

CALIFORNIA STANDARD  
C. P. R. 16-22A  
L.S.D.9,S.22,T.20,R.12,W.4  
(modified in places by data  
from cores of neighbouring  
wells in Princess field)



### Symbols for Carbonates

(a) Dolomites

Crystalline, commonly with vuggy, pin-point or intercrystalline porosity;  
environment: reef, bank, or closely associated deposits . . . . . x

Crystalline, tight or having porosity partly or completely filled with anhydrite; may include anhydrite replacement of dolomite; environment: stable shelf, "back reef", close to reef . . . . . \*

Dense or very finely crystalline, tight, commonly anhydritic or mottled with anhydrite;  
environment: stable shelf, "back reef", lagoonal, shallow water . . . . . x

*Micro-saccharoidal, dense, earthy, chalky including dolomites showing millimeter lamination; fine intercrystalline porosity; (dolomites probably primary or the result of early diagenetic change from limestone.) environment:*

stable shelf, "back reef", lagoonal, shallow water . . . . . 20

The above types show continuous gradation from one to the other

(4) Limestone.

Crypto-grained, dense, fine-grained; chemical precipitates or lime mud deposits;  
environment: stable shelf, lagoonal, "back reef", quiet water. . . . .

Medium-grained and coarse-grained, usually mixed with fine-grained, commonly open-textured, organoclastic; environment: reef, bank, close "back-reef", or "fore-reef" clastics, agitated water. . . . .

*Pseudo-oolitic or pelletoid, usually porous, in places tightly cemented by calcite or anhydrite; environment: stable shelf, "back reef" gentle wave or current action. . . .* Pt

Oolites ..... 0

Chert ..... 1

*Glaucinite* . . . . . G  
*Pyrite* . . . . . P

Amphipora, usually in black or dark brown layers . . . . .

Vuggy or coarse intercrystalline porosity . . . . .

Colour Symbols

Dark brown or black . . . . .

Red . . . . .

Bright green, usually non-calcareous . . . . .

No symbol indicates colour ranges from light grey to buff and light brown or greenish grey and greyish green

**Boundaries**

*Formation, and group boundary . . . . .* \_\_\_\_\_

Compiled by Helen R. Belyea

To accompany Paper 55-38 by Helen R. Belyea

$$G = 1.14 \pm 0.16 \times 10^{-14} \text{ s}^{-1}$$

Cartography by the Geological Cartography Unit

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