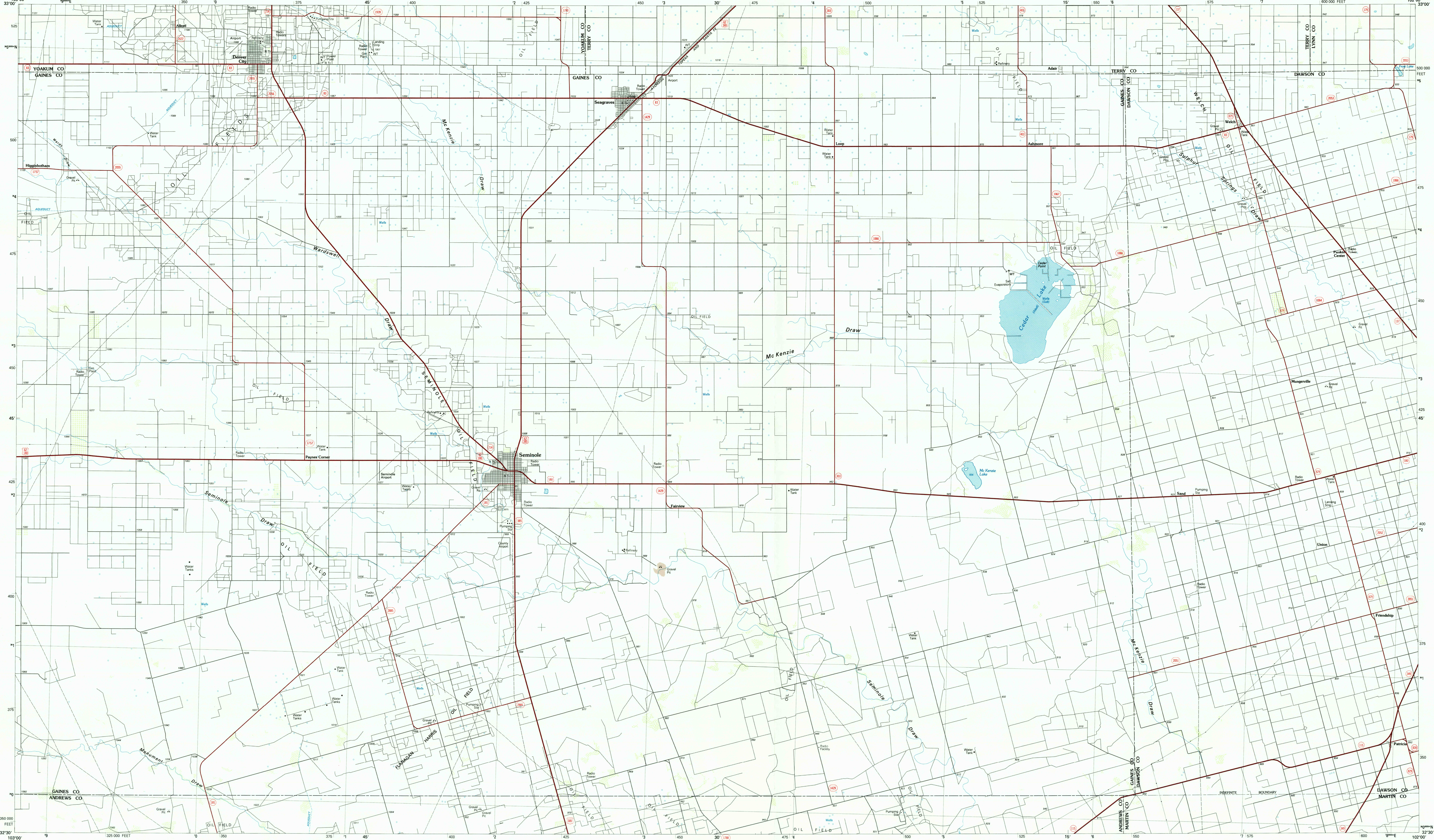


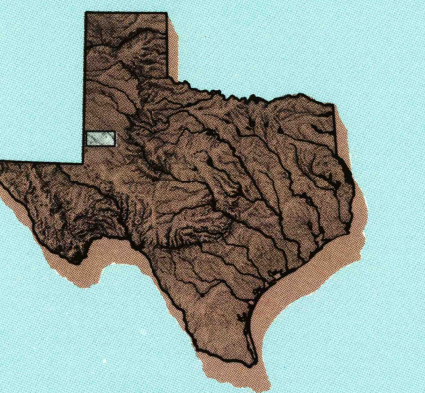
SEMINOLE, TEXAS

30 X 60 MINUTE SERIES (PLANIMETRIC)



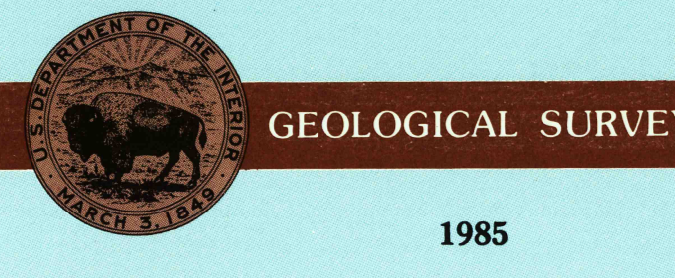
Seminole TEXAS

1:100 000-scale planimetric map



30 X 60 MINUTE QUADRANGLE SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1969-1971. Planimetry revised from other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 13
 Universal Transverse Mercator
 25 000-foot grid ticks based on Texas coordinate system, north central zone. 1927 North American Datum
 To place on the predicted North American Datum 1983 move the projection lines 9 meters south and 42 meters east

NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	1° 15'	1° 30'	1	2	3
1	3.2808			1	2	3
2	6.5617			4	5	
3	9.8425			6	7	
4	13.1234			8	9	
5	16.4042			10	11	
6	19.6851			12	13	
7	22.9659			14	15	
8	26.2468			16	17	
9	29.5276			18	19	
10	32.8085	20	21			

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1985 magnetic declination (MD) at center of map
 Diagram is approximate

1 Tatum
 2 Brownfield
 3 Station
 4 Hobbs
 5 Lamesa
 6 JMI
 7 Andrews
 8 Big Spring

FOR SCALE SEE U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 USGS NMD HISTORICAL MAP
 MAR 14 1986
 REC'D FILE COPY

Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light duty road, principal street, hard or improved surface
- Other road or street, trail
- Route marker: interstate, U. S., State
- Railroad: standard gage; narrow gage
- Bridge, overpass, underpass
- Tunnel: road; railroad
- Built up area, locality; elevation
- Airport, landing field, landing strip
- National boundary
- State boundary
- County boundary
- National or State reservation boundary
- Land grant boundary
- U. S. public lands survey: range, township, section
- Range, township, section line, protected
- Power transmission line, pipeline
- Dam; dam with lock
- Cemetery, building
- Well: water; oil; spring
- Mine shaft, adit or ore; mine, quarry, gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; cliff dwelling
- Disturbed surface: strip mine, lava, sand
- Contour: index; intermediate; supplementary
- Bathymetric contours: index; intermediate
- Stream, lake: perennial; intermittent
- Rapids, large and small; falls, large and small
- Area to be submerged; marsh, swamp
- Land subject to controlled inundation; woodland
- Scrub, mangrove
- Orchard; vineyard

A pamphlet describing topographic maps is available on request



SEMINOLE, TEXAS
 32102-E1-PL-100