

Organization	Effective Date	Region	Risky Estimates of Undiscovered Resources									Reserves			Cumulative Production			Total Endowment (Mean)			Comments		
			Oil (Bbbl)			Gas (Tcf)			BOE (Bbbl)			Oil (Bbbl)	Gas (Tcf)	BOE (Bbbl)	Oil (Bbbl)	Gas (Tcf)	BOE (Bbbl)						
			F ₉₅	Mean	F ₅	F ₉₅	Mean	F ₅	F ₉₅	Mean	F ₅												
USGS (Miller et al., 1975)	1/1/1975 UERR	Alaska OCS	3.20	16.10	33.00	8.00	44.00	80.00			23.93			0.16	0.15	0.19	0.46	0.42	0.53	16.72	44.57	24.65	1. 0-200m WD 2. Includes state waters 3. Florida Straits included in Atlantic OCS 4. Prevailing pre-1974 prices: \$4.17/bbl and \$0.22/mcf 5. Delphi subjective judgment
		Atlantic OCS	0.00	3.25	6.55	0.00	10.00	22.00			5.03			0.00	0.00	0.00	0.00	0.00	0.00	3.25	10.00	5.03	
		Gulf of Mexico OCS	3.45	6.25	10.23	18.00	50.00	91.00			15.15			4.66	102.35	22.87	4.14	32.14	9.85	15.05	184.49	47.87	
		Pacific OCS	2.00	3.00	5.00	2.00	3.00	6.00			3.53			1.31	0.86	1.47	1.50	1.42	1.75	5.81	5.28	6.75	
		Total OCS	11.05	28.60	53.53	42.00	107.00	181.00			47.64			6.13	103.36	24.52	6.09	33.98	12.14	40.82	244.33	84.30	
USGS (Dolton et al., 1981)	mid 1980 UERR	Alaska OCS	5.67	14.33	27.60	33.32	64.61	109.65			25.83			0.30	3.20	0.87	0.70	0.60	0.81	15.33	68.41	27.50	1. 0-2500m WD 2. Includes state waters 3. Florida Straits included in Atlantic OCS 4. Prevailing 1980 prices: \$28.07/bbl and \$1.59/mcf 5. Delphi subjective judgment
		Atlantic OCS	1.37	5.51	14.17	9.17	23.66	42.82			9.72			0.00	0.00	0.00	0.00	0.00	0.00	5.51	23.66	9.72	
		Gulf of Mexico OCS	5.01	8.09	16.20	41.66	71.84	114.15			20.87			2.70	73.90	15.85	5.60	55.30	15.44	16.39	201.04	52.16	
		Pacific OCS	1.83	4.04	8.33	3.73	6.89	13.55			5.27			1.70	2.30	2.11	1.90	1.50	2.17	7.64	10.69	9.54	
		Total OCS	21.03	31.97	51.68	117.42	167.00	230.65			61.69			4.70	79.40	18.83	8.20	57.40	18.41	44.87	303.80	98.93	
MMS Cooke, 1985	7/1/1984 UERR	Alaska OCS		3.33			13.85			5.79			0.00	0.00	0.00	0.00	0.00	0.00	3.33	13.85	5.79	1. 0-2500m WD 2. Includes Federal OCS only 3. Florida Straits included in Atlantic OCS 4. Starting: \$29/bbl and \$2.90/mcf escalated 5. PRESTO I prospect summation	
		Atlantic OCS		0.68			12.31			2.87			0.00	0.00	0.00	0.00	0.00	0.00	0.68	12.31	2.87		
		Gulf of Mexico OCS		6.03			59.64			16.64			3.41	43.70	11.19	5.90	62.50	17.02	15.34	165.84	44.85		
		Pacific OCS		2.19			4.70			3.03			1.15	2.14	1.53	0.28	0.16	0.31	3.62	7.00	4.87		
		Total OCS		12.23			90.50			28.33			4.56	45.84	12.72	6.18	62.66	17.33	22.97	199.00	58.38		
MMS Cooke et al., 1990	1/1/1987 UTRR	Alaska OCS	0.59	3.84	11.21	4.67	16.75	39.42			6.82			0.00	0.00	0.00	0.00	0.00	0.00	3.84	16.75	6.82	1. 0-2500m WD 2. Includes Federal OCS only 3. Florida Straits included in Atlantic OCS 4. Starting: \$18/bbl and \$1.80/mcf escalated 5. PRESTO III & DIST
		Atlantic OCS	0.09	0.96	3.15	6.78	17.03	33.71			3.99			0.00	0.00	0.00	0.00	0.00	0.00	0.96	17.03	3.99	
		Gulf of Mexico OCS	5.52	9.57	15.12	63.02	103.34	156.92			27.96			3.95	47.00	12.31	6.93	75.20	20.31	20.45	225.54	60.58	
		Pacific OCS	0.81	3.51	8.92	3.50	8.01	15.07			4.94			1.30	2.14	1.68	0.37	0.33	0.43	5.18	10.48	7.04	
		Total OCS	9.20	17.88	25.60	97.80	145.13	204.80			43.70			5.25	49.14	13.99	7.30	75.53	20.74	30.43	269.80	78.44	
	1/1/1987 UERR Primary Case	Alaska OCS	0.00	0.92	4.76	0.00	0.00	0.00			0.92			0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.92	
		Atlantic OCS	0.00	0.25	1.01	0.00	4.51	9.77			1.05			0.00	0.00	0.00	0.00	0.00	0.00	0.25	4.51	1.05	
		Gulf of Mexico OCS	2.77	5.64	9.88	36.01	64.33	103.65			17.09			3.95	47.00	12.31	6.93	75.20	20.31	16.52	186.53	49.71	
		Pacific OCS	1.78	2.10	6.02	1.78	5.17	11.04			3.02			1.30	2.14	1.68	0.37	0.33	0.43	3.77	7.64	5.13	
		Total OCS	4.00	8.91	14.30	44.30	74.01	113.84			22.08			5.25	49.14	13.99	7.30	75.53	20.74	21.46	198.68	56.81	
MMS Cooke, 1991	1/1/1990 UERR	Alaska OCS	0.00	1.87	7.16	0.00	0.00	0.00			1.87			0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.00	1.87	1. 0-2500m WD 2. Includes Federal OCS only 3. Florida Straits included in Atlantic OCS 4. \$18/bbl and \$1.80/mcf flat 5. PRESTO III
		Atlantic OCS	0.00	0.25	1.01	0.00	4.51	9.77			1.05			0.00	0.00	0.00	0.00	0.00	0.00	0.25	4.51	1.05	
		Gulf of Mexico OCS	1.24	6.34	17.16	27.90	64.74	122.68			17.86			3.03	40.20	10.18	7.84	88.90	23.66	17.21	193.84	51.70	
		Pacific OCS	0.63	2.49	6.12	2.46	6.15	12.14			3.58			1.48	2.20	1.87	0.46	0.48	0.55	4.43	8.83	6.00	
		Total OCS	3.56	10.95	23.93	46.44	75.40	133.68			24.36			4.51	42.40	12.05	8.30	89.38	24.21	23.76	207.18	60.62	

¹ Includes oil and condensate (natural gas liquids)

² Includes reserves appreciation if assessed

³ The Atlantic OCS figures reflect those from the 2014 Atlantic Assessment Update

Organization	Effective Date	Region	Risked Estimates of Undiscovered Resources									Reserves			Cumulative Production			Total Endowment (Mean)			Comments
			Oil (Bbbl)			Gas (Tcf)			BOE (Bbbl)			Oil (Bbbl)	Gas (Tcf)	BOE (Bbbl)	Oil (Bbbl)	Gas (Tcf)	BOE (Bbbl)	Oil (Bbbl)	Gas (Tcf)	BOE (Bbbl)	
			F ₉₅	Mean	F ₅	F ₉₅	Mean	F ₅	F ₉₅	Mean	F ₅										
MMS MMS, 1996	1/1/1995 UTRR	Alaska OCS	16.85	24.31	33.57	58.01	125.93	229.53	28.68	46.72	70.61	0.04	0.70	0.16	0.00	0.00	0.00	24.35	126.63	46.88	1. No WD limit 2. Includes Federal OCS only 3. Florida Straits included in Gulf of Mexico OCS 4. \$18/bbl and \$2.11/mcf flat 5. GRASP & PRESTO V
		Atlantic OCS	1.30	2.30	3.70	15.90	27.50	43.40	4.50	7.20	10.70	0.00	0.00	0.00	0.00	0.00	0.00	2.30	27.50	7.20	
		Gulf of Mexico OCS	6.00	8.30	11.10	82.30	95.70	110.30	21.20	25.40	30.00	8.60	65.60	20.27	9.34	112.60	29.38	26.24	273.90	75.05	
		Pacific OCS	9.00	10.70	12.60	15.20	18.90	23.20	11.80	14.10	16.60	1.23	2.03	1.59	0.68	0.65	0.79	12.61	21.58	16.48	
		Total OCS	37.10	45.61	55.30	186.30	268.03	369.20	72.90	93.42	117.00	9.87	68.33	22.03	10.02	113.25	30.17	65.50	449.61	145.62	
	1/1/1995 UERR	Alaska OCS	1.41	3.75	7.65	0.02	1.11	4.33	1.43	3.95	8.20	0.04	0.70	0.16	0.00	0.00	0.00	3.79	1.81	4.11	
		Atlantic OCS		0.40			5.20			1.33		0.00	0.00	0.00	0.00	0.00	0.00	0.40	5.20	1.33	
		Gulf of Mexico OCS		4.90			57.90			15.20		8.60	65.60	20.27	9.34	112.60	29.38	22.84	236.10	64.85	
		Total OCS		14.35			72.51			27.25		9.87	68.33	22.03	10.02	113.25	30.17	34.24	254.09	79.45	
MMS MMS, 2001	1/1/1999 UTRR	Alaska OCS	16.50	24.90	35.40	55.00	122.60	226.80	28.00	46.70	71.90	0.00	0.00	0.00	0.00	0.00	0.00	24.90	122.60	46.70	1. No WD limit 2. Includes Federal OCS only 3. Florida Straits included in Gulf of Mexico OCS 4. GRASP & PRESTO V
		Atlantic OCS	1.90	2.30	2.80	23.90	28.00	34.10	6.20	7.30	8.90	0.00	0.00	0.00	0.00	0.00	0.00	2.30	28.00	7.30	
		Gulf of Mexico OCS	33.40	37.10	44.90	180.40	192.70	207.20	65.50	71.40	81.80	12.09	103.23	30.46	10.91	132.70	34.52	60.10	428.63	136.38	
		Pacific OCS	9.00	10.70	12.60	15.20	18.90	23.20	11.80	14.10	16.60	1.58	1.85	1.91	0.92	1.02	1.10	13.20	21.77	17.11	
		Total OCS	63.70	75.00	88.30	292.10	362.20	468.60	117.80	139.50	166.90	13.67	105.08	32.37	11.83	133.72	35.62	100.50	601.00	207.49	
MMS MMS, 2006	1/1/2003 UTRR	Alaska OCS	8.66	26.61	55.14	48.28	132.06	279.62	17.25	50.11	104.89	0.03	0.00	0.03	0.01	0.00	0.01	26.65	132.06	50.15	1. No WD limit 2. Includes Federal OCS only 3. Florida Straits included in Gulf of Mexico OCS 4. GRASP II
		Atlantic OCS	1.12	3.82	7.57	14.30	36.99	66.46	3.67	10.40	19.39	0.00	0.00	0.00	0.00	0.00	0.00	3.82	36.99	10.40	
		Gulf of Mexico OCS	41.21	44.92	49.11	218.83	232.54	249.08	80.15	86.30	93.43	13.94	58.61	24.37	13.05	152.25	40.14	71.91	443.40	150.81	
		Pacific OCS	7.55	10.53	13.94	13.29	18.29	24.12	9.91	13.79	18.24	1.46	1.56	1.74	1.06	1.32	1.29	13.05	21.17	16.82	
		Total OCS	66.60	85.88	115.13	326.40	419.88	565.87	124.68	160.60	215.82	15.43	60.17	26.14	14.12	153.57	41.45	115.43	633.62	228.18	
BOEM BOEM, 2011 ³	1/1/2009 UTRR	Alaska OCS	8.81	26.61	55.53	47.43	131.45	271.04	17.25	50.00	103.76	0.03	0.00	0.03	0.03	0.00	0.03	26.67	131.45	50.06	1. No WD limit 2. Includes Federal OCS only 3. Florida Straits included in Gulf of Mexico OCS 4. GRASP II
		Atlantic OCS	1.32	4.72	9.23	11.81	37.51	67.69	3.42	11.39	21.27	0.00	0.00	0.00	0.00	0.00	0.00	4.72	37.51	11.39	
		Gulf of Mexico OCS	38.86	48.40	59.18	193.99	219.46	245.25	73.38	87.45	102.82	19.52	73.99	32.69	17.11	179.30	49.01	85.03	472.75	169.15	
		Pacific OCS	6.73	10.20	14.30	10.11	16.10	23.75	8.53	13.06	18.53	1.62	1.53	1.89	1.30	1.77	1.61	13.12	19.40	16.57	
		Total OCS	65.16	89.93	121.72	307.86	404.52	556.51	119.94	161.91	220.74	21.17	75.52	34.61	18.44	181.07	50.66	129.54	661.11	247.17	
BOEM BOEM, 2016a	1/1/2014 UTRR	Alaska OCS	37.43	27.28	19.09	96.76	131.55	167.98	67.32	50.70	36.30	0.01	0.00	0.01	0.03	0.00	0.03	26.65	131.45	50.04	1. No WD limit 2. Includes Federal OCS only 3. Florida Straits included in Gulf of Mexico OCS 4. GRASP II
		Atlantic OCS	9.19	4.59	1.15	12.80	38.17	68.71	21.41	11.39	3.43	0.00	0.00	0.00	0.00	0.00	0.00	4.59	38.17	11.39	
		Gulf of Mexico OCS	58.53	48.46	39.48	124.01	141.76	159.63	86.93	73.69	61.55	6.96	20.30	10.59	18.52	184.00	51.25	82.88	387.37	151.82	
		Pacific OCS	14.03	10.20	6.96	10.52	16.10	23.92	18.28	13.07	8.83	1.6	1.51	1.86	1.31	1.80	1.63	13.11	19.41	16.56	
		Total OCS	105.59	90.55	76.69	284.41	327.58	375.87	172.47	148.83	127.29	8.57	21.81	12.46	19.86	185.80	52.91	127.23	576.40	229.81	
BOEM BOEM, 2021	1/1/2019 UTRR	Alaska OCS	17.00	24.69	34.08	91.07	124.03	161.63	33.21	46.76	62.84	0.01	0.00	0.01	0.03	0.00	0.03	24.72	124.03	46.79	1. No WD limit 2. Includes Federal OCS only 3. Florida Straits included in Gulf of Mexico OCS 4. GRASP II
		Atlantic OCS	0.64	4.31	9.94	5.94	34.09	70.10	1.70	10.38	22.41	0.00	0.00	0.00	0.00	0.00	0.00	4.31	34.09	10.38	
		Gulf of Mexico OCS	23.31	29.59	36.27	46.88	54.84	62.56	31.65	39.35	47.40	3.44	5.70	4.45	21.42	189.80	55.21	54.45	250.34	99.07	
		Pacific OCS	6.91	10.20	14.20	10.15	16.07	23.43	8.72	13.06	18.37	0.24	0.34	0.30	1.37	1.85	1.70	11.80	18.26	15.06	
		Total OCS	57.32	68.79	81.75	183.46	229.03	278.22	89.96	109.54	131.25	3.68	6.04	4.76	22.82	191.65	56.94	95.29	426.72	171.24	

¹ Includes oil and condensate (natural gas liquids)

² Includes reserves appreciation if assessed

³ The Atlantic OCS figures reflect those from the 2014 Atlantic Assessment Update