

Table 7: Proved reserves, reserves changes, and production of crude oil, 2019

million barrels

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	2,421	-56	364	8	0	51	79	171	2,680	
Lower 48 States	41,403	-517	3,365	5,600	1,833	2,692	5,999	3,998	41,511	
Alabama	48	0	0	4	4	0	3	4	39	
Arkansas	33	4	0	0	0	0	0	4	33	
California	2,296	84	313	371	22	1	74	162	2,213	
Coastal Region Onshore	469	-40	47	39	0	0	3	18	422	
Los Angeles Basin Onshore	170	6	5	14	2	1	9	12	163	
San Joaquin Basin Onshore	1,468	118	260	309	20	0	56	123	1,450	
State Offshore	189	0	1	9	0	0	6	9	178	
Colorado	1,592	3	136	285	220	250	120	182	1,414	
Kansas	330	20	18	21	11	9	0	32	313	
Kentucky	9	-1	1	1	0	1	0	1	8	
Louisiana	412	27	14	36	3	3	11	39	389	
North	84	9	2	18	0	0	0	8	69	
South Onshore	260	26	8	15	3	3	11	24	266	
State Offshore	68	-8	4	3	0	0	0	7	54	
Michigan	40	13	6	6	0	0	0	5	48	
Mississippi	132	-6	6	2	0	0	1	17	114	
Montana	279	53	1	36	0	1	25	25	298	
Nebraska	15	-1	0	0	0	0	0	2	12	
New Mexico	3,240	-235	186	450	69	36	1,048	300	3,456	
East	3,185	-226	185	444	69	36	1,031	295	3,403	
West	55	-9	1	6	0	0	17	5	53	
North Dakota	5,895	-163	285	429	2	115	713	517	5,897	
Ohio	80	5	19	9	0	0	0	7	88	
Oklahoma	2,120	16	75	555	74	296	353	184	2,047	
Pennsylvania	8	17	1	9	0	0	0	1	16	
South Dakota	11	0	0	1	0	0	0	1	9	
Texas	18,043	-358	1,702	2,991	887	1,480	3,329	1,696	18,622	
RRC District 1	2,564	-160	276	257	2	166	333	223	2,697	
RRC District 2 Onshore	1,216	-2	62	99	2	39	246	171	1,289	
RRC District 3 Onshore	781	7	47	30	373	223	4	48	611	
RRC District 4 Onshore	30	2	0	3	0	0	0	3	26	
RRC District 5	37	-13	21	1	0	13	0	4	53	
RRC District 6	124	-4	7	23	15	10	4	10	93	
RRC District 7B	100	22	12	16	6	11	0	10	113	
RRC District 7C	1,268	-29	99	226	30	15	304	146	1,255	
RRC District 8	9,986	-141	1,100	2,153	418	917	2,389	952	10,728	
RRC District 8A	1,630	-56	63	119	21	75	31	105	1,498	
RRC District 9	117	3	6	12	1	10	0	11	112	
RRC District 10	190	13	9	52	19	1	18	13	147	
State Offshore	0	0	0	0	0	0	0	0	0	
Utah	401	-46	5	119	0	58	11	35	275	
Virginia	0	0	0	0	0	0	0	0	0	
West Virginia	7	4	4	1	0	0	0	1	13	
Wyoming	1,030	-5	43	97	4	4	128	86	1,013	
Federal Offshore	5,285	40	548	160	536	434	183	691	5,103	
Pacific (California)	252	-15	1	69	0	0	0	4	165	
Gulf of Mexico (Central and Eastern) ^a	4,765	-15	503	87	455	431	181	611	4,712	
Gulf of Mexico (Western)	268	70	44	4	81	3	2	76	226	
Other states ^b	115	-6	2	17	1	4	0	6	86	
U.S. Total	43,824	-573	3,729	5,608	1,833	2,743	6,078	4,169	44,191	

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

^b Other states include Arizona, Florida, Idaho, Illinois, Indiana, Maryland, Missouri, Nevada, New York, Oregon, and Tennessee. Individual state volumes 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 crude oil for 2019 contained in the *Petroleum Supply Annual 2019*, DOE/EIA-0340(19). One barrel = 42 U.S. gallons.

[EIA Petroleum & Other Liquids Data](#)

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