

## ACCOMMODATION SPACE DATABASE

WELLS	14-1510	01508X03788RQ002	01301X010688RQ028	01298X009588W0070	01297X00848Z0054	01553X010248Z0048	CR40	CR20	CR33	01557X00390UQR008	01557X004040UQR011	14-3778	14-3999	14-3684	14-4021	14-4002	14-4398
Name	SALLY 1											Buis 1	Montevieille 101	Coulommès 50	Berthuis 1	Vauxpexles 1	Montbardon 1
Altitude	142,0	74,0	94,0	74,0	66,0	59,0	153,0	144,0	149,0	199,0	159,0	166,0	156,0	167,0	115,0	128,0	124,0
Y1 = 59 Ma	UN-FS		65,0	109,0	118,0	118,0	178,0	160,0	150,0	200,0	178,0	258,0	190,0	195,0	170,0	181,0	180,0
T2 = 58,8 Ma	UN-FS	72,0	72,0	107,0	118,0	178,0	160,0	150,0	200,0	198,0	178,0	258,0	190,0	195,0	170,0	181,0	180,0
T3 = 56,9 Ma	MFS	118,0	42,0	82,0	95,0	104,0	167,0	154,0	142,0	200,0	178,0	257,0	185,0	193,0	169,0	180,0	176,0
T4 = 56,4 Ma	UN	110	30	75	70	90	98	160	143	200	178	255	180	186	165	175	171
Y1 = 55,075 Ma	MFS	102,0	25,0	65,0	59,0	78,0	85,0	136,0	119,0	110,0	182,0	168,0	216,0	172,0	177,0	157,0	170,0
Y2 = 54,3 Ma	FS-MRS	93,0	20,0	59,0	50,0	70,0	123,0	110,0	101,0	170,0	174,0	160,0	200,0	174,0	177,0	156,0	168,0
Y3 = 52 Ma	MFS	68,0	0,0	30,0	29,0	35,0	42,0	101,0	90,0	81,0	130,0	146,0	188,0	149,0	147,0	136,0	143,0
Y4 = 50,8 Ma no plotted	UN	56,0	0,0	23,0	22,0	31,0	36,0	92,0	73,0	73,0	135,0	134,0	178,0	139,0	142,0	134,0	135,0
L1 = 49,8 Ma	UN	32,0	0,0	0,0	0,0	10,0	11,0	73,0	60,0	59,0	116,0	110,0	145,0	124,0	124,0	116,0	130,0

EROSION (m)

Thickness between Y2 et Y3	0,0	5,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	3,0
Thickness between Y3 et Y4	0,0	10,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	10,0
Thickness between Y4 et L1	10,0	25,0	10,0	10,0	10,0	10,0	15,0	15,0	15,0	15,0	5,0	20,0	20,0	30,0	35,0	45,0	
L1-PRESENT DAY	150,0	180,0	180,0	180,0	180,0	180,0	110,0	130,0	120,0	70,0	70,0	40,0	60,0	60,0	60,0	50,0	45,0

## PALAEODEPTH (m)

T1		0.0	-5.3	-11.2	-16.0	-20.1	-23.1	-26.4	-28.1	-29.8	-32.4	-34.7	-40.7	-42.4	-44.5	-47.2	-50.4	-52.2
T2		10	7.35	4.41	2.05	0	-7.7	-12.9	-2.7	-3.48	-49.8	-5.33	-6.37	-8.95	-9.73	-10.63	-11.79	-13.21
T3		20.0	13.9	10.3	5.8	-3.7	1.0	-1.2	3.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T4		-10.0	-13.6	-17.6	-20.8	-23.6	-25.6	-27.9	-29.0	-30.1	-31.9	-33.4	-37.4	-38.6	-40.0	-41.8	-44.0	-45.2
Y1		5.0	4.3	3.6	3.0	2.5	2.2	1.7	1.5	1.3	1.0	0.7	0.0	alt:10 Dep: 5	alt:10 Dep: 5	alt:10 Dep: 5	alt:10 Dep: 5	alt:10 Dep: 5
Y2		5.0	4.4	3.8	3.3	2.9	2.6	2.2	2.0	1.8	1.6	1.3	0.7	0.5	0.3	0.0	-0.7	-1.1
Y3		10.0	9.3	8.6	7.9	7.4	7.0	6.6	6.4	6.2	5.8	5.5	4.8	4.6	4.3	3.9	3.5	3.3
Y4 no plotted		5.0	4.1	4.0	3.1	2.9	3.1	2.9	2.7	2.6	3.7	2.7	2.4	1.7	1.6	1.4	1.2	1.0
L1		0.0	-1.8	-3.8	-5.4	-6.8	-7.8	-8.9	-9.5	-10.0	-10.9	-11.7	-13.7	-14.3	-15.0	-15.9	-17.0	-17.6
PRESENT-DAY	Zsol	-142.0	-64.0	-94.0	-74.0	-66.0	-59.0	-153.0	-144.0	-149.0	-199.0	-159.0	-166.0	-167.0	-115.0	-128.0	-124.0	-124.0

## LITHOLOGY (%)

[illegible]

ACCOMMODATION DATA BASE																
WELLS																
		14-4431	14-4063	14-4435	14-3810	14-4449	14-4459	14-3641	14-3668	14-3660	14-3833	14-3685	14-4267	14-3575	14-3863	
Name		Limosin 1d	Villarcoux 3	La Vignotte 2D	Villarcoux 1	Nesles 1	Grand Beau 1	La Sablière 1	Chaunoy 6	Chaunoy 5	Blandy 2D	Sivry 1	Brie 120	Chailly 1	Les Roches Moreau 1	
Altitude		140,0	112,0	112,0	109,0	107,0	118,0	103,0	97,0	100,0	91,0	91,0	84,0	80,0	79,0	
T1 = 59 Ma	UN-FS	200,0	190,0	187,0	174,0	181,0	158,0	168,0	153,0	145,0	132,0	132,0	149,0	155,0	154,0	
T2 = 58.8 Ma	M	200,0	190,0	187,0	174,0	181,0	158,0	168,0	153,0	145,0	132,0	132,0	149,0	155,0	154,0	
T3 = 56.9 Ma	MFS	198,0	187,0	185,0	170,0	180,0	157,0	166,0	152,0	145,0	132,0	132,0	149,0	155,0	154,0	
T4 = 56.4 Ma	UN	191	185	180	167	177	155	164	151	145	132	132	149	155	154	
Y1 = 55.075 Ma	MFS	187,0	182,0	173,0	166,0	173,0	151,0	161,0	149,0	142,0	130,0	127,0	140,0	150,0	149,0	
Y2 = 54.3 Ma	FS-MRS	170,0	165,0	160,0	154,0	149,0	136,0	149,0	122,0	115,0	110,0	105,0	105,0	108,0	107,0	
Y3 = 52 Ma	MFS	150,0	150,0	144,0	140,0	141,0	126,0	145,0	119,0	113,0	107,0	103,0	102,0	105,0	104,0	
Y4 = 50.8 Ma no plotted	UN	150,0	150,0	140,0	139,0	140,0	125,0	142,0	116,0	107,0	103,0	100,0	98,0	103,0	102,0	
L1 = 49.8 Ma	UN	150,0	150,0	140,0	136,0	134,0	120,0	136,0	110,0	100,0	100,0	96,0	96,0	95,0	91,0	
EROSION (m)																
Thickness between Y2 et Y3		3,0	3,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
Thickness between Y3 et Y4		10,0	10,0	7,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	
Thickness between Y4 et L1		45,0	45,0	43,0	43,0	40,0	40,0	40,0	40,0	40,0	43,0	40,0	35,0	33,0	30,0	
L1-PRESENT DAY		30,0	30,0	40,0	40,0	50,0	70,0	45,0	70,0	80,0	80,0	80,0	80,0	100,0	90,0	
PALAEODEPTH (m)																
T1		-55,7	-59,0	-59,9	-61,4	-62,2	-65,8	-69,9	-72,9	-75,9	-77,9	-80,0	-70,0	-56,0	-50,0	
T2		-15,54	-16,96	-17,34	-17,99	-18,38	-19,93	-21,73	-23,02	-24,32	-25,22	-26,12	-27,41	-29,22	-30,0	
T3		0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	-10,0	-9,1	-7,7	-5,8	-5,0	
T4		-47,6	-49,8	-50,4	-51,4	-52,0	-54,4	-57,2	-59,2	-61,2	-62,6	-64,0	-66,0	-68,8	-70,0	
Y1	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	alti:10 Dep: 5	
Y2		-1,9	-2,6	-2,8	-3,1	-3,3	-4,1	-5,0	-5,0	-5,0	-5,0	-5,0	-5,0	-5,0	-5,0	
Y3		2,8	2,4	2,3	2,1	2,0	1,6	1,0	0,6	0,3	0,0	-0,9	-2,3	-4,2	-5,0	
Y4 no plotted		0,8	0,5	0,3	0,2	0,0	-1,4	-2,0	-2,6	-2,9	-3,3	-3,9	-4,7	-5,0	-5,0	
L1		-18,8	-19,9	-20,2	-20,7	-21,0	-22,2	-23,6	-24,6	-25,6	-26,3	-27,0	-28,0	-29,4	-30,0	
PRESENT-DAY	Zsol	-140,0	-112,0	-112,0	-109,0	-107,0	-118,0	-103,0	-97,0	-100,0	-91,0	-91,0	-84,0	-80,0	-79,0	
LITHOLOGY (%)																
T1	SAND	75,0	75,0	50,0	50,0	100,0	75,0	75,0	100,0	100,0	100,0	100,0	100,0	100,0	100,0	
	LIMESTONE	25,0	25,0	50,0	50,0		25,0	25,0								
	CLAY															
T2	SAND	75,0	100,0	100,0	75,0	75,0	75,0	75,0	100,0	100,0	75,0	100,0	75,0	75,0	75,0	
	LIMESTONE	25,0			25,0	25,0	25,0	25,0			25,0		25,0	25,0	25,0	
	CLAY															
T3	SAND	75,0	100,0	100,0	75,0	75,0	75,0	75,0	100,0	100,0	75,0	100,0	75,0	75,0	75,0	
	LIMESTONE	25,0			25,0	25,0	25,0	25,0			25,0		25,0	25,0	25,0	
	CLAY															
T4	SAND	50,0	50,0	50,0	50,0	75,0	75,0	75,0								
	LIMESTONE								100,0	100,0	100,0	100,0	100,0	100,0	100,0	
	CLAY	50,0	50,0	50,0	50,0	25,0	25,0	25,0								
Y1	SAND	50,0	75,0	75,0	75,0	75,0	75,0	40,0	40,0	40,0	40,0	40,0	40,0	25,0	25,0	
	LIMESTONE	50,0	25,0	25,0	25,0	25,0	25,0	40,0	40,0	40,0	40,0	40,0	40,0	25,0	25,0	
	CLAY															
Y2	SAND	50,0	50,0	75,0	50,0	50,0	50,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	75,0	
	LIMESTONE															
	CLAY	50,0	50,0	25,0	50,0	50,0	50,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	
Y3	SAND	25,0	25,0	50,0	50,0	50,0	50,0	75,0	75,0	75,0	75,0	75,0	75,0			
	LIMESTONE															
	CLAY	75,0	75,0	50,0	50,0	50,0	100,0	25,0	25,0	25,0	25,0	25,0	100,0	100,0	50,0	
Y4 no plotted	SAND							25,0						50,0	50,0	
	LIMESTONE															
	CLAY	100,0	100,0	100,0	100,0	100,0	100,0	75,0	100,0	100,0	100,0	100,0	100,0	50,0	50,0	
L1	SAND	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	
	LIMESTONE	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	50,0	
	CLAY	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	25,0	

**Table S6.** Accommodation space data base  
Dataset: wells, erosion, palaeodepth and lithology (see Fig. 6).