

**Missourian-Permian
50580203
Volumes of Discovered Petroleum**

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. MMBNGL, million barrels of natural gas liquids. Oil accumulations containing less than 0.5 MMBO or gas accumulations containing less than 3 BCFG were not considered in the assessment. Accumulations were classified as oil or gas by the USGS. Accumulations without reported discovery dates were not included. NA means not applicable and is shown for volumes where an insufficient number of accumulations are present. Calculated values may not be equal to the sums of the component values because numbers have been independently rounded.]

Accumulation Type	Known (Discovered) Volumes				Grown (Discovered) Volumes			
	Number of Accums.	Oil (MMBO)	Gas (BCFG)	NGL (MMBNGL)	Number of Accums.	Oil (MMBO)	Gas (BCFG)	NGL (MMBNGL)
Oil Accums.	58	109	466	16	61	136	570	20
Gas Accums.	72	1,563	83,160	3,727	74	1,567	84,154	3,759
Accums. <0.5 MMBOE	192	4	24	1	187	3	16	1
All Accums.	322	1,676	83,649	3,744	322	1,705	84,740	3,780

**Missourian-Permian
50580203
Discovery-History Sequence**

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. Oil accumulations containing less than 0.5 MMBO or gas accumulations containing less than 3 BCFG were not considered in the assessment. Accumulations were classified as oil or gas by the USGS. The first half or third shows year of first accumulation discovery as well as end of period. NA means not applicable and is shown where an insufficient number of accumulations are present. Calculated values may not be equal to the sums of the component values because numbers have been independently rounded.]

Accumulation Type	Discovery-History Sequence - Known (Discovered) Volumes					
		Year (End of Period)	Number of Accumulations	Total Volume	Mean Size	Median Size
Oil Accums.	<u>Known Sizes (MMBO)</u>					
	First third	1959	19	55	3	1
	Second third	1969	20	27	1	1
	Third third	1994	19	27	1	1
	All Oil Accums.		58	109	2	1
Gas Accums.	<u>Known Sizes (BCFG)</u>					
	First third	1959	24	82,084	3,420	21
	Second third	1976	24	864	36	15
	Third third	1996	24	212	9	6
	All Gas Accums.		72	83,160	1,155	13

**Missourian-Permian
50580203
Discovery-History Sequence**

[MMBO, million barrels of oil. BCFG, billion cubic feet of gas. Oil accumulations containing less than 0.5 MMBO or gas accumulations containing less than 3 BCFG were not considered in the assessment. Accumulations were classified as oil or gas by the USGS. The first half or third shows year of first accumulation discovery as well as end of period. NA means not applicable and is shown where an insufficient number of accumulations are present. Calculated values may not be equal to the sums of the component values because numbers have been independently rounded.]

Accumulation Type	Discovery-History Sequence - Grown (Discovered) Volumes					
		Year (End of Period)	Number of Accumulations	Total Volume	Mean Size	Median Size
Oil Accums.	<u>Grown Sizes (MMBO)</u>					
	First third	1960	20	66	3	2
	Second third	1973	21	34	2	1
	Third third	1994	20	35	2	1
	All Oil Accums.		61	136	2	1
Gas Accums.	<u>Grown Sizes (BCFG)</u>					
	First third	1960	25	82,871	3,315	26
	Second third	1977	25	991	40	17
	Third third	1996	24	292	12	8
	All Gas Accums.		74	84,154	1,137	16