

# GEOLOGIC MAP OF THE WHITTIER HILLS

BY MILLER QUARLES

1939

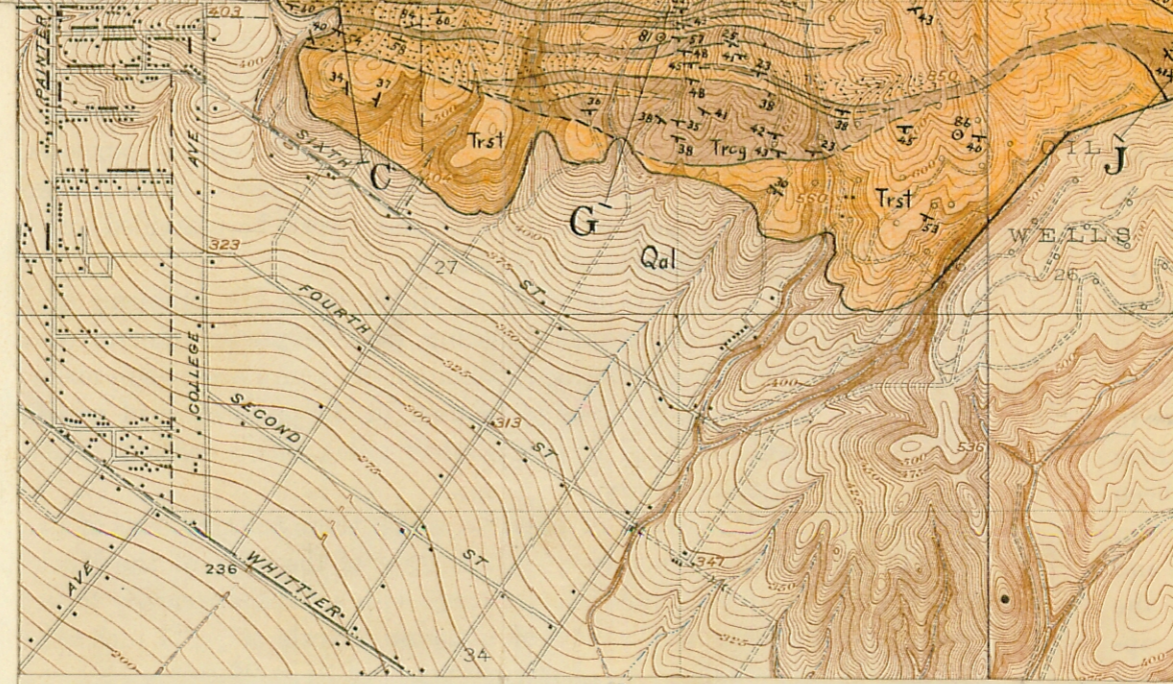
Quarles - m. 1940

BS



## LEGEND

- |                   |      |                                                                |                 |                  |
|-------------------|------|----------------------------------------------------------------|-----------------|------------------|
| Quat.             | Qal  | Recent alluvium.                                               | - - - + - - -   | Anticlines       |
|                   | Treg | Well rounded compact brown conglomerate.                       | - - - - -       | Faults           |
| Plio. Repetto Fm. | Trss | Fine buff sandstone grading into siltstone.                    | ° ° °           | Oil wells        |
|                   | Trst | Nearly unstratified buff siltstone.                            | + +             | Abandoned wells  |
|                   | Tps  | Uppermost Puente. Fine yellow sandstone. Also lenses in shale. | ∠               | Strikes and dips |
|                   | Tpcg | Upper Puente. Angular decomposed granite conglomerate.         | ∠ <sup>20</sup> | Overturned dips  |
| Mio. Puente Fm.   | Tpsh | Fine bedded white to yellow siliceous organic shale.           | ⊥               | Vertical beds    |
|                   |      |                                                                | ⊕               | Horizontal beds  |
|                   |      |                                                                | ⊙               | Foram localities |
|                   |      |                                                                | ×               | Other localities |



Scale 1:25,000  
 1 Mile  
 5000 4000 3000 2000 1000 0 5000 Feet  
 Contour interval 5 and 25 feet changing on the 500 foot contour  
 Datum is mean sea level

BASED UPON FOUR U.S.G.S. TOPO MAPS

