Geologic map of the Acala Quadrangle, Texas
Bureau of Economic Geology, Open-file map
1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF TEXAS
TEXAS WATER DEVELOPMENT BOARD

ACALA QUADRANGLE
TEXAS—HUDSPETH CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 FORT HANCOCK 15' QUADRANGLE

4846 IV NE (TORNILLO) | 4846 IV NW (FORT HANCOCK NW) | 4846 IV NE (CAVETT LAKE)

106°00′ — 31°22′30″ — 57′30″ — 55′ — 105°52′30″ — 31°15′ — 17′30″

406 000 m E. — 407 — 409 — 410 — 411 — 412 — 413 — 414 — 415 — 270 000 FEET — 416 900 m E.

3471 000 m N. — 660 000 FEET — 630 000 FEET — 3458 000 m N.

3471 — 3470 — 3469 — 3468 — 3467 — 3466 — 3465 — 3464 — 3463 — 3462 — 3461 — 3460 — 3459

20′

TORNILLO 9 MI. — EL PASO 47 MI. — FORT HANCOCK 2.7 MI.

(FORT HANCOCK) 4846 IV SE — (MC NARY) 4846 III NE

TEXAS — CHIHUAHUA — UNITED STATES — MEXICO

RIO GRANDE

Acala

Gravel Pit

BM 3554 — BM 3599 — BM 3598 — BM 3533

Well

KELLY DRAIN — KELLY LATERAL — UPPER TEXAS RIVER DRAIN — HUDSPETH COOKE MAIN CANAL — DRAIN — YOUNG MILLER SPUR — LATERAL — UPPER RIVER DRAIN — ACALA LATERAL — DRAIN — PACIFIC LATERAL — Alamo — DAVIS LATERAL — HUDSPETH MAIN CANAL — ALAMO FEEDER — RIVER DRAIN — Arroyo

Qf4+Qws — Qaub, Qws — Qaub+Qws — Qf4Qws — Qaub Qws — Qf4+Qws — Qf1, QTcr — QTcr+Qws — Qf1+QTcr — Qf1 + QTcr — Qt4rg — Qt3rg — Qt2rg — Qt3rg, Qws — QTcr, Qws — Qaub + Qws — Qaub+Qws — Qarg — Qaub, Qws — Qws2 — Qaub+Qws — Qa — Qal — Qws

3555 — 3554 — 3553 — 3550 — 3549 — 3548 — 3546 — 3545 — 3544 — 3542 — 3540 — 3557 — 3551 — 3550 — 3578 — 3549 — 3538 — 3544 — 3530 — 3531 — 3628 — 3618 — 3655 — 3650 — 3702 — 3599 — 3644 — 3598 — 3600 — 3533 — 3626 — 3578 — 3549

Mapped, edited, and published by the Geological Survey

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Topography by photogrammetric methods from aerial photographs taken 1971. Field checked 1972

Projection and 10,000-foot grid ticks: Texas coordinate system, central zone (Lambert conformal conic) 1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence lines

GN — MN — 0°29′ 9 MILS — 11½° 204 MILS

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 — ½ — 0 — 1 MILE

1000 — 0 — 1000 — 2000 — 3000 — 4000 — 5000 — 6000 — 7000 FEET

1 — .5 — 0 — 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

Geology by E. W. Collins
1996

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

TEXAS
QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

ACALA, TEX.
SW/4 FORT HANCOCK 15' QUADRANGLE
N3115—W10552.5/7.5

1972

AMS 4846 IV SW—SERIES V882

☆ INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1974

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