

Table 12: Proved reserves, reserves changes, and production of associated-dissolved natural gas, wet after lease separation, 2019

billion cubic feet

State and Subdivision	Changes in Reserves During 2019								Proved Reserves 12/31/19
	Published Proved Reserves 12/31/18	Adjustments (+,-)	Revision Increases (+)	Revision Decreases (-)	Sales (-)	Acquisitions (+)	Extensions & Discoveries (+)	Estimated Production (-)	
Alaska	7,257	-236	966	5	0	39	210	227	8,004
Lower 48 States	112,389	-3,238	12,463	18,638	6,595	9,765	17,639	9,933	113,852
Alabama	97	-9	27	1	0	0	5	12	107
Arkansas	52	5	0	0	0	0	0	5	52
California	1,427	-91	150	223	1	1	53	112	1,204
Coastal Region Onshore	206	-51	41	31	0	0	3	11	157
Los Angeles Basin Onshore	59	1	16	13	1	1	3	6	60
San Joaquin Basin Onshore	1,102	-41	93	176	0	0	45	92	931
State Offshore	60	0	0	3	0	0	2	3	56
Colorado	11,581	-295	1,200	1,469	2,330	2,514	777	949	11,029
Kansas	407	-47	9	51	86	42	0	27	247
Kentucky	6	0	3	1	0	0	0	1	7
Louisiana	1,408	8	174	261	1	2	20	109	1,241
North	891	26	57	228	0	0	1	48	699
South Onshore	454	-17	27	25	1	2	19	46	413
State Offshore	63	-1	90	8	0	0	0	15	129
Michigan	44	67	17	17	0	0	3	12	102
Mississippi	26	16	3	0	0	0	0	14	31
Montana	260	81	1	30	0	2	38	25	327
New Mexico	12,542	-1,317	745	1,998	339	101	4,405	915	13,224
East	12,246	-1,279	721	1,998	335	101	4,388	884	12,960
West	296	-38	24	0	4	0	17	31	264
New York	4	3	0	3	0	0	0	0	4
North Dakota	12,151	-396	1,167	600	3	309	1,482	1,058	13,052
Ohio	456	13	112	55	0	0	0	33	493
Oklahoma	12,863	1,151	797	4,636	910	1,883	1,738	962	11,924
Pennsylvania	149	12	0	26	0	0	0	11	124
Texas	52,121	-2,702	7,337	8,635	1,859	4,411	8,671	4,684	54,660
RRC District 1	5,929	-228	380	705	2	263	532	456	5,713
RRC District 2 Onshore	2,864	-56	250	199	4	63	496	409	3,005
RRC District 3 Onshore	1,003	-15	29	66	283	205	39	78	834
RRC District 4 Onshore	101	7	1	3	0	0	0	10	96
RRC District 5	899	-865	15	1	2	10	0	7	49
RRC District 6	1,357	-11	603	209	113	6	19	114	1,538
RRC District 7B	217	-29	13	12	2	6	0	18	175
RRC District 7C	7,517	-138	956	1,300	158	89	1,491	696	7,761
RRC District 8	28,427	-1,082	4,724	5,782	1,179	3,589	6,010	2,608	32,099
RRC District 8A	1,481	-3	131	94	9	63	34	127	1,476
RRC District 9	1,320	-203	177	41	5	48	0	91	1,205
RRC District 10	1,006	-79	58	223	102	69	50	70	709
State Offshore	0	0	0	0	0	0	0	0	0
Utah	809	54	2	308	1	76	26	77	581
Virginia	0	0	0	0	0	0	0	0	0
West Virginia	13	15	9	1	0	0	0	6	30
Wyoming	1,282	0	37	125	9	10	231	138	1,288
Federal Offshore	4,673	193	673	194	1,056	414	190	782	4,111
Pacific (California)	230	-1	16	54	0	0	0	3	188
Gulf of Mexico (Central & Eastern) ^a	3,954	119	614	138	896	412	188	630	3,623
Gulf of Mexico (Western)	489	75	43	2	160	2	2	149	300
Other states ^b	18	1	0	4	0	0	0	1	14
U.S. Total	119,646	-3,474	13,429	18,643	6,595	9,804	17,849	10,160	121,856

^a Includes Federal offshore Louisiana, Mississippi, Alabama, and Florida.

^b Other states include Arizona, Idaho, Illinois, Indiana, Maryland, Missouri, Nebraska, Nevada, Oregon, South Dakota, and Tennessee. Individual state data are withheld to avoid disclosure of operator-level reserves data, or because of other statistical precision or 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 slightly from the official U.S. EIA production data for associated-dissolved natural gas for 2019 contained in the *Natural Gas Annual 2019*, DOE/EIA-0131(19).

[EIA Natural Gas Data](#)

Natural gas is measured at 60 degrees Fahrenheit and at an 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*