OIL AND GAS

STATE OF PENNSYLVANIA

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U. S. GEOLOGICAL SURVEY
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PENNSYLVANIA
SEWICKLEY QUADRANGLE

LEGEND

- Oil pools in 100-foot sand (OG, indicates oil and gas)
- Gas pools in 100-foot sand
- Oil and gas pools in 30-foot sand
- Oil pools in Snee sand
- Gas pools in Snee sand
- Oil pools in Boulder sand (OG, indicates oil and gas)
- Gas pools in Boulder sand
- Oil pools in 3rd sand
- Gas pools in 3rd sand
- Gas pools in 4th sand (OG, indicates oil and gas)
- Oil pools in 4th sand
- Gas pools in 5th sand (OG, indicates oil and gas)
- Structure contours on the top of 100-foot sand (datum, 1000 feet below sea level; contour interval, 10 feet)

- *Oil wells*
- *Gas wells*
- *Oil and gas wells*
- *Show of oil*
- *Show of gas*
- *Dry holes*
- *Holes about which nothing is recorded*

H. M. Wilson, Geographer.
Robt. D. Cummin and J. H. Jennings, in charge of section.
Topography by Robt. D. Cummin, E. B. Clark, J. H. Wheat, A. C. Roberts, E. G. Hamilton, J. S. B. Daingerfield, Ira M. Flocker, and E. W. McCrary.
Control by D. H. Baldwin and C. A. Clunet.
Surveyed in 1903 and 1905-1906.

SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION 1906.

Scale $\frac{1}{62500}$

1 ½ 0 1 2 3 4 Miles

1 ½ 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

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Geology by M. J. Munn,
under the supervision of Geo. H. Ashley.
Surveyed in 1906-08.

SURVEYED IN COOPERATION WITH THE STATE OF PENNSYLVANIA.