

**Table 10: Total natural gas proved reserves, reserves changes, and production, wet after lease separation, 2018**

billion cubic feet

State and subdivision	Changes in reserves during 2018									
	Published Proved Reserves 12/31/17	Adjustments (+,-)	Revision Increases (+)	Revision Decreases (-)	Sales (-)	Acquisitions (+)	Extensions & Discoveries (+)	Estimated Production (-)	Proved Reserves 12/31/18	
Alaska	6,574	86	2,086	575	0	777	265	328	8,885	
<b>Lower 48 States</b>	<b>457,718</b>	<b>8,684</b>	<b>39,380</b>	<b>68,578</b>	<b>24,875</b>	<b>37,844</b>	<b>79,192</b>	<b>33,749</b>	<b>495,616</b>	
Alabama	1,542	-85	81	47	84	28	0	134	1,301	
Arkansas	8,272	-258	83	193	5,851	5,278	7	595	6,743	
Arizona	M	M	M	M	M	M	M	M	M	
<b>California</b>	<b>1,663</b>	<b>-40</b>	<b>138</b>	<b>112</b>	<b>18</b>	<b>17</b>	<b>42</b>	<b>134</b>	<b>1,556</b>	
Coastal Region Onshore	197	21	20	17	11	1	4	9	206	
Los Angeles Basin Onshore	56	-3	12	0	5	4	0	5	59	
San Joaquin Basin Onshore	1,363	-59	92	94	2	12	36	117	1,231	
State Offshore	47	1	14	1	0	0	2	3	60	
Colorado	28,727	18	2,939	5,140	987	954	1,431	1,810	26,132	
Florida	M	M	M	M	M	M	M	M	M	
Idaho	M	M	M	M	M	M	M	M	M	
Illinois	M	M	M	M	M	M	M	M	M	
Indiana	M	M	M	M	M	M	M	M	M	
Kansas	2,897	29	95	136	5	0	0	195	2,685	
Kentucky	1,221	5	7	53	962	1,279	0	103	1,394	
<b>Louisiana</b>	<b>36,481</b>	<b>-1,309</b>	<b>3,767</b>	<b>7,221</b>	<b>2,293</b>	<b>1,585</b>	<b>6,201</b>	<b>2,818</b>	<b>34,393</b>	
North	34,049	-1,119	3,627	6,987	2,260	1,580	6,091	2,565	32,416	
South Onshore	2,197	-241	110	231	33	5	110	216	1,701	
State Offshore	235	51	30	3	0	0	0	37	276	
Maryland	M	M	M	M	M	M	M	M	M	
Michigan	1,509	178	79	35	128	0	0	90	1,513	
Mississippi	351	2	14	8	52	9	0	36	280	
Missouri	M	M	M	M	M	M	M	M	M	
Montana	631	43	53	64	8	0	3	46	612	
Nebraska	M	M	M	M	M	M	M	M	M	
Nevada	M	M	M	M	M	M	M	M	M	
<b>New Mexico</b>	<b>20,858</b>	<b>-370</b>	<b>1,892</b>	<b>2,150</b>	<b>605</b>	<b>1,503</b>	<b>5,474</b>	<b>1,512</b>	<b>25,090</b>	
East	10,734	-22	1,456	1,788	48	109	5,282	925	14,798	
West	10,124	-348	436	362	557	1,394	192	587	10,292	
New York	104	-25	38	3	0	0	0	12	102	
North Dakota	10,376	441	1,228	490	115	89	1,507	862	12,174	
Ohio	27,021	1,015	2,803	9,316	4,388	7,218	2,426	2,381	24,398	
Oklahoma	38,549	3,454	2,968	8,774	1,520	354	8,398	2,916	40,513	
Oregon	M	M	M	M	M	M	M	M	M	
Pennsylvania	90,788	3,962	4,440	14,803	172	4,675	22,263	6,210	104,943	
South Dakota	M	M	M	M	M	M	M	M	M	
Tennessee	M	M	M	M	M	M	M	M	M	
<b>Texas</b>	<b>115,249</b>	<b>3,492</b>	<b>13,874</b>	<b>11,306</b>	<b>5,226</b>	<b>10,324</b>	<b>20,997</b>	<b>9,206</b>	<b>138,198</b>	
RRC District 1	9,307	562	727	1,466	531	1,102	3,110	741	12,070	
RRC District 2 Onshore	5,804	311	277	678	218	302	815	760	5,853	
RRC District 3 Onshore	2,832	205	422	709	160	258	166	282	2,732	
RRC District 4 Onshore	17,981	-614	670	1,177	134	12	3,133	1,063	18,808	
RRC District 5	12,988	-163	119	1,542	1,522	1,288	613	903	10,878	
RRC District 6	15,513	2,274	5,123	1,262	202	1,330	3,944	1,030	25,690	
RRC District 7B	2,148	240	34	141	239	164	0	157	2,049	
RRC District 7C	8,400	-603	1,464	875	384	229	1,143	684	8,690	
RRC District 8	23,632	862	3,917	2,087	832	4,829	6,578	2,508	34,391	
RRC District 8A	1,490	-59	210	36	15	4	38	129	1,503	
RRC District 9	8,186	451	225	236	801	618	325	501	8,267	
RRC District 10	6,921	32	685	1,093	188	188	1,132	443	7,234	
State Offshore	47	-6	1	4	0	0	0	5	33	
Utah	3,889	76	219	136	705	5	294	297	3,345	
Virginia	2,741	-8	46	168	90	87	57	111	2,554	
West Virginia	35,855	-133	2,034	6,816	1,124	1,453	8,946	1,771	38,444	
Wyoming	22,352	-1,952	1,349	1,138	343	2,736	802	1,501	22,305	
<b>Federal Offshore<sup>a</sup></b>	<b>6,472</b>	<b>216</b>	<b>1,225</b>	<b>463</b>	<b>193</b>	<b>250</b>	<b>344</b>	<b>1,004</b>	<b>6,847</b>	
Pacific (California)	35	-3	204	3	0	0	0	3	230	
Gulf of Mexico (Central & Eastern)	5,869	162	905	398	193	250	227	857	5,965	
Gulf of Mexico (Western)	568	57	116	62	0	0	117	144	652	
Miscellaneous <sup>b</sup>	170	-67	8	6	6	0	0	5	94	
<b>U.S. Total</b>	<b>464,292</b>	<b>8,770</b>	<b>41,466</b>	<b>69,153</b>	<b>24,875</b>	<b>38,621</b>	<b>79,457</b>	<b>34,077</b>	<b>504,501</b>	

<sup>a</sup> Includes Federal Offshore Louisiana, Mississippi, Alabama, and Florida.

<sup>b</sup> M - Miscellaneous states include Arizona, Florida, Idaho, Illinois, Indiana, Maryland, Missouri, Nebraska, Nevada, Oregon, South Dakota, and Tennessee.

Individual state volumes are withheld to avoid disclosure of operator level reserves data, due to statistical precision requirements, or due to data quality reasons.

Note: The production estimates in this table are based on data reported on Form EIA-23L, *Annual Report of Domestic Oil and Gas Reserves*.

They may differ from the official Energy Information Administration production data for natural gas for 2018 contained in the *Natural Gas Annual 2018*, DOE/EIA-0131(18).

[EIA Natural Gas Data](#)

Natural gas is measured at 60 degrees Fahrenheit and atmospheric pressure base of 14.73 pounds per square inch (psia).

Source: U.S. Energy Information Administration, Form EIA-23L, *Annual Report of Domestic Oil and Gas Proved Reserves*