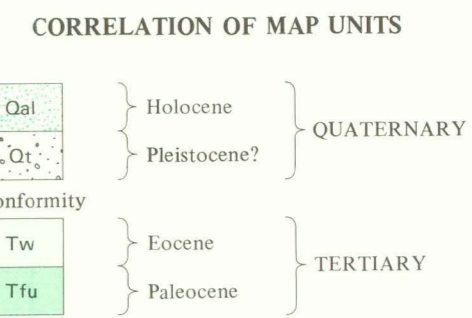
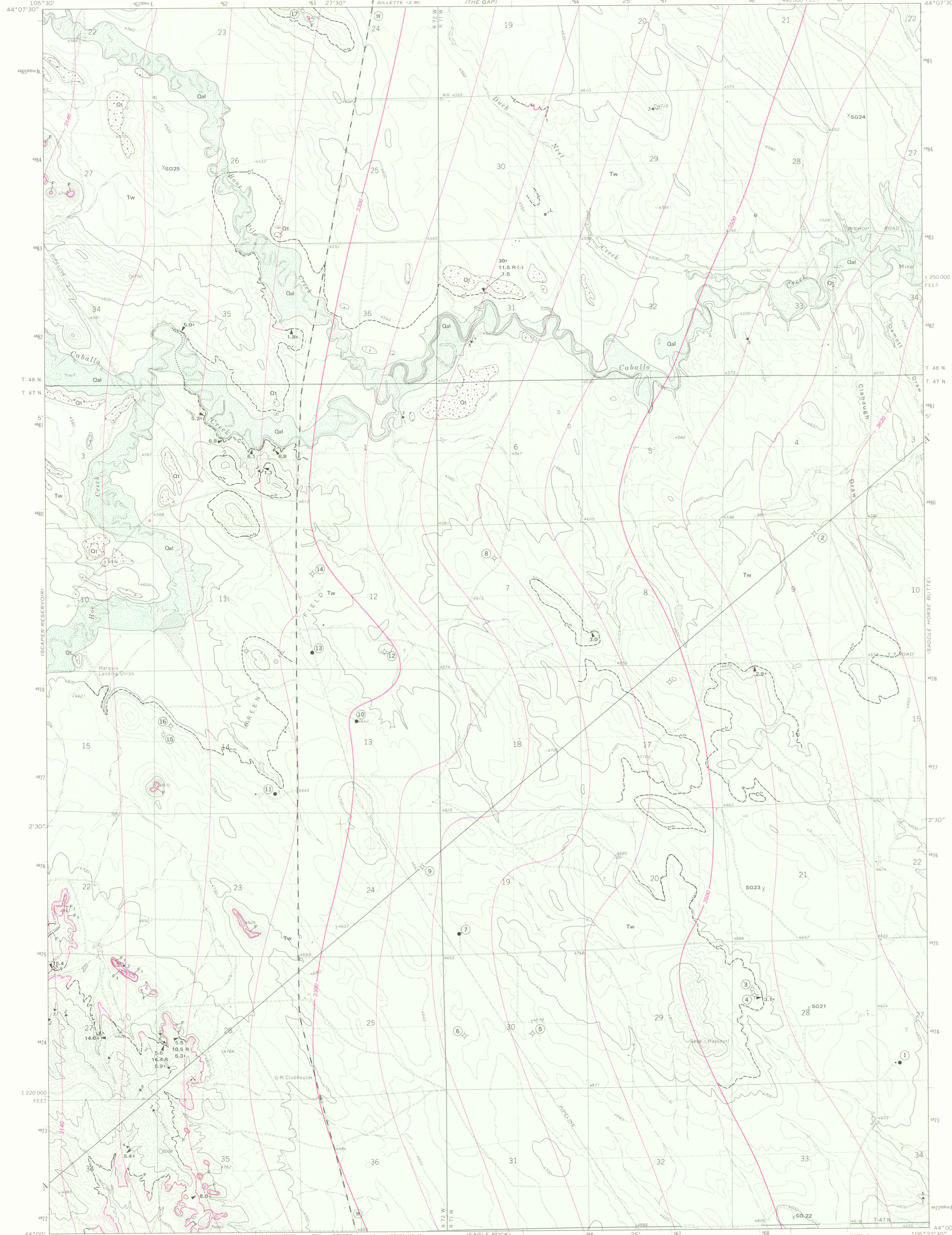


DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY



DESCRIPTION OF MAP UNITS

Qal ALLUVIUM (HOLOCENE) - Valley fill consisting mainly of reworked local sediments

Q₁ TERRACE DEPOSITS (PLEISTOCENE?) - Gravels less than 10 feet (3 m) thick consisting mainly of interstitial sand, well-sorted sandstone, quartzite, chert, and granite pebbles and cobbles up to 1 foot (0.3 m) in diameter. Commonly found as thin patches capping indistinct terraces, but locally capping well-formed terraces. Deposits are present along major drainages

Tw WASATCH FORMATION (EOCENE) - Interbedded sandstone, shale, and coal. The sandstone and shale are generally poorly consolidated. Some of the sandstone is coarse grained and contains pebbles and cobbles up to 3 inches (7.6 cm) in diameter. Three fairly persistent coal beds crop out in this quadrangle. About 800 feet (244 m) of section is exposed

Tfu FORT UNION FORMATION (PALEOCENE) - Shown in cross section only

COAL BED - Dashed where approximately located; short dashed where inferred; dotted where concealed. Letter denotes coal bed name. Thickness of coal, in feet, measured at triangle, calculated by method of Smith and others (1913, p. 72-73) and Bass, Smith, and Horn (1975, p. 6). R, rock interval between coal splits

BAKED AND FUSED ROCK - Trace of burned coal bed, dashed where approximately located, short dashed where inferred. Letter identifies coal bed. Pattern indicates inferred extent of burn

STRUCTURE CONTOURS - Drawn on top of X coal bed. Projected where X coal is missing. Contour interval 40 feet (12.2 m). Datum is mean sea level

STRIKE AND DIP

DIP COMPONENT

OPEN PIT COAL MINE

QUARRY

DRILL HOLES - Used in subsurface interpretation. Index number refers to coal sections

○ Dry hole

● Oil well

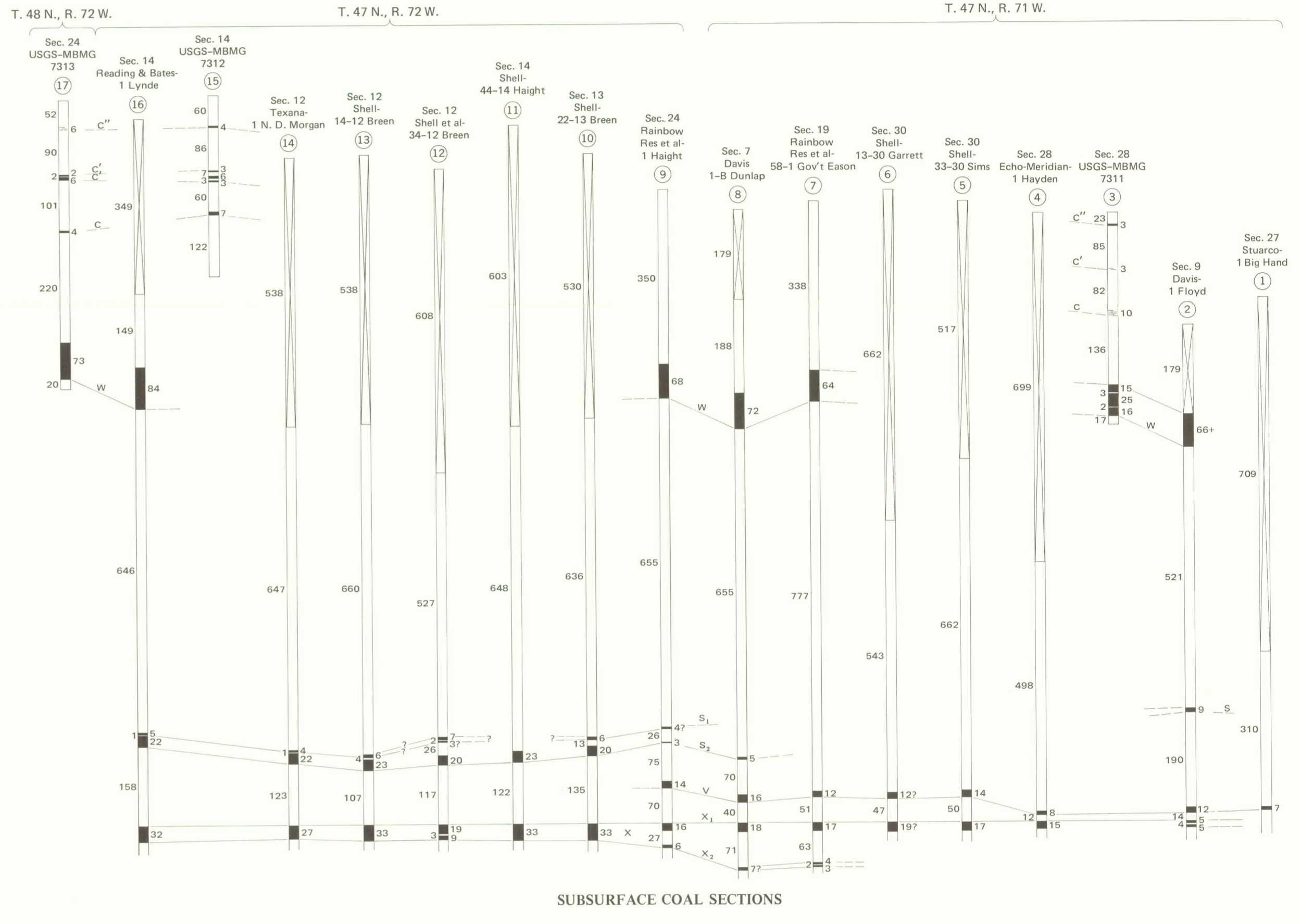
○ USGS-MBMG test holes

× 5021 DRY LAKE BED SAMPLE-COLLECTION SITE

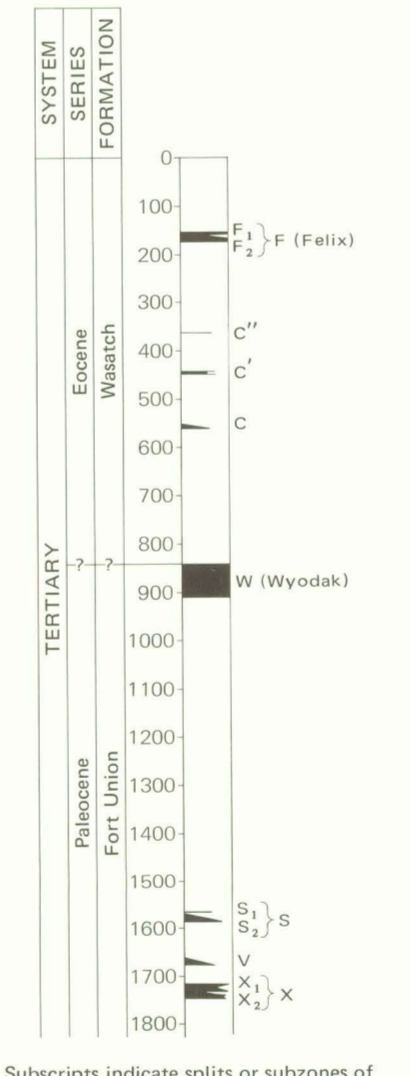
REFERENCES

Bass, N. W., Smith, H. L., and Horn, G. H., 1970, Standards for the classification of public coal lands. U.S. Geol. Survey Circ. 633, 10 p.

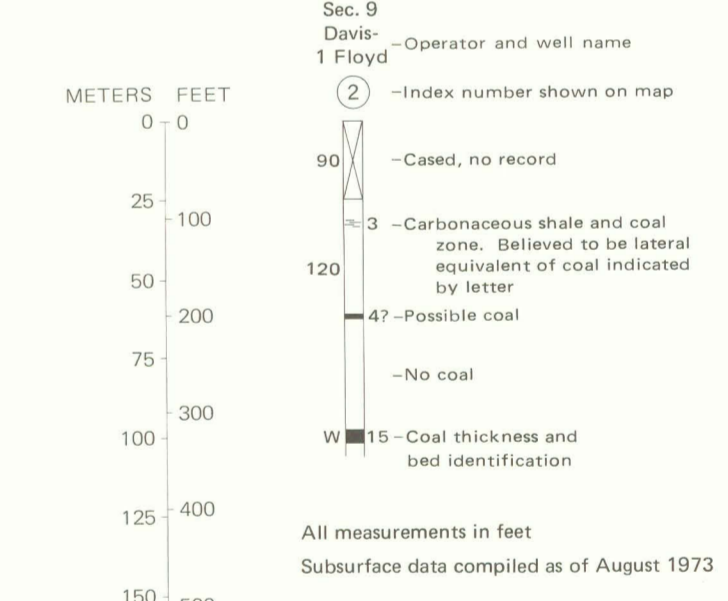
Smith, G. O., and others, 1913, The classification of the public lands. U.S. Geol. Survey Bull. 537, 197 p.



COAL INDEX

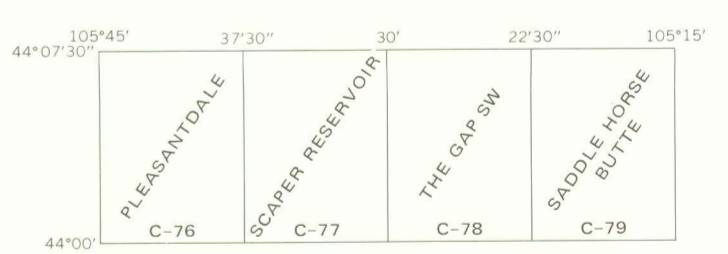


EXPLANATION FOR SUBSURFACE COAL SECTIONS

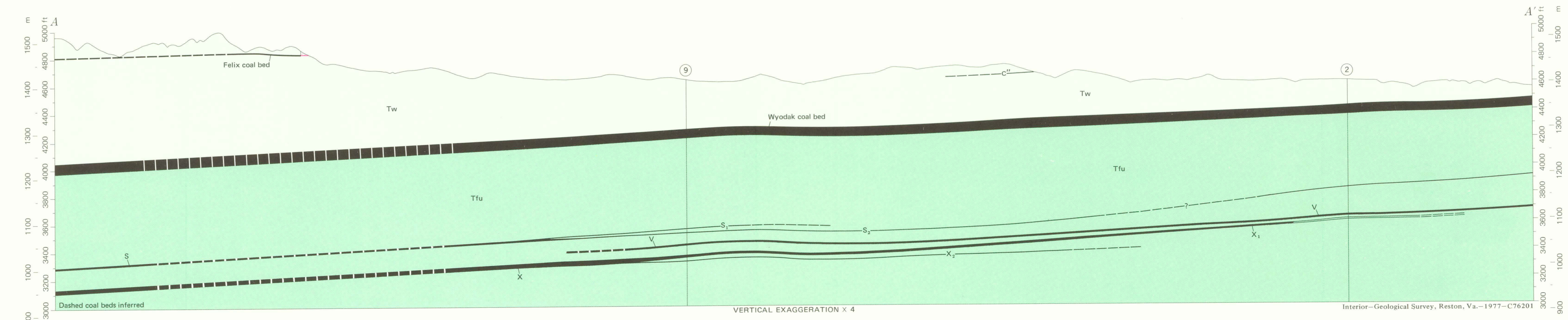
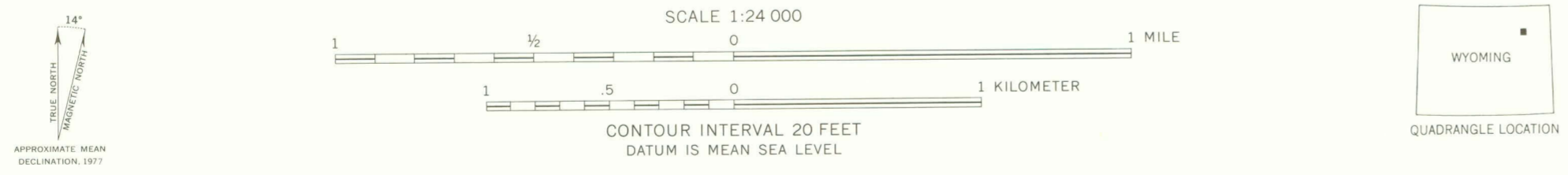


METRIC CONVERSIONS

1 inch=2.54 centimeters
1 foot=0.3048 meter
1 mile=1.6 kilometers



Base from U.S. Geological Survey, 1971
Projection and 10,000-foot grid ticks: Wyoming
coordinate system, east zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid ticks,
zone 13, 1927 North American datum



GEOLOGIC MAP AND COAL RESOURCES OF THE GAP SW QUADRANGLE, CAMPBELL COUNTY, WYOMING

By
S. L. Grazioplene
1977