

Appendix 1: Key Gulf of Mexico fields by stage

Figure 30: Key Gulf of Mexico fields (in \$m and %)

Start-up		Peak Prod.	2013 Prod.	NPV	IRR (%)	Capex	Develop.	Play	Operator
In operation									
1994	Auger	173	75	2,754	21%	5,230	TLP	Miocene	Shell
1996	Mara	191	74	10,426	39%	9,969	TLP	Miocene	Shell
1998	Baldpate	81	16	850	60%	1,008	Compliant tower		Hess
1999	Ursa	135	35	1,816	35%	3,608	TLP	Miocene	Shell
2000	Congar	45	28	1,440	86%	816	Subsea	Miocene	Hess
2001	Brutus	68	14	561	33%	1,594	TLP	Miocene	Shell
2002	Princess	64	22	1,287	175%	1,594	Subsea	Miocene	Shell
2003	Na Kika	145	28	4,393	53%	4,030	Semi-sub	Miocene	BP
2004	Holstein	54	11	763	31%	1,774	Truss spar	Miocene	BP
2005	IC2	36	18	3,113	48%	3,409	Subsea	Miocene	Anadarko
2005	Mad Dog	153	35	9,678	34%	20,002	Truss spar	Miocene	BP
2007	Atlantis	131	85	10,797	26%	12,749	Semi-sub	Miocene	BP
2007	Jubilee	19	10	155	87%	155	Subsea	Miocene	Anadarko
2008	Thunder Horse	213	90	13,558	18%	16,707	Semi-sub	Miocene	BP
2008	Blind Faith	57	21	1,506	35%	1,913	Semi-sub	Miocene	Chevron
2008	Neptune	32	16	1,553	18%	2,480	TLP	Miocene	BP/Billton
2009	Atlantis North Flank	30	30	3,205	20%	1,877	Subsea	Miocene	BP
2009	Dorado	20	16	1,277	60%	395	Subsea	Miocene	BP
2009	King South	10	9	1,407	27%	555	Subsea	Miocene	BP
2009	Tahiti	130	91	7,789	31%	4,696	Spar	Miocene	Chevron
2009	Longhorn	29	24	599	23%	1,581	Subsea	Miocene	ENI
2009	Thunderhawk	22	18	736	39%	646	Semi-sub	Miocene	Murphy EMP
2009	Sherzi	109	106	12,392	44%	6,389	TLP	Miocene	BP/Billton
2010	Great White	83	38	5,826	14%	6,250	Spar	Lower Tertiary	Shell
2010	Silver sp	18	14	408	13%	482	Subsea	Lower Tertiary	Chevron
2011	Tobago	14	8	254	14%	303	Subsea	Lower Tertiary	Chevron
2010	Droshty	18	2	32	8%	922	Subsea	Miocene	Marathon
2011	Appalosa	10	10	388	39%	140	Subsea	Miocene	ENI
2012	Galapagos	30	10	1,833	63%	796	Subsea	Miocene	BP
2012	Caesar/Tonga	55	48	4,929	50%	2,988	Subsea	Miocene	Anadarko
2012	Chinook	38	8	3,098	26%	4,885	FPSO	Lower Tertiary	Petrobras
2012	Cascade	41	19	4,027	27%	5,307	FPSO	Lower Tertiary	Petrobras
Total in operation		2,237							
In construction									
2013	Na Kika phases 3/4	40		2,240	35%	1,211	Subsea	Miocene	BP
2014	Cardamom Deep	50		1,427	33%	1,802	Subsea	Miocene	Shell
2014	Jack/Sil Malo	109		3,858	13%	15,087	Semi-sub	Lower Tertiary	Chevron
2015	Tubular Bells	35		1,147	20%	1,850	Spar	Miocene	Hess
2015	Mara B	65		4,156	28%	1,806	TLP	Miocene	Shell
2015	Big Foot	64		3,106	21%	3,470	Ext. TLP	Miocene	Chevron
2015	Lucas	87		5,881	53%	3,804	Spar	Subsail Plat/Miocene	Anadarko
2016	W. Boreas, S. Dairns	35		1,467	30%	1,488	TLP	Miocene	Shell
2016	Julia	47		1,306	18%	4,801	Subsea	Miocene	Exxon
2017	Stones	45		956	18%	7,110	FPSO	Lower Tertiary	Shell
2018	Atlantis East	40		1,179	30%	1,642	Subsea	Miocene	BP
Total in construction		616							
Pre-FID									
2015	Hadrian	127		3,775	31%	7,260	Semi-sub?	Subsail Plat/Miocene	Exxon
2016	Heidelberg	54		3,408	27%	6,320	Spar?	Miocene	Anadarko
2017	Mad Dog Phase 2	113		1,486	22%	2,898	Spar	Miocene	BP
2017	Freedom/Gunflint	57		938	17%	3,779	Spar?	Miocene	Noble Energy
2017	Stampede	81		1,844	19%	9,867	TLP?	Miocene	Hess
2017	Vito	80		2,482	30%	4,200	TLP?	Miocene	Shell
2018	Muccasin	49		537	13%	6,150	Spar/Semi-sub	Lower Tertiary	Chevron
2018	Appomattox	77		2,062	23%	4,774	Spar?	Jurassic Norphlet	Shell
2018	Shenandoah	60		2,832	32%	14,837	Spar/TLP?	Inboard Low er Ter ary	Anadarko
2019	Buckskin	51		1,044	16%	9,385	Spar/Semi-sub	Lower Tertiary	Chevron
2019	Vicksburg	33		1,009	48%	1,401	Subsea	Jurassic Norphlet	Shell
2019	Nor h Flats			3,200			TLP/Spar?	Inboard Low er Ter ary	Cobalt
2020	Logan						Semi-sub?	Low er Tertiary	Statol
2021	Kaskida	50		673	15%	5,427	Spar/FPSO?	Low er Tertiary	BP
2021	Tiber	71		1,874	17%	16,908	Spar?	Low er Tertiary	BP
Total Pre-FID		1,535							

Source: Company data, Wood Mackenzie, Credit Suisse estimates