

Gulf of Mexico Deepwater Survey

Prospect name	Area & block no.	Water depth (ft)	Operator (partner)	Status (Production type)	Year of discovery	Year of first production	Reserves - Estimated (Proven) (in millions BOE)	Peak/Test Production Oil/Gas
<b>NAMED PROSPECTS</b>								
1 Allegheny	Green Canyon 253, 254, 297, 298	3,186	British Borneo (Enserch)	Planning (TLP/SS)	1996	1999	52	25,000 b/d/35 MMcf/d
2 Angus	Green Canyon 113	2,045	Shell (Marathon)	Planning (SS)	1997	1999	64	40,000 b/d/60 MMcf/d
3 Anstey (East)	Miss. Canyon 607	5,000	Amoco	Planning	-	-	-	-
4 Arnold	Ewing Bank 963	1,752	Marathon	Planning (SS)	1996	1998	25	17,000 b/d
5 Auger	Garden Banks 426	2,864	Shell (BP)	Producing (TLP)	1987	1994	(186.5)	100.00 b/d/300 MMcf/d
6 Baha	Alaminos Canyon 600	7,620	Shell	Planning	-	-	50	-
7 Baldpate	Garden Banks 260	1,641	Amerada Hess	Producing (CT)	1991	1998	100-200	65,000 b/d
8 Bison	Green Canyon 166	2,518	Exxon	Planning	-	-	-	-
9 Black Widow	Ewing Bank 966	1,850	Mariner (British-Borneo, Westport)	Planning (SS)	1998	1998	-	-
10 Boomvang (East)	East Breaks 688	3,737	Reading & Bates	Planning (SS)	1988	-	35	-
11 Boomvang (North)	East Breaks 654	3,688	Reading & Bates	Planning (Norcen)	1997	-	35-45	-
12 Brutus	Green Canyon 158	2,877	Shell (Exxon)	Planning (SS)	1989	-	100-150	-
13 Cardamon	Garden Banks 471	2,873	Shell	Planning	-	-	50	-
14 Conger	Garden Banks 215	1,500	Amerada Hess (Shell, Oryx)	Planning (SS/FIX)	1998	-	50-100	-
15 Cooper	Garden Banks 388	2,163	BP (Enserch)	Producing (FPS)	1989	1995	(66)	12,000 b/d
16 Coulomb	Miss. Canyon 657	7,520	Shell	Planning	1988	-	50	-
17 Diamond	Miss. Canyon 445	2,095	Oryx	Producing (SS)	1988	1994	(6)	-
18 Diana	East Breaks 945	4,634	Exxon (BP)	Planning (SPR)	1991	2000	350	4,800 b/d/2.6 MMcf/d
19 Diana (South)	Alaminos Canyon 65	4,800	Exxon	Planning (SS)	1996	2000	-	-
20 Europa	Miss. Canyon 934, 935, 890, 891	3,889	Shell (BP, Conoco)	Planning (SS)	1994	2000	160	60,000 b/d/45 MMcf/d
21 Flathead	Miss. Canyon 899	4,452	Shell	Planning	-	-	-	-
22 Fuji	Green Canyon 506	4,243	Texaco (Shell, Statoil)	Planning	1995	2000	50	-
23 Gemini	Miss. Canyon 292	3,393	Texaco (Chevron)	Planning (SS)	1995	1999	150	2-3,000 b/d/150-200 MMcf/d
24 Genesis	Green Canyon 205	2,599	Chevron (Exxon, Fina)	Planning (SPR)	1996	1998	(123)	55,000 bbl/72 MMcf/d
25 Gilder	Green Canyon 248	3,300	Shell	Planning (TLP)	1996	2000	100-150	-
26 Gomez	Miss. Canyon 755	3,000	UPRC	Planning (SPR/TLP)	1997	2001	100-140	40,000 b/d
27 Grand Canyon	Green Canyon 141	1,715	Conoco	Planning	-	-	-	-
28 Herschel South	Miss. Canyon 520	6,739	Amoco/Shell	Planning	1997	-	50	-
29 Hoover	Alaminos Canyon 25/26	4,785	Exxon (BP)	Planning (FPS)	1997	2000	100	-
30 Jolliet	Green Canyon 184	1,722	Conoco	Producing (TLP)	1981	1989	(57)	-
31 King	Miss. Canyon 84	5,500	Amoco	Planning (SPR)	1993	2001	-	-
32 King	Miss. Canyon 764	3,285	Vastar (Shell, BP)	Planning	1997	1999	-	-
33 King Kong	Green Canyon 472	3,817	Conoco (British Borneo, Shell)	Planning (SS)	1997	2000	250	-
34 King's Peak #1	Desoto Canyon 133	6,530	Amoco	Planning (SS)	1993	2001	250	-
35 King's Peak #2	Miss. Canyon 217	6,500	Amoco	Planning (SS)	1994	2000	250	-
36 Klamath	Ewing Bank 921	1,673	British Borneo	Planning (SS)	1991	-	-	-
37 Knight	Garden Banks 372	1,740	Santa Fe	Planning	-	-	-	-
38 Leo	Miss. Canyon 502, 503, 546	2,500	British-Borneo (Spirit, Petrobras, Snyder)	Planning	1998	-	-	-
39 Llano	Garden Banks 386	2,700	EEX (Enterprise, PanCanadian, Mobil)	Planning (SS)	1998	1999	-	-
40 Macaroni	Garden Banks 602	3,684	Shell	Planning (SS)	1995	1999	78	35,000 b/d/65 MMcf/d
41 Marlin	Viosca Knoll 915	3,238	Amoco	Planning (TLP)	1993	1999	100	40,000 b/d/250 MMcf/d
42 Mars	Miss. Canyon 807	2,860	Shell (BP)	Producing (TLP/SS)	1989	1996	(166)	140,000 b/d/140 MMcf/d
43 Mensa	Miss. Canyon 687	5,327	Shell	Producing (SS)	1987	1997	(142)	300 MMcf/d
44 Metallica	Miss. Canyon 911	7,000	BP	Planning	-	2004	-	-
45 Mickey	Miss. Canyon 211	4,356	Exxon (BP)	Planning (SS)	1991	-	100-200	-
46 Morpeth	Ewing Bank 965	1,630	British Borneo	Producing (TLP/SS)	1997	1998	77	35,000 b/d
47 Nakika*	Miss. Canyon 383, 429, 522	5,759	Shell/Amoco	Planning (FPS)	1997	2000	-	-
48 Narcissus	Miss. Canyon 630	4,250	Texaco	Planning	1997	-	-	-
49 Neptune	Viosca Knoll 826	1,930	Oryx	Producing (SPR)	1988	1997	(67)	30,000 b/d/30 MMcf/d
50 Neptune	Atwater Valley 575	6,220	BP	Planning	-	2001	100	-
51 Nile	Viosca Knoll 914	3,535	Amoco	Planning	1997	-	50	-
52 Nirvana	Miss. Canyon 162	3,414	BP	Planning	-	2001	-	-
53 Petronius	Viosca Knoll 786	1,754	Texaco (Marathon)	Planning (CT)	1995	1999	80-100	-
54 Pluto/Blood Sweat & Tears	Miss. Canyon 673, 674, 717, 718	2,828	Mariner/BP	Planning (SS)	-	1999	20-25	-
55 Pompano II	Miss. Canyon 28	1,865	BP (Kerr-McGee)	Producing (SS)	1985	1996	(193)	-
56 Popeye	Green Canyon 116	2,068	Shell (CNG, Mobil, BP)	Producing (SS)	1985	1996	(60)	9,000 b/d/ 160 MMcf/d
57 Poseiden	Green Canyon 691	4,489	BP	Planning	-	-	-	-
58 Ram Powell	Viosca Knoll 956	3,214	Shell (Exxon, Amoco)	Producing (TLP)	1989	1997	(252)	70,000 b/d/ 260 MMcf/d
59 Rocky	Green Canyon 110	1,785	Shell	Producing (SS)	1994	1996	(7)	6,900 b/d
60 Sorano	Garden Banks 516	3,153	Shell	Planning (SS)	1997	2001	50	-
61 Tahoe	Viosca Knoll 783	1,500	Shell (Murphy)	Producing (SS)	1984	1994	(106)	300 MMcf/d

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62 Tahoe Southeast	Viosca Knoll 827	1,770	Shell	Producing (SS)	1996	1996	120	235 MMcf/d
63 Thor	Viosca Knoll 825	1,720	Oryx	Producing	-	1998	(67)	-
64 Troika	Green Canyon 244	2,684	BP (Shell, Marathon)	Producing (SS)	1994	1997	200	80,000 b/d/ 140 MMcf/d
65 Ursa	Miss. Canyon 809	3,916	Shell (Exxon, BP, Conoco)	Planning (TLP)	1991	1999	(112)	150,000 b/d/ 400 MMcf/d
66 Venus	Miss. Canyon 853	3,790	Shell	Planning	-	-	-	-
67 Wasatch	Green Canyon 200	2,700	Marathon	Planning (SS)	1994	1998	200-300	-
68 Zeus	Miss. Canyon 941	3,905	Exxon	Planning	-	-	-	-
* Nakika was formerly referred to as AFK consisting of three fields:								
Ariel	Miss. Canyon 429	6,201	Amoco	Planning	1997	2000	50	-
Fourier	Miss. Canyon 522	6,929	Shell	Planning	1987	2000	50	-
Kepler	Miss. Canyon 383	5,759	Shell	Planning	1997	2000	50	-
<b>UNNAMED PROSPECTS</b>								
69 (un)	Atwater Valley 8	3,135	Shell	Planning	-	-	-	-
70 (un)	Ewing Bank 1006	1,884	Walter	Planning (SS)	1997	1998	-	-
71 (un)	Garden Banks 254	1,920	Chevron	Planning	-	-	-	-
72 (un)	Garden Banks 259/216	1,946	Amerada Hess	Planning (CT)	-	-	-	-
73 (un)	Garden Banks 302	2,411	Conoco	Planning	1991	-	-	-
74 (un)	Garden Banks 543	2,000	Marathon	Planning	-	-	-	-
75 (un)	Green Canyon 37	2,024	British Borneo	Planning	-	-	-	-
76 (un)	Green Canyon 72	1,655	Mobil	Planning (SS)	-	-	-	-
77 (un)	Green Canyon 82	2,400	Kerr McGee	Planning	-	-	-	-

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78 (un)	Green Canyon 92	1,640	Texaco	Planning	-	-	-	-
79 (un)	Green Canyon 153	1,500	Marathon	Planning	-	-	-	-
80 (un)	Green Canyon 181	1,550	Amoco	Planning	-	-	-	-
81 (un)	Green Canyon 228	1,638	Texaco	Planning	-	-	-	-
82 (un)	Green Canyon 236	2,000	Marathon	Planning	-	-	-	-
83 (un)	Green Canyon 296	3,920	Shell	Planning	-	-	-	-
84 (un)	Green Canyon 473	3,700	Shell	Planning	1991	-	-	-
85 (un)	Miss. Canyon 243	3,100	Conoco (Oryx)	Planning	1990	2000	-	-
86 (un)	Miss. Canyon 429	6,274	Shell	Planning	1987	2001	-	-
87 (un)	Miss. Canyon 441	1,520	Enserch (Agip, Fina)	Producing (SS)	1986	1993	38	-
88 (un)	Miss. Canyon 442	1,531	Enserch	Producing (SS)	-	-	-	-
89 (un)	Miss. Canyon 443	2,095	Walter	Planning (SS)	-	1999	-	-
90 (un)	Miss. Canyon 837	3,900	Walter	Planning (SS)	-	1999	-	-
<b>PROSPECTS &lt; 1,500 FT</b>								
1 Alabaster	Miss. Canyon 397	1,059	Exxon	Producing (FIX)	1984	1992	100	2,500 b/d/115 MMcf/d
2 Amberjack	Miss. Canyon 109	1,029	BP (Shell, Conoco)	Producing (FIX)	1986	1991	(52)	22,000 b/d
3 Bullwinkle	Green Canyon 62	1,353	Shell	Producing (FIX)	1983	1989	(180)	-
4 Cognac	Miss. Canyon 194	1,023	Shell	Producing (FIX)	1976	1979	(283)	-
5 Dulcimer	Garden Banks 367	1,120	Mariner (Spinnaker, Pogo)	Planning (SS)	1998	1999	-	-
6 Ladybug	Garden Banks 409	1,355	Texaco (Unocal)	Planning	1997	-	15-20	7,266 b/d/3.7 MMcf/d
7 Laffitt Pincay	Ewing Bank 958	1,450	Tatham	Producing (FPS)	1994	1997	75	-
8 Lena	Miss. Canyon 281	1,018	Exxon	Producing (CT)	1976	1983	(88)	-
9 Mosquito Hawk	Garden Banks 269	1,102	Texaco	Planning	-	-	-	-
10 Oyster	Ewing Bank 917	1,200	Marathon (Texaco)	Planning (SS)	1996	1998	10	7,500 b/d
11 Penn Slate	Garden Banks 216	1,450	Amerada Hess (Oryx)	Planning (SS)	1996	1998	-	10,000 B/D
12 Pompano I	Viosca Knoll 989	1,290	BP (Kerr-McGee)	Producing (FIX)	1985	1994	(193)	-
13 Prosperity	Viosca Knoll 742	1,000	Texaco	Planning	1998	-	-	-
14 Salsa	Garden Banks 171	1,076	Amerada Hess	Planning	-	-	-	-
15 Seattle Slew	Ewing Bank 914	1,019	Tatham	Producing (FPS)	1991	1993	(10)	-
16 Shasta	Green Canyon 136	1,040	Texaco (Hardy, Samedan)	Producing (SS)	1994	1995	8	-
17 Specter	Viosca Knoll 784	1,047	Shell (Elf, Snyder, Pogo, Nippon)	Planning	1998	2000	-	-
18 Sunday Silence	Ewing Bank 958	1,450	Tatham	Planning (SPR)	1994	1998	-	-
19 Toro	Green Canyon 69	1,465	Shell	Planning	-	2000	-	-
20 Virgo	Viosca Knoll 823	1,132	Elf (Coastal, Pogo, Nippon)	Planning (FIX)	1997	1999	-	1,800 b/d/ 22.7 MMcf/d
21 VK 862	Viosca Knoll 862	1,043	Walter	Producing (SS)	1995	-	(4)	-
22 Zinc	Miss. Canyon 354	1,478	Exxon	Producing (SS)	1977	1993	(46)	2,500 b/d/115 MMcf/d
<b>UNNAMED PROSPECTS</b>								
23 (un)	Garden Banks 208	1,250	Agip	Planning	-	-	-	-
24 (un)	Garden Banks 253	1,400	Marathon	Planning	-	-	-	-
25 (un)	Miss. Canyon 26	1,272	BP	Planning	-	-	-	-
26 (un)	Miss. Canyon 401	1,367	Oryx	Producing (SS)	-	-	-	-
27 (un)	Miss. Canyon 486	1,200	AEDC	Producing (SS)	-	-	-	-
28 (un)	Miss. Canyon 533	1,000	Walter	Planning (SS)	-	1999	-	-

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The deepwater Gulf of Mexico is beginning to show signs of a modest slowdown. Only a handful of discoveries have been made since Offshore Magazine's January Deepwater Gulf of Mexico report. The discovery rate may have slowed, but overall deepwater activity has not. Operators are still continuing to explore, produce, and set records in the deep and ultra-deepwater.

According to the Minerals Management Service (MMS),

activity is still continuing at a strong pace. Thirty temporary and permanent deepwater rigs were reported drilling in water depths greater than 1,000 ft in the Gulf of Mexico. This is only a decrease of one rig from the level

1998 Gulf of Mexico Deepwater Discoveries (year to date)

Discovery	Location	WD	Operator
<b>Greater than 1,500 ft</b>			
North Boomvang	East Breaks 654	3,668 ft	Reading & Bates
King	Mississippi Canyon 764	3,285 ft	Vastar
Leo	Mississippi Canyon 546	2,500 ft	British-Borneo
Llano	Garden Banks 386	2,700 ft	EEX
<b>Less than 1,500 ft</b>			
Dulcimer	Garden Banks 367	1,120 ft	Mariner
Specter	Viosca Knoll 780	1,047 ft	Shell

reported in January.

Three new deepwater records have been established in the past few months:

- Chevron broke the world-record for drilling in the deepest water depths. The *Glomar Explorer* deepwater drillship drilled a well in Atwater Valley 118 in 7,718 ft of water, surpassing the previous record held by Shell set in 1996 in 7,612 ft.
- EEX also broke records with the Llano prospect in Garden Banks 386. The Llano was drilled to a total depth of 27,864 ft, making it the deepest well in the Gulf of Mexico.
- Shell's Troika well, the second longest tie-back in the Gulf of