

Addendum to Assessment of Undiscovered Technically Recoverable Oil and Gas Resources of the Nation's Outer Continental Shelf, 2006: Pre December 22, 2005 Planning Area Configuration

This report is an addendum to MMS Fact Sheet RED-2006-01 (*Assessment of Undiscovered Technically Recoverable Oil and Gas Resources of the Nation's Outer Continental Shelf, 2006*), and it summarizes the pre December 22, 2005 configuration planning area level technically recoverable oil and gas resources for the U.S. Outer Continental Shelf (OCS) (see *Figure 1*). We are making this information available solely to facilitate direct comparison of this study with previous MMS resource assessments. The OCS comprises that portion of the submerged seabed whose mineral estate is subject to Federal jurisdiction. Planning areas are administrative subdivisions of the OCS used in the Department of Interior's offshore oil and gas leasing program. Planning area boundaries were redefined in December 2005, and therefore the planning area level results using the new configuration are not directly comparable with previous MMS resource assessments.

This assessment provides estimates of the undiscovered, recoverable oil and natural gas resources located outside of known oil and gas fields on the OCS. Estimates of undiscovered recoverable resources are presented in two categories, undiscovered technically recoverable resources (UTRR), and undiscovered economically recoverable resources (UERR) (see *Table 1*). This information is also available in spreadsheet form by clicking [here](#).

For further information on this study, please refer to MMS Fact Sheets RED-2006-01 and RED-2006-02, or contact Gary Lore at 703-787-1628 or gary.lore@mms.gov. Supporting geological studies, previous assessment results, and methodologies used by MMS for resource assessment can be found on MMS's web site, www.mms.gov/offshore.

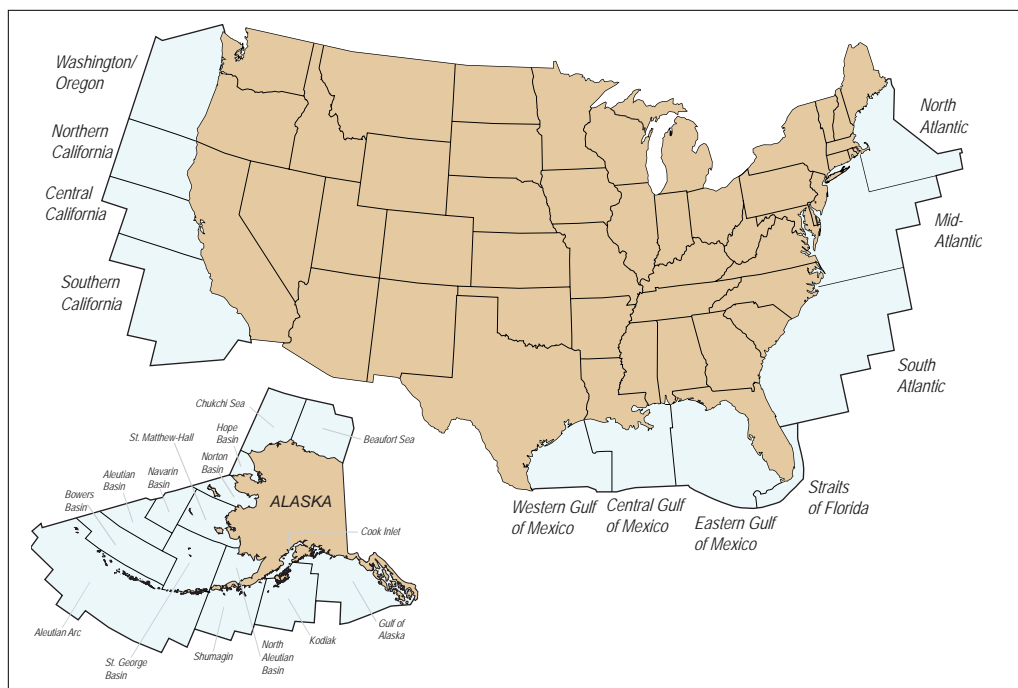


Figure 1. Federal OCS Planning Areas, Pre December 2005 Configuration.

Table 1. Undiscovered Technically and Economically Recoverable Resources of OCS Planning Areas, Pre December 22, 2005 Planning Area Configuration.

Resource values are in billion barrels of oil (Bbo), and trillion cubic of gas (Tcf). 95% indicates a 95 percent chance of at least the amount listed, 5% indicates a 5 percent chance of at least the amount listed. Only mean values are additive. Some total mean values may not equal the sum of the component values due to independent rounding. Prices are in dollars per barrel(\$/Bbl) for oil, and dollars per thousand cubic feet (\$/Mcf) for gas.

Planning areas are based on pre December 2005 Federal Outer Continental Shelf Administrative Boundaries. (Federal Register vol. 71, no. 1, pages 127-131)

Assessment of Undiscovered Oil and Gas Resources of the Nation's Outer Continental Shelf, 2006																		
Pre December 22, 2005 Planning Area Configuration – For Comparison With Previous MMS Assessments Only																		
Region	Undiscovered Technically Recoverable Oil and Gas Resources (UTRR)									Undiscovered Economically Recoverable Oil and Gas Resources (UERR)								
	Oil (Bbo)			Gas (Tcfg)			BOE (Bbo)			\$30/Bbl	\$4.54/Mcf	\$46/Bbl	\$6.96/Mcf	\$60/Bbl	\$9.07/Mcf	\$80/Bbl	\$12.10/Mcf	
	Planning Area	95%	Mean	5%	95%	Mean	5%	95%	Mean	5%	Oil (Bbo)	Gas (Tcfg)	Oil (Bbo)	Gas (Tcfg)	Oil (Bbo)	Gas (Tcfg)	Oil (Bbo)	Gas (Tcfg)
											Mean	Mean	Mean	Mean	Mean	Mean	Mean	Mean
Alaska OCS*	8.66	26.61	55.14	48.28	132.06	279.62	17.25	50.11	104.89	1.45	3.00	8.35	26.86	16.62	64.91	21.50	93.99	
Chukchi Sea	2.32	15.38	40.08	10.32	76.77	209.53	4.15	29.04	77.36	0.00	0.00	2.37	7.91	8.38	34.43	12.00	54.44	
Beaufort Sea	0.41	8.22	23.24	0.65	27.64	72.18	0.53	13.14	36.08	0.47	0.59	4.12	8.79	5.97	15.94	6.92	19.97	
Hope Basin	0.00	0.15	0.60	0.00	3.77	14.98	0.00	0.82	3.27	0.00	0.00	0.02	0.04	0.04	0.34	0.09	1.53	
Navarin Basin	0.00	0.13	0.62	0.00	1.22	5.80	0.00	0.35	1.65	0.00	0.00	0.01	0.04	0.03	0.16	0.06	0.37	
North Aleutian Basin	0.02	0.75	2.50	0.40	8.62	23.28	0.09	2.29	6.65	0.38	0.91	0.63	5.85	0.71	7.65	0.74	8.40	
St. George Basin	0.00	0.21	0.79	0.00	2.80	11.15	0.00	0.71	2.77	0.00	0.00	0.04	0.06	0.08	0.37	0.13	1.05	
Norton Basin	0.00	0.06	0.24	0.00	3.06	13.27	0.00	0.60	2.61	0.00	0.00	0.00	0.04	0.01	0.64	0.04	1.97	
Cook Inlet	0.06	1.01	2.85	0.03	1.20	3.48	0.06	1.23	3.47	0.51	0.64	0.82	1.02	0.92	1.11	0.97	1.16	
Gulf of Alaska	0.00	0.63	2.04	0.00	4.65	16.00	0.00	1.45	4.89	0.08	0.48	0.31	1.88	0.43	2.66	0.52	3.21	
Shumagin	0.00	0.01	0.05	0.00	0.49	2.04	0.00	0.10	0.42	0.00	0.00	0.00	0.04	0.00	0.13	0.01	0.25	
Kodiak	0.00	0.05	0.20	0.00	1.84	7.62	0.00	0.38	1.55	0.01	0.39	0.03	1.19	0.04	1.48	0.04	1.65	
*The Aleutian Arc, Aleutian Basin, Bowers Basin, and St. Matthew-Hall Planning Areas in the Alaska OCS Region were not evaluated in this study as their petroleum potential is negligible.																		
Atlantic OCS	1.12	3.82	7.57	14.30	36.99	66.46	3.67	10.40	19.39	1.52	7.59	2.23	13.70	2.57	17.28	2.84	20.75	
North Atlantic	0.36	1.25	2.49	4.56	11.92	21.46	1.17	3.37	6.31	0.50	2.47	0.73	4.44	0.84	5.60	0.93	6.71	
Mid-Atlantic	0.37	1.19	2.36	4.68	10.93	19.28	1.20	3.14	5.79	0.52	2.55	0.76	4.44	0.86	5.47	0.94	6.47	
South Atlantic	0.39	1.38	2.72	5.05	14.14	25.72	1.29	3.89	7.29	0.50	2.58	0.74	4.83	0.87	6.22	0.97	7.57	
Gulf of Mexico OCS	41.21	44.92	49.11	218.83	232.54	249.08	80.15	86.30	93.43	30.53	128.29	35.79	162.83	38.20	184.79	40.21	201.55	
Western Gulf of Mexico	14.53	15.98	17.70	82.09	86.62	91.97	29.14	31.40	34.06	11.34	53.85	12.97	64.95	13.81	71.92	14.49	77.07	
Central Gulf of Mexico	21.52	22.67	24.04	105.74	113.61	124.62	40.33	42.89	46.22	15.33	65.38	18.08	82.64	19.26	92.57	20.26	100.19	
Eastern Gulf of Mexico	4.47	6.25	8.97	26.58	32.30	39.02	9.20	11.99	15.92	3.86	9.06	4.73	15.23	5.13	20.28	5.46	24.28	
Straits of Florida	0.01	0.02	0.03	0.01	0.02	0.02	0.01	0.02	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Pacific OCS	7.55	10.53	13.94	13.28	18.29	24.12	9.91	13.79	18.24	5.77	8.96	7.52	11.70	8.22	13.02	8.85	14.25	
Washington/Oregon	0.00	0.40	0.94	0.03	2.28	4.89	0.01	0.81	1.81	0.12	0.51	0.19	0.79	0.23	0.95	0.26	1.12	
Northern California	1.08	2.08	3.55	2.30	3.58	5.17	1.49	2.71	4.47	1.18	1.47	1.53	2.01	1.65	2.27	1.77	2.54	
Central California	1.17	2.31	3.76	1.10	2.41	4.06	1.37	2.74	4.49	1.59	1.70	1.90	2.01	2.04	2.14	2.13	2.24	
Southern California	3.51	5.74	8.53	6.41	10.03	14.69	4.65	7.52	11.14	2.88	5.28	3.90	6.89	4.30	7.65	4.69	8.35	
Total U.S. OCS	66.60	85.88	115.13	326.40	419.88	565.87	124.68	160.60	215.82	39.28	147.25	53.89	215.09	65.61	280.00	73.40	330.54	