

Gas Storage Well (Example)

Time- and Cost Estimate for the Drilling Project

Version: slim scheme, troublefree, w. completions, IR900

Phase	1	2	3	4	5	6
to depth [m]	500	2185	2485	2755	2755	2755
hole diameter [inch]	16	12,25	8,5	6	6	6
work steps*	D/L/Cas/Cem	D/L/Cas/Cem	D/L/Cas/Cem	D	L/Cas	Compl/T
ROP drilling [m/h]	10	3	3	3		
ROP coring [m/h]			1,5			
time/phase [d]	5,50	31,50	14,00	5,50	4,00	9,00
time cumulated [d]	5,50	37,00	51,00	56,50	60,50	69,50
* Abbrev.: R= rig up/down, PB= plug back, KO= kick off, D= drilling, H= hole open./underr, L= logging, Cas= run casing, Lin= run liner, Cem= Cementing, Compl= completion, T= testing						
costs **						
drilling related	246.377	1.182.975	693.286	244.747		76.062
EUR/m	495	702	2.311	906		
EUR/h	3.493	1.726	2.845	1.956		2.071
EUR/d	83.833	41.415	68.270	46.950		49.696
non-drilling related	149.195	368.759	266.214	3.962	304.989	556.410
miscellaneous						
site, de-/mob.	267.375					128.800
total phase	662.947	1.551.734	959.499	248.709	304.989	761.272
cum. well	662.947	2.214.681	3.174.181	3.422.890	3.727.878	4.489.151
** incl. a risk margin of	15,0%	15,0%	15,0%	15,0%	15,0%	15,0%
Dry hole-Cost" (drilling to TD, logging, no liner to TD):					EUR	4.047.321

