Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

![Graph showing cumulative new-field wildcat wells over time](image-url)
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

GAS-ACCUMULATION RANK BY SIZE

- First third of accumulations discovered
- Second third of accumulations discovered
- Third third of accumulations discovered

KNOWN GAS-ACCUMULATION SIZE (BCFG)

GAS-ACCUMULATION RANK BY SIZE

- 100,000
- 10,000
- 1,000
- 100
- 10
- 1
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

Known gas-accumulation size (BCFG)

- 3 to <6
- 12 to <24
- 48 to <96
- 192 to <384
- 768 to <1,536
- 3,072 to <6,144
- 12,288 to <24,576
- 49,152 to <98,304
- 196,608 to <393,216
- 786,432 to <1,572,864

GAS ACCUMULATIONS (No.)

- Third third of accumulations discovered
- Second third of accumulations discovered
- First third of accumulations discovered

GAS ACCUMULATION SIZE (BCFG)
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

Known Gas-Accumulation Size (BCFG) vs. Volume of Gas (BCFG)
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

Known Gas-Accumulation Size (BCFG) vs. Accumulation-Discovery Year
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

ACCUMULATION-DISCOVERY YEAR

CUM. GAS ACCUMULATIONS (No.)

ACCUMULATION-DISCOVERY YEAR


0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

![Graph showing liquid/gas and gas accumulations vs mean reservoir depth.](image)
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

Known Oil-Accumulation Size (MMBO)

- First third of accumulations discovered
- Second third of accumulations discovered
- Third third of accumulations discovered
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

Known Oil-Accumulation Size (MMBO)

OIL ACCUMULATIONS (No.)

0.5 to <1
2 to <4
8 to <16
32 to <64
128 to <256
512 to <1,024
2,048 to <4,096
8,192 to <16,384
32,768 to <65,536
131,072 to <262,144

Third third of accumulations discovered
Second third of accumulations discovered
First third of accumulations discovered
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

KNOWNS OIL-ACCUMULATION SIZE (MMBO) vs. ACCUMULATION-DISCOVERY YEAR

Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

Graph showing the cumulative known oil volume (MMBO) against the accumulation-discovery year.
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

![Graph showing cumulative oil accumulations versus cumulative new-field wildcat wells.](image)
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

CUM. NEW-FIELD WILDCAT WELLS (No.)

RESERVOIR DEPTH, OIL ACCUMULATIONS (ft)
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103
Pennsylvanian/Permian Fluvial-Deltaic Sandstone and Conglomerate, Assessment Unit 50450103

The diagram shows the distribution of reservoirs in oil accumulations based on API gravity. The x-axis represents API gravity (degrees) and the y-axis represents reservoirs in oil accumulations (No.).

- The majority of reservoirs falls within the 40 to 50 degrees API gravity range, with a peak at 40 to 50 degrees.
- Few reservoirs are found in the 0 to <10 degrees API gravity range.
- There are no reservoirs in the 10 to <20, 20 to <30, 30 to <40, 60 to <70, 70 to <80, 80 to <90, 90 to <100, and >=100 degrees API gravity ranges.

This graph highlights the concentration of reservoirs in the fluvial-deltaic sandstone and conglomerate formation, with a notable peak in the medium API gravity range.