UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF CALIFORNIA
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UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

COALINGA QUADRANGLE
CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)

Qa
Alluvium

Qls
Landslide rubble

Qoa
Older alluvium
UNCONFORMITY

QTt | QTs
Tulare Formation
(terrestrial sediments)
QTt, gravel
QTs, sand
LOCAL UNCONFORM.

Tsj
San Joaquin Form.
(brackish-water clay, silt, sand)

Tun
Unnamed non-marine clay, sand, gravel

Te | Teb / Tec
Etchegoin Form.
shallow water marine sediments
Te, gray sandstone and siltstone
Teb, blue sandstone
Tec, conglomerate

Tr
Reef Ridge Form.
(clay shale)

Tsm
Santa Margarita Fm.
(gray sandstone)

Tm
Monterey Shale
McLure (siliceous) Shale Member
(Upper Miocene)

Tt
Temblor Sandstone
UNCONFORMITY

Tk
Kreyenhagen Shale

Td | Ta
Td, Domengine Sandst.
Ta, Avenal Sandstone
UNCONFORMITY

Km
Moreno Shale
(clay shale)

Kp | Kpi
Kps | Kpc
Panoche Form.
Kp, clay shale
Kpi, sandstone and shale, interbedded
Kps, sandstone
Kpc, conglomerate

Kgf
Gravelly Flat Fm.
(of Rose & Colburn, 1963)
dark shale, thin sandsts

sp | di
Ultramafic rocks
sp, serpentine
di, diorite-gabbro and diabase

f | fg
Franciscan Rocks
f, shale, graywacke, chert, jasper, glaucophane rock, mixed and sheared
fg, mostly greenstone

Holocene
Pleistocene
QUATERNARY
Pliocene
Miocene
TERTIARY
Eocene
Upper
Lower
CRETACEOUS
JURASSIC? & CRETACEOUS

Contact
Dashed where gradational or approximately located

U / D
Fault
Dashed where doubtful
Dotted where concealed
U, Upthrown side
D, Downthrown side
Arrows indicate horizontal movement

Anticline
Syncline
Axis of fold showing direction of plunge

Horizontal
30
Inclined
Vertical
70
Overturned
Strike and dip of strata

Abandoned well drilled for oil or gas

Mapped, edited and published by the Geological Survey

Control by USGS and USC&GS

Topography by planetable surveys 1936 and 1941
Culture revised from aerial photographs taken 1950, 1953, and 1955. Field check 1956

Polyconic projection. 1927 North American datum
10,000-foot grid based on California coordinate system, zone 4
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

Red tint indicates areas in which only landmark buildings are shown

Dashed land lines indicate approximate locations

UTM GRID AND 1956 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:62500

CONTOUR INTERVAL 50 FEET
DATUM IS MEAN SEA LEVEL

Drafted by Gertrude J Edmonston, 1971

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Geology by T.W. Dibblee Jr., 1968, 1969

ROAD CLASSIFICATION
Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
State Route

The east half of this area also covered by 1:24 000 scale maps of Coalinga and Kreyenhagen Hills 7.5 minute quadrangles, surveyed in 1956

COALINGA, CALIF.
N3600—W12015/15

1956

AMS 1956 III—SERIES V795

MAPPED BY T. W. DIBBLEE JR.

GEOLOGIC MAP OF THE COALINGA QUADRANGLE, CALIFORNIA

THIS MAP IS PRELIMINARY AND HAS NOT BEEN EDITED OR REVISED FOR CONFORMITY WITH U.S. GEOLOGICAL SURVEY STANDARDS