Table 14. Shale Gas Proved Reserves, Reserves Changes, and Production, Wet After Lease Separation, 2009 (Billion Cubic Feet at 14.73 psia and 60° Fahrenheit)

State and Subdivision	Published Proved Reserves 12/31/08	Changes in Reserves During 2009: Adjustments (+,–)	Revision Increases (+)	Revision Decreases (–)	Sales (–)	Acquisitions (+)	Extensions (+)	New Field Discoveries (+)	New Reservoir Discoveries in Old Fields (+)	Estimated Production (–)	Proved Reserves 12/31/09
Alaska	0	0	0	0	0	0	0	0	0	0	0
Lower 48 States	**34,428**	**1,690**	**6,363**	**3,642**	**563**	**665**	**22,332**	**868**	**1,613**	**3,110**	**60,644**
Alabama	2	0	0	2	0	0	0	0	0	0	0
Arkansas	3,833	2	1,585	261	3	0	4,441	0	0	527	9,070
California	0	0	0	0	0	0	0	0	0	0	0
Colorado	0	1	0	0	0	0	0	4	0	1	4
Florida	0	0	0	0	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0	0	0	0	0
Kentucky	20	-1	44	3	0	0	0	0	0	5	55
Louisiana	858	131	636	826	3	0	7,183	244	1,377	293	9,307
North Onshore	858	131	636	826	3	0	7,183	244	1,377	293	9,307
South Onshore	0	0	0	0	0	0	0	0	0	0	0
State Offshore	0	0	0	0	0	0	0	0	0	0	0
Michigan	2,894	-167	149	276	0	16	15	0	0	132	2,499
Mississippi	0	0	0	0	0	0	0	0	0	0	0
Montana	125	8	42	34	2	2	3	0	0	7	137
New Mexico	0	10	2	2	0	0	28	0	0	2	36
East	0	10	0	2	0	0	0	0	0	1	7
West	0	0	2	0	0	0	28	0	0	1	29
New York	0	0	0	0	0	0	0	0	0	0	0
North Dakota	24	101	119	17	1	1	159	6	1	25	368
Ohio	0	0	0	0	0	0	0	0	0	0	0
Oklahoma	3,845	1	1,373	865	0	0	2,122	0	162	249	6,389
Pennsylvania	88	450	299	53	0	542	2,409	120	0	65	3,790
Texas	22,667	990	2,052	1,267	554	104	5,546	353	65	1,789	28,167
RRC District 1	2	5	1	0	0	0	85	353	0	11	435
RRC District 2 Onshore	0	0	0	0	0	0	0	0	0	0	0
RRC District 3 Onshore	0	0	0	0	0	0	0	0	0	0	0
RRC District 4 Onshore	0	53	0	0	0	0	0	0	30	5	78
RRC District 5	11,408	657	928	587	5	21	2,223	0	0	954	13,691
RRC District 6	173	40	422	8	0	0	541	0	21	28	1,161
RRC District 7B	2,337	56	119	181	496	24	308	0	0	145	2,022
RRC District 7C	0	0	0	0	0	0	0	0	0	0	0
RRC District 8	48	-1	2	22	0	0	0	0	0	3	24
RRC District 8A	0	0	0	0	0	0	0	0	0	0	0
RRC District 9	8,700	179	580	469	53	59	2,389	0	14	643	10,756
RRC District 10	0	0	0	0	0	0	0	0	0	0	0
State Offshore	0	0	0	0	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0	0	0	0	0
West Virginia	14	140	58	13	0	0	351	141	8	11	688
Wyoming	0	1	0	1	0	0	0	0	0	0	0
Federal Offshore	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous[a]	58	23	4	22	0	0	75	0	0	4	134
U.S. Total	**34,428**	**1,690**	**6,363**	**3,642**	**563**	**665**	**22,332**	**868**	**1,613**	**3,110**	**60,644**

[a]Includes Indiana, Missouri, and Tennessee.

Note: The above table is based on shale gas proved reserves and production volumes as reported to the EIA on Form EIA-23 "Annual Survey of Domestic Oil and Gas Reserves." It does not include EIA-estimated volumes for the non-surveyed operators. For this and other reasons (e.g. incorrect or incomplete respondent submissions, respondent mis-identification of shale vs non-shale reservoirs) the actual proved reserves and production of shale plays may be higher or lower. The production estimates are offered only as an observed indicator of production trends and may differ from production volumes listed elsewhere on the EIA web page.

Source: U.S. Energy Information Administration.