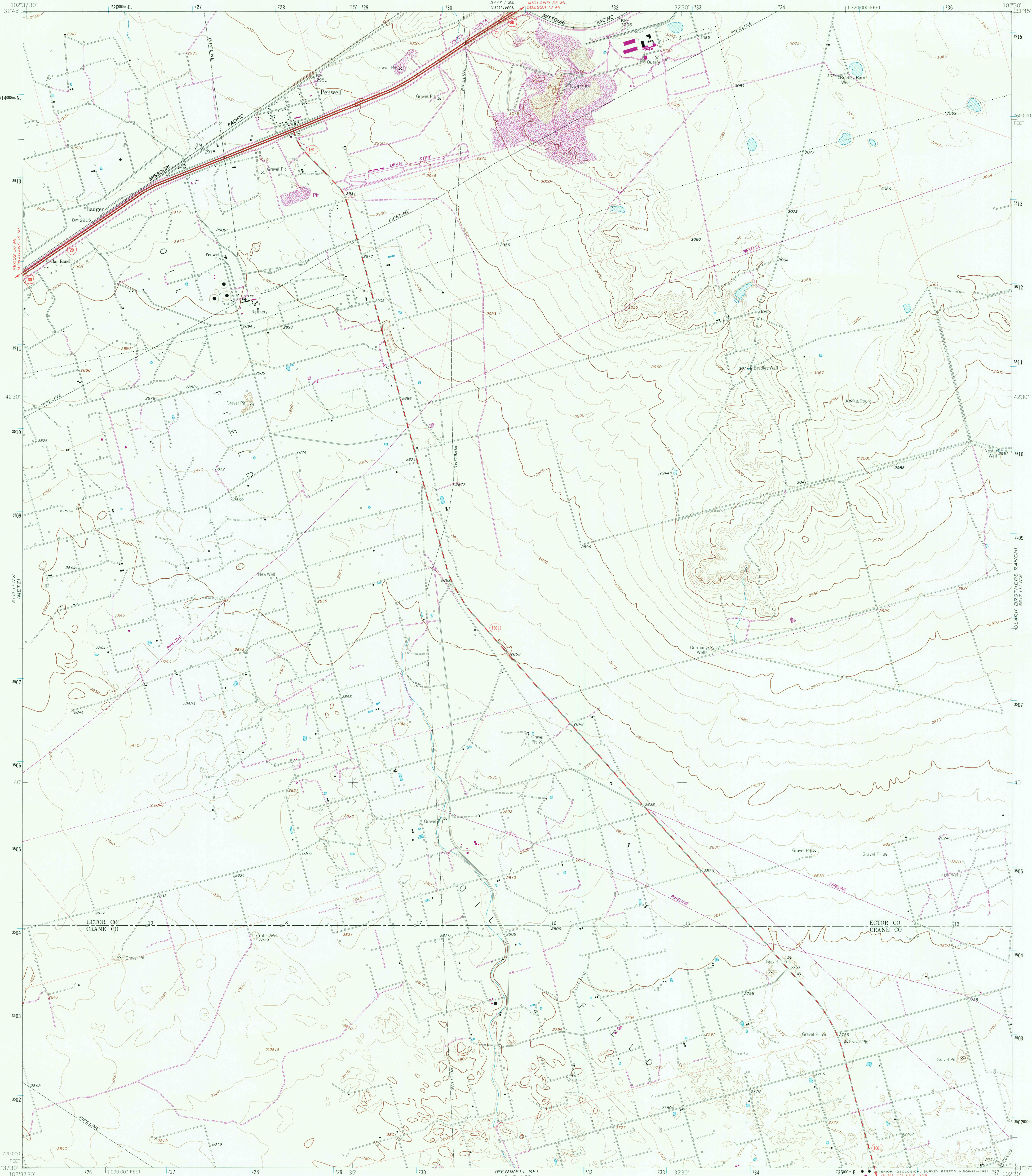




Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

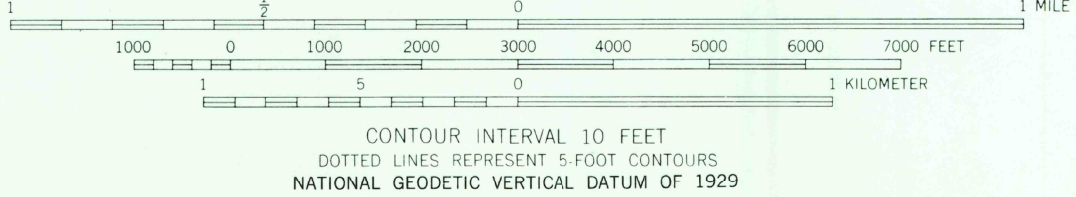
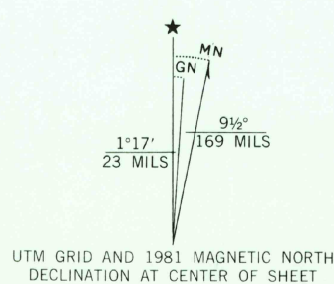
Topography by photogrammetric methods from aerial  
photographs taken 1963. Field checked 1964

Polyconic projection. 1927 North American datum  
10,000 foot grid based on Texas coordinate system, central zone  
1000 meter Universal Transverse Mercator grid ticks,  
zone 13, shown in blue

Fine red dashed lines indicate selected fence lines

To place on the predicted North American Datum 1983  
move the projection lines 11 meters south and  
41 meters east as shown by dashed corner ticks

Revisions shown in purple compiled from aerial photographs taken  
1979. Map edited 1981. This information not field checked



QUADRANGLE LOCATION

| ROAD CLASSIFICATION |                 |
|---------------------|-----------------|
| Heavy-duty          | Light-duty      |
| Medium-duty         | Unimproved dirt |
| Interstate Route    | U.S. Route      |
|                     | State Route     |

PENWELL, TEX.  
N3137.5-W10230/7.5

1964  
PHOTOREVISED 1981  
DMA 5447 II NE-SERIES V882

3102-314

DEC 15 1981

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