Gathering	7.5	$/m3/d	Range 500m3/d = $5-$10/m3/d capacity (higher number with motor)		
Powerlines					
Wooden Pole (25 kVa installed)	22	$/km	$22/km		
Water Trucking and Disposal					
Base per Load	1	$/m3 water	Assume $1/m3		
Haul Distance Cost	0.25	$/m3/km	Assume $0.25/m3/km (round trip well/Disp/well)		
Water Disposal Cost	1.5	$/m3	Assume $1.50/m3 (Range likely $0.5 to $3.5/m3)		
Energy Commodity Prices	**Input**	**Units**	**Recommended**		
Methane					
Methane (Buy Energy)	6	$/GJ	Assume $6/GJ from utility; 70% of utility if deferred sales ($4.2/GJ)		
Service Cost for Supply	1.5	$/mo/site	Assume $1.5k/mo/site connected to utility		
Methane (Sell Energy)	3.6	$/GJ	Assume 60% of Buy from utility ($3.6/GJ)		
Power					
Power (Buy Energy)	0.2	$/kwh	Assume $0.2/kwh on long term contract		
Service Cost for Supply	0.8	$/mo/site	Assume $0.8k/mo/site connected to utility		
Power (Sell Energy)	0.1	$/kwh	Assume 50% of Buy from utility ($0.1/kwh)		
Oil					
Net for Incremental Production	15	$/bbl	Assume $15/bbl	$ 92	$/m3
GHG Credits					
GHG Credits	0.5	$/tCO2eq	Assume $0.5/tonne		
Casing Gas Heating Value	950	BTU/ft3	Assume 950 Btu/ft3	33	GJ/m3