

Table 10: Proved reserves, reserves changes, and production of natural gas, wet after lease separation, 2019

billion cubic feet

State and subdivision	Changes in reserves during 2019								
	Published Proved Reserves 12/31/18	Adjustments (+,-)	Revision Increases (+)	Revision Decreases (-)	Sales Acquisitions (-)	Extensions & Discoveries (+)	Estimated Production (-)	Proved Reserves 12/31/19	
Alaska	8,885	-436	1,041	120	0	39	270	299	9,380
Lower 48 States	495,616	-9,358	51,678	87,878	18,692	34,824	56,454	37,113	485,531
Alabama	1,301	-30	95	58	313	545	6	123	1,423
Arkansas	6,743	35	78	552	195	262	0	535	5,836
California	1,556	-94	207	258	2	1	90	131	1,369
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	1,231	-44	150	211	1	0	82	111	1,096
State Offshore	60	0	0	3	0	0	2	3	56
Colorado	26,132	-883	2,976	3,820	2,394	2,657	1,375	1,928	24,115
Kansas	2,685	-67	34	140	836	804	1	178	2,303
Kentucky	1,394	-9	84	56	0	20	0	64	1,369
Louisiana	34,393	-2,186	9,920	10,565	1,613	7,190	2,862	3,222	36,779
North	32,416	-2,232	9,760	10,282	1,575	7,083	2,801	3,001	34,970
South Onshore	1,701	-98	67	194	38	107	61	173	1,433
State Offshore	276	144	93	89	0	0	0	48	376
Michigan	1,513	-22	46	111	356	278	3	90	1,261
Mississippi	280	-13	3	23	2	16	0	34	227
Montana	612	92	1	67	1	5	38	49	631
Nebraska	3	-1	0	0	0	0	0	0	2
New Mexico	25,090	-2,513	1,195	3,500	496	164	5,537	1,758	23,719
East	14,798	-1,465	911	2,797	358	164	4,719	1,205	14,767
West	10,292	-1,048	284	703	138	0	818	553	8,952
New York	102	15	11	36	0	0	0	11	81
North Dakota	12,174	-385	1,169	601	3	309	1,482	1,062	13,083
Ohio	24,398	-826	8,023	4,086	16	8,183	1,681	2,609	34,748
Oklahoma	40,513	292	8,940	15,684	3,680	4,413	4,127	3,088	35,833
Pennsylvania	104,943	87	4,718	9,044	604	431	13,822	6,961	107,392
Texas	138,198	-3,156	10,336	26,681	5,236	7,278	15,725	10,324	126,140
RRC District 1	12,070	-188	397	2,392	71	510	727	777	10,276
RRC District 2 Onshore	5,853	126	275	596	809	541	821	805	5,406
RRC District 3 Onshore	2,732	4	83	464	606	355	342	299	2,147
RRC District 4 Onshore	18,808	-229	117	2,528	193	119	1,465	1,062	16,497
RRC District 5	10,878	-774	83	1,018	291	591	166	804	8,831
RRC District 6	25,690	-851	2,811	7,536	468	1,153	3,153	1,387	22,565
RRC District 7B	2,049	12	28	263	298	6	0	123	1,411
RRC District 7C	8,690	113	992	1,673	166	90	1,491	796	8,741
RRC District 8	34,391	-1,084	4,878	7,456	1,225	3,655	7,035	3,315	36,879
RRC District 8A	1,503	1	131	97	9	63	34	130	1,496
RRC District 9	8,267	-175	314	566	701	123	25	434	6,853
RRC District 10	7,234	-111	227	2,091	397	72	466	389	5,011
State Offshore	33	0	0	1	2	0	0	3	27
Utah	3,345	225	51	997	1,123	1,110	26	275	2,362
Virginia	2,554	30	22	216	2	1	11	102	2,298
West Virginia	38,444	1	2,285	7,496	380	435	8,979	2,138	40,130
Wyoming	22,305	-191	660	3,490	42	53	364	1,334	18,325
Federal Offshore	6,847	246	821	378	1,379	666	325	1,092	6,056
Pacific (California)	230	-1	16	54	0	0	0	3	188
Gulf of Mexico (Central & Eastern) ^a	5,965	139	736	304	1,213	638	323	881	5,403
Gulf of Mexico (Western)	652	108	69	20	166	28	2	208	465
Other states ^b	91	-5	3	19	19	3	0	5	49
U.S. Total	504,501	-9,794	52,719	87,998	18,692	34,863	56,724	37,412	494,911

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

^b Other states include Arizona, Florida, Idaho, Illinois, Indiana, Maryland, Missouri, 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 from the official Energy Information Administration production data for 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*