



Compiled from USGS 1:24 000-scale topographic maps dated 1963–1982. Planimetry revised from aerial photographs taken 1987–1988 and other source data. Revision information not field checked. Map edited 1992

1927 North American Datum (NAD 27). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 14 25 000-foot ticks: Texas coordinate system south zone

The difference between NAD 27 and North American Datum of 1983 (NAD 83) is too small to show at this scale. The values of the shift between the datums for 7.5 minute intersections are given in USGS Bulletin 1875

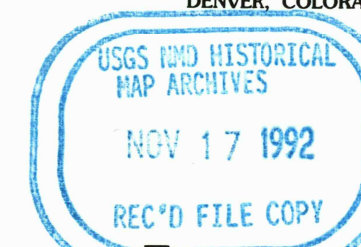
CONTOUR INTERVAL 10 METERS

SUPPLEMENTARY CONTOUR INTERVAL 5 METERS
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	2	3
				4	5	6
1	3.2808	UTM grid convergence of 1983 and 1982 magnetic declination (M1) at center of map Diagram is approximate		1	San Ygnacio	
2	6.5617			2	Falluzas	
3	9.8425			3	Buñeo Bay	
4	13.1234			4	Zapata	
5	16.4042			5	Port Mansfield	
6	19.6850			6	Roma-Los Saenz	
7	22.9659			7	Mc Allen	
8	26.2467			8	Harrington	
9	29.5276					
10	32.8084					
To convert meters to feet multiply by 3.2808						
To convert feet to meters multiply by 0.3048						

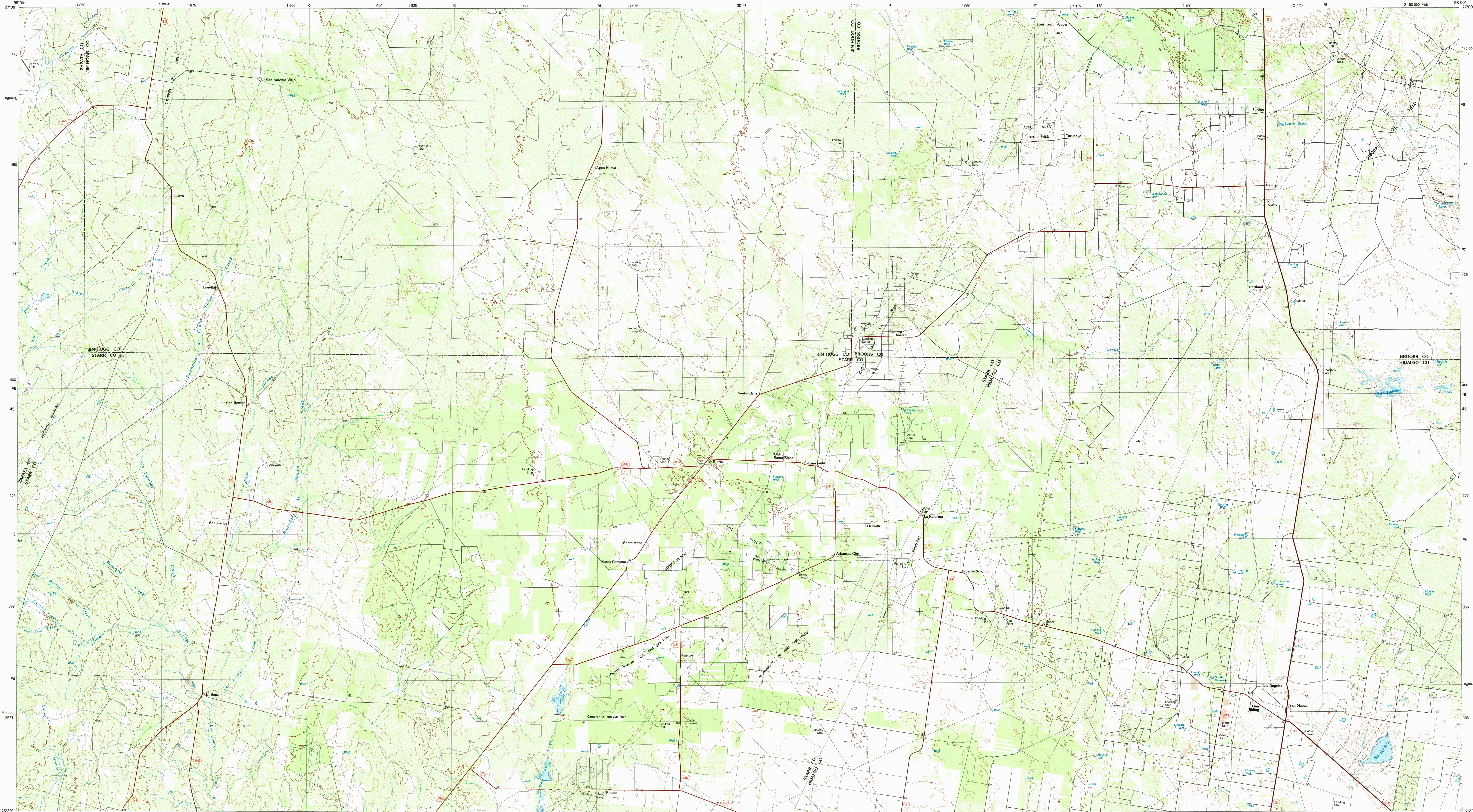
FOR SALE BY U.S. GEOLOGICAL SURVEY
DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22015



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 gauge; narrow gauge	
Tunnel: road; railroad	
Build-up area; locality; settlement	
Airport; landing field; landing strip	
National boundary	
State boundary	
County boundary	
National or State recreation boundary	
Local boundary	
U. S. public lands survey; range line; township; section	
Range, township; section line, protracted	
Waterway: navigation; pipeline	
Dam; dam with lock	
Cemetery; building well	
Mineral: water well; spring	
Mine shaft; oil or ore; mine, quarry; gravel pit	
Geographic: picnic area, U. S. location monument	
Disturbed: old dwelling	
Recreational: strip mine; lake, sand	
Contours: index; intermediate; supplementary	
Hydrographic contours: index; intermediate	
Streams: lake; perennial; intermittent	
Rapids; large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Soak; mangrove	
Orchard; vineyard	

A pamphlet describing topographic maps is available on request.



● INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA—1992

SCALE 1:100 000

THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 10 METERS

A graphic scale bar with two rows of markings. The top row is labeled in meters, with major markings at 1000, 0, 5000, 10 000, 15 000, and 20 000. The bottom row is labeled in feet, with major markings at 0, 10 000, 20 000, 30 000, 40 000, 50 000, 60 000, and 70 000. The bar is divided into segments corresponding to these values.

ENCINO, TEXAS

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