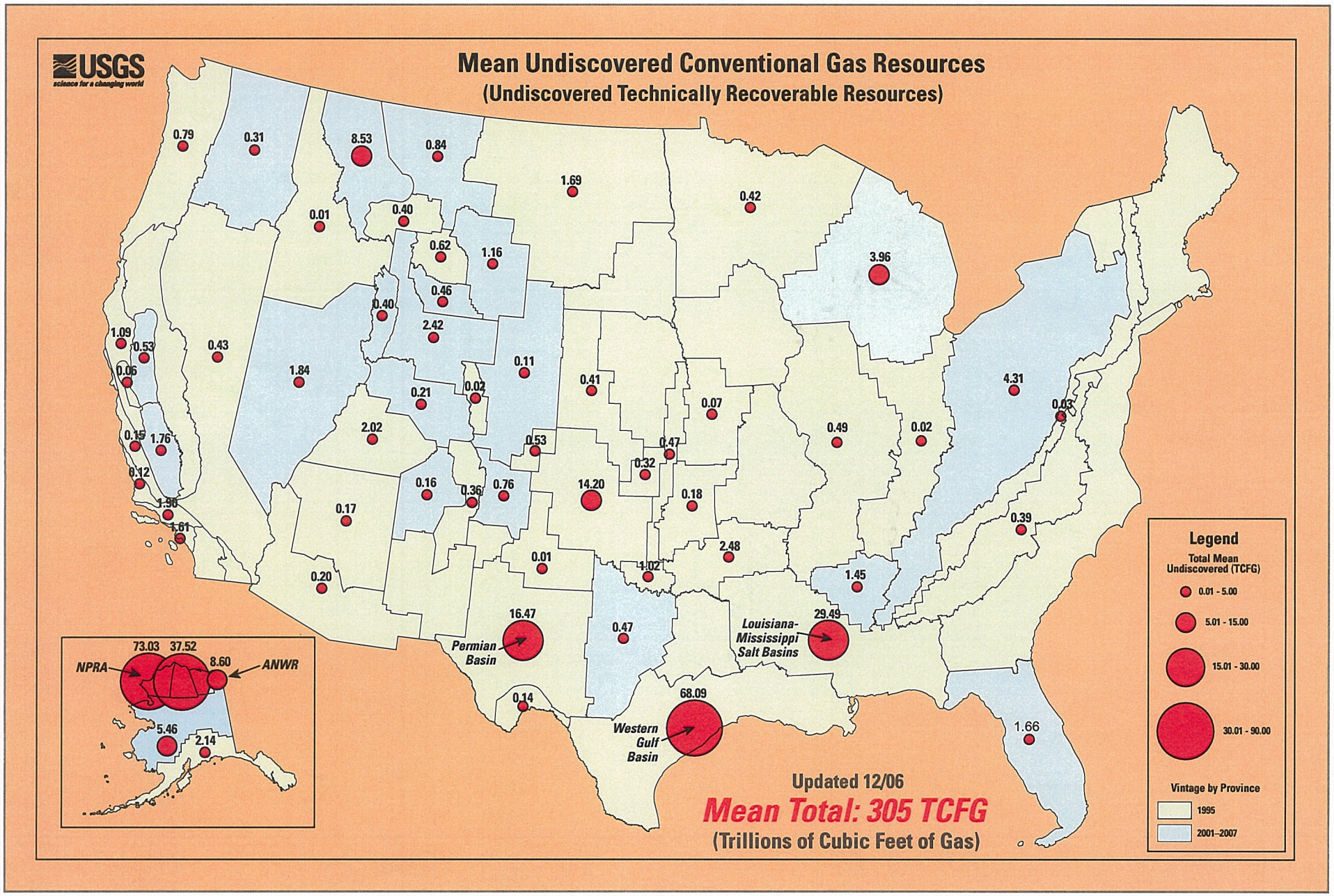
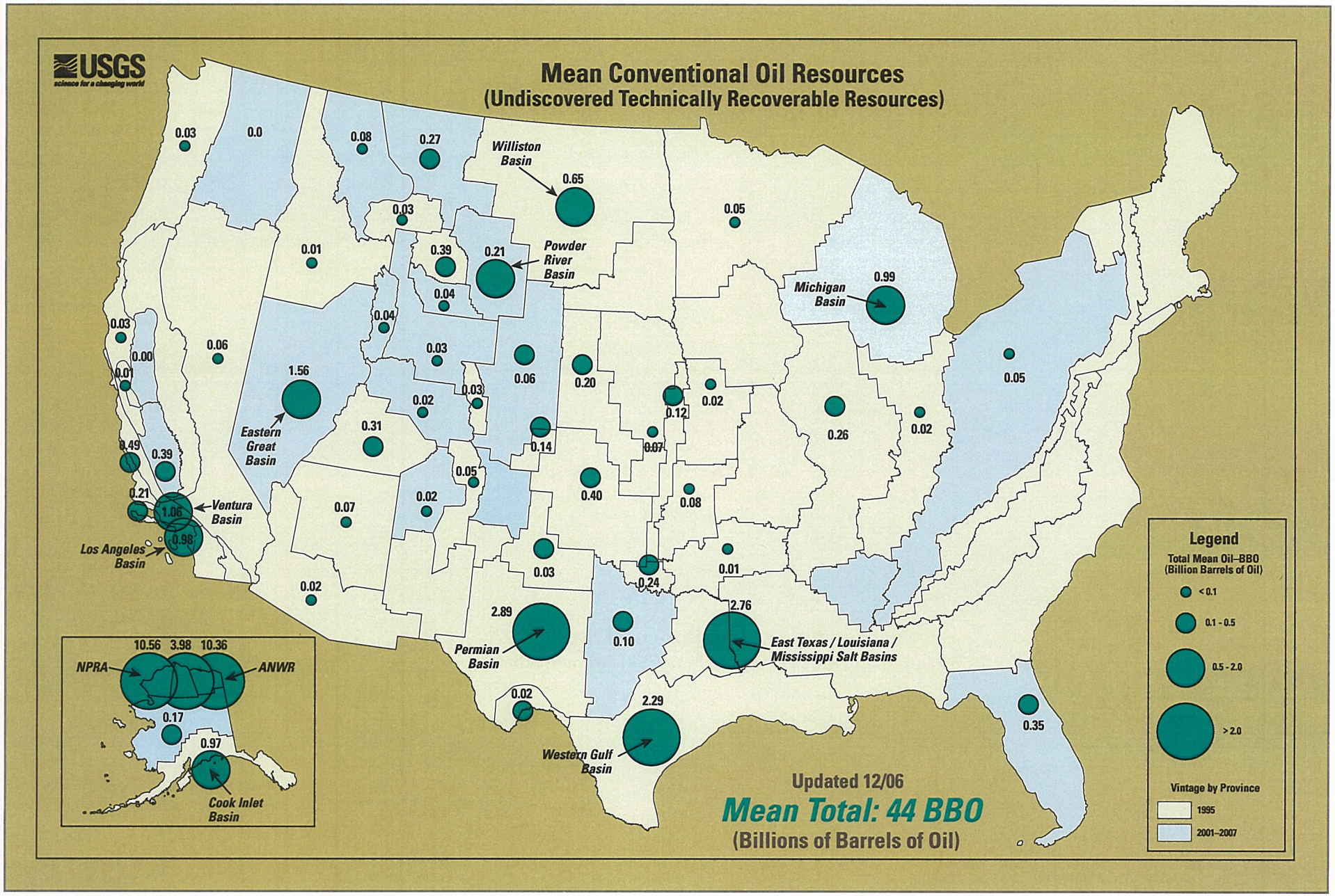

USGS
science for a changing world
Mean Undiscovered Conventional Gas Resources
(Undiscovered Technically Recoverable Resources)
0.79
0.31
8.53
0.84
1.69
0.42
0.01
0.40
0.62
1.16
3.96
0.46
0.40
2.42
1.09
0.53
0.06
0.43
1.84
0.11
0.41
0.21
0.02
0.07
4.31
0.03
0.49
0.02
2.02
0.53
0.47
0.32
0.15
1.76
0.12
0.16
0.36
0.76
14.20
0.18
1.50
1.61
0.17
0.39
2.48
0.01
1.02
1.45
0.20
16.47
0.47
29.49
Permian Basin
Louisiana-Mississippi Salt Basins
73.03
37.52
8.60
NPRA
ANWR
5.46
2.14
0.14
68.09
Western Gulf Basin
1.66
Updated 12/06
Mean Total: 305 TCFG
(Trillions of Cubic Feet of Gas)
Legend
Total Mean Undiscovered (TCFG)
0.01 - 5.00
5.01 - 15.00
15.01 - 30.00
30.01 - 90.00
Vintage by Province
1995
2001–2007


USGS
science for a changing world
Mean Conventional Oil Resources
(Undiscovered Technically Recoverable Resources)
Williston Basin
0.65
Powder River Basin
0.21
Michigan Basin
0.99
Eastern Great Basin
1.56
Ventura Basin
1.06
Los Angeles Basin
0.98
Permian Basin
2.89
East Texas / Louisiana / Mississippi Salt Basins
2.76
Western Gulf Basin
2.29
NPRA
10.56
ANWR
3.98
10.36
Cook Inlet Basin
0.17
0.97
Updated 12/06
Mean Total: 44 BBO
(Billions of Barrels of Oil)
Legend
Total Mean Oil–BBO
(Billion Barrels of Oil)
< 0.1
0.1 - 0.5
0.5 - 2.0
> 2.0
Vintage by Province
1995
2001–2007

USGS NATIONAL ASSESSMENT OF OIL AND GAS RESOURCES UPDATE (December, 2006)
CONVENTIONAL OIL AND GAS RESOURCES

	Province Number and Name	Vintage	Conventional Oil (billions of barrels)			Conventional Gas[1] (trillions of cubic feet)			Natural Gas Liquids (billions of barrels)		
			F95	F05	Mean	F95	F05	Mean	F95	F05	Mean
1a	North Slope ANWR	1998	5.72	15.95	10.36			8.60			0.32
1b	North Slope NPRA	2002	6.67	15.01	10.56			73.03			1.42
1c	North Slope Middle-ground Area	2005	2.56	5.85	3.98	26.62	50.90	37.52	0.33	0.66	0.48
2	Central Alaska	2004	0.00	0.59	0.17	0.00	14.63	5.46	0.00	0.35	0.01
3	Southern Alaska	1995	0.19	2.20	0.97	0.68	4.34	2.14	0.00	0.00	0.00
4	Western Oregon-Wash.	1995	0.00	0.12	0.03	0.10	1.94	0.79	0.00	0.01	0.01
5	Eastern Oregon-Wash.	2006	0.00	0.00	0.00	0.00	0.86	0.31	0.00	0.01	0.01
7	Northern Coastal	1995	0.01	0.09	0.03	0.35	2.33	1.09	0.00	0.01	0.01
8	Sonoma-Livermore	1995	0.00	0.06	0.01	0.00	0.42	0.06	0.00	0.00	0.00
9	Sacramento Basin	2007	0.00	0.00	0.00	0.14	1.07	0.53	0.05	0.77	0.26
10	San Joaquin Basin	2004	0.08	0.85	0.39	0.32	4.33	1.76	0.01	0.22	0.09
11	Central Coastal	1995	0.10	1.17	0.49	0.03	0.37	0.15	0.01	0.01	0.01
12	Santa Maria Basin	1995	0.02	0.60	0.21	0.01	0.35	0.12	0.01	0.03	0.01
13	Ventura Basin	1995	0.28	2.27	1.06	0.66	3.66	1.90	0.02	0.12	0.06
14	Los Angeles Basin	1995	0.41	1.78	0.98	0.61	3.08	1.61	0.02	0.11	0.06
17	Idaho-Snake River Downwarp	1995	0.00	0.01	0.01	0.00	0.09	0.01	0.00	0.00	0.00
18	Western Great Basin	1995	0.00	0.37	0.06	0.00	2.49	0.43	0.00	0.00	0.00
19	Eastern Great Basin	2005	0.24	3.80	1.56	0.19	4.98	1.84	0.01	0.23	0.08
20	Uinta-Piceance Basin	2002	0.00	0.04	0.02	0.07	0.44	0.21	0.00	0.01	0.00
21	Paradox Basin	1995	0.11	0.61	0.31	0.93	3.48	2.02	0.03	0.17	0.09
22	San Juan Basin	2002	0.00	0.04	0.02	0.06	0.31	0.16	0.00	0.01	0.00
23	Albuquerque-Sante Fe Rift	1995	0.00	0.15	0.05	0.00	1.29	0.36	0.00	0.06	0.02
24	Northern Arizona	1995	0.00	0.32	0.07	0.00	0.96	0.17	0.00	0.08	0.01
25	S. Ariz.-S.W. New Mexico	1995	0.00	0.06	0.02	0.01	0.53	0.20	0.01	0.05	0.02
26	South-Central New Mexico	1995	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Montana Thrust Belt	2002	0.01	0.19	0.08	1.10	20.67	8.53	0.03	0.59	0.23
28	Central Montana	1995	0.13	0.42	0.27	0.40	1.37	0.84	0.01	0.01	0.01
29	Southwest Montana	1995	0.00	0.13	0.03	0.12	0.76	0.40	0.01	0.01	0.01
31	Williston Basin	1995	0.25	1.17	0.65	0.89	2.61	1.69	0.07	0.22	0.14
33	Powder River Basin	2007	0.06	0.43	0.21	0.23	2.63	1.16	0.02	0.25	0.11
34	Big Horn Basin	1995	0.08	0.87	0.39	0.24	1.19	0.62	0.01	0.02	0.01
35	Wind River Basin	2005	0.01	0.09	0.04	0.11	0.97	0.46	0.00	0.00	0.00
36	Wyoming Thrust Belt	2003	0.01	0.08	0.04	0.01	0.82	0.40	0.01	0.09	0.04
37	Southwestern Wyoming	2002	0.01	0.07	0.03	0.61	5.38	2.42	0.02	0.17	0.07
38	Park Basins	1995	0.01	0.11	0.03	0.01	0.07	0.02	0.00	0.01	0.00
39	Denver Basin	2003	0.01	0.16	0.06	0.02	0.31	0.11	0.00	0.02	0.01
40	Las Animas Arch	1995	0.04	0.28	0.14	0.20	1.07	0.53	0.01	0.03	0.01
41	Raton Basin-Sierra Grande Uplift	2004	0.00	0.00	0.00	0.21	1.28	0.76	0.01	0.05	0.03
43	Palo Duro Basin	1995	0.01	0.07	0.03	0.01	0.01	0.01	0.00	0.00	0.00
44	Permian Basin	1995	1.59	4.52	2.89	10.56	23.32	16.47	0.40	0.88	0.61
45	Bend Arch-Ft. Worth Basin	2003	0.03	0.18	0.10	0.15	0.87	0.47	0.00	0.05	0.02
46	Marathon Thrust Belt	1995	0.01	0.04	0.02	0.06	0.28	0.14	0.01	0.02	0.01
47	Western Gulf	1995	0.73	4.56	2.29	44.11	96.18	68.09	1.04	2.20	1.57
49	East Texas Basin/LA-MS Salt Basins	1995	0.88	5.39	2.76	18.81	42.34	29.49	0.57	2.10	1.21
50	Florida Peninsula	2001	0.04	0.85	0.35	0.00	4.25	1.66	0.00	0.05	0.06
51	Superior	1995	0.00	0.44	0.05	0.00	2.95	0.42	0.00	0.01	0.01
53	Cambridge Arch-Central Kansas	1995	0.04	0.43	0.20	0.08	1.04	0.41	0.01	0.04	0.02
55	Nemaha Uplift	1995	0.03	0.29	0.12	0.17	0.96	0.47	0.01	0.06	0.03
56	Forest City Basin	1995	0.00	0.06	0.02	0.00	0.19	0.07	0.00	0.01	0.01
58	Anadarko Basin	1995	0.21	0.66	0.40	8.72	21.27	14.20	0.13	0.28	0.19
59	Sedgwick Basin/Salina Basin	1995	0.02	0.12	0.07	0.14	0.51	0.32	0.01	0.03	0.02
60	Cherokee Platform	1995	0.02	0.17	0.08	0.07	0.34	0.18	0.01	0.02	0.01
61	Southern Oklahoma	1995	0.05	0.57	0.24	0.47	1.79	1.02	0.01	0.05	0.02
62	Arkoma Basin	1995	0.00	0.07	0.01	1.17	4.22	2.48	0.04	0.13	0.08
63	Michigan Basin	2004	0.29	1.88	0.99	1.16	7.73	3.96	0.06	0.45	0.22
64	Illinois Basin	1995	0.05	0.57	0.26	0.01	3.24	0.49	0.00	0.00	0.00
65	Black Warrior Basin	2002	0.00	0.01	0.00	0.02	3.34	1.45	0.00	0.02	0.01
66	Cincinnati Arch	1995	0.01	0.04	0.02	0.01	0.04	0.02	0.00	0.01	0.01
67	Appalachian Basin	2002	0.01	0.10	0.05	1.26	8.28	4.31	0.01	0.80	0.04
68	Blue Ridge Thrust Belt	1995	0.00	0.00	0.00	0.00	0.15	0.03	0.00	0.00	0.00
69	Piedmont	1995	0.00	0.00	0.00	0.00	1.19	0.39	0.00	0.00	0.00
	TOTALS				44.28			304.96			7.79

[1]includes non-associated and associated-dissolved gas resources

DNR	Oil MBO Produced	Oil MBO Remaining	Gas TCF Produced	Gas TCF Remaining
Cook Inlet	1.3	0.1	7.3	1.7
PBU & Sats	11.5	2.7		23.0
GPMA	0.7	0.3		1.5
KRU	2.2	1.3		1.2
Milne	0.3	0.3		
Collvile River (Alpine)	0.2	0.5		0.4
Badami	0.0	0.0		0.0
Northstar	0.1	0.1		0.5
Duck Island (Endicott)	0.5	0.1		0.8
Point Thomson	0.0	0.3		8.0
Other (Liberty)	0.0	0.4		0.0
	16.7	**6.0**		**37.0**

Undiscovered Technically Recoverable Resource Offshore (MMS)

	Liquids GBOE	Gas TCF
Beafort Sea	8.2	27.6
Chukchi Sea (Northwestern)	15.4	76.8
Cook Inlet	1.0	1.2
Gulf of Alaska	0.6	4.7
Hope Basin	0.2	3.8
Kodiak Shelf	0.0	1.8
North Aleutian Basin	0.8	8.6
Shumagin Shelf	0.0	0.5
St. George Basin	0.2	2.8
	26.4	**127.8**

Undiscovered Technically Recoverable Resource Onshore (USGS)

	Liquids GBOE	Gas TCF	NGL GBOE
North Slope ANWR	10.4	8.6	0.3
North Slope NPRA	10.6	73.0	1.4
North SLope Middle-ground Area	4.0	37.5	0.5
Central Alaska	0.2	5.5	0.0
Southern Alaska	1.0	2.1	0.0