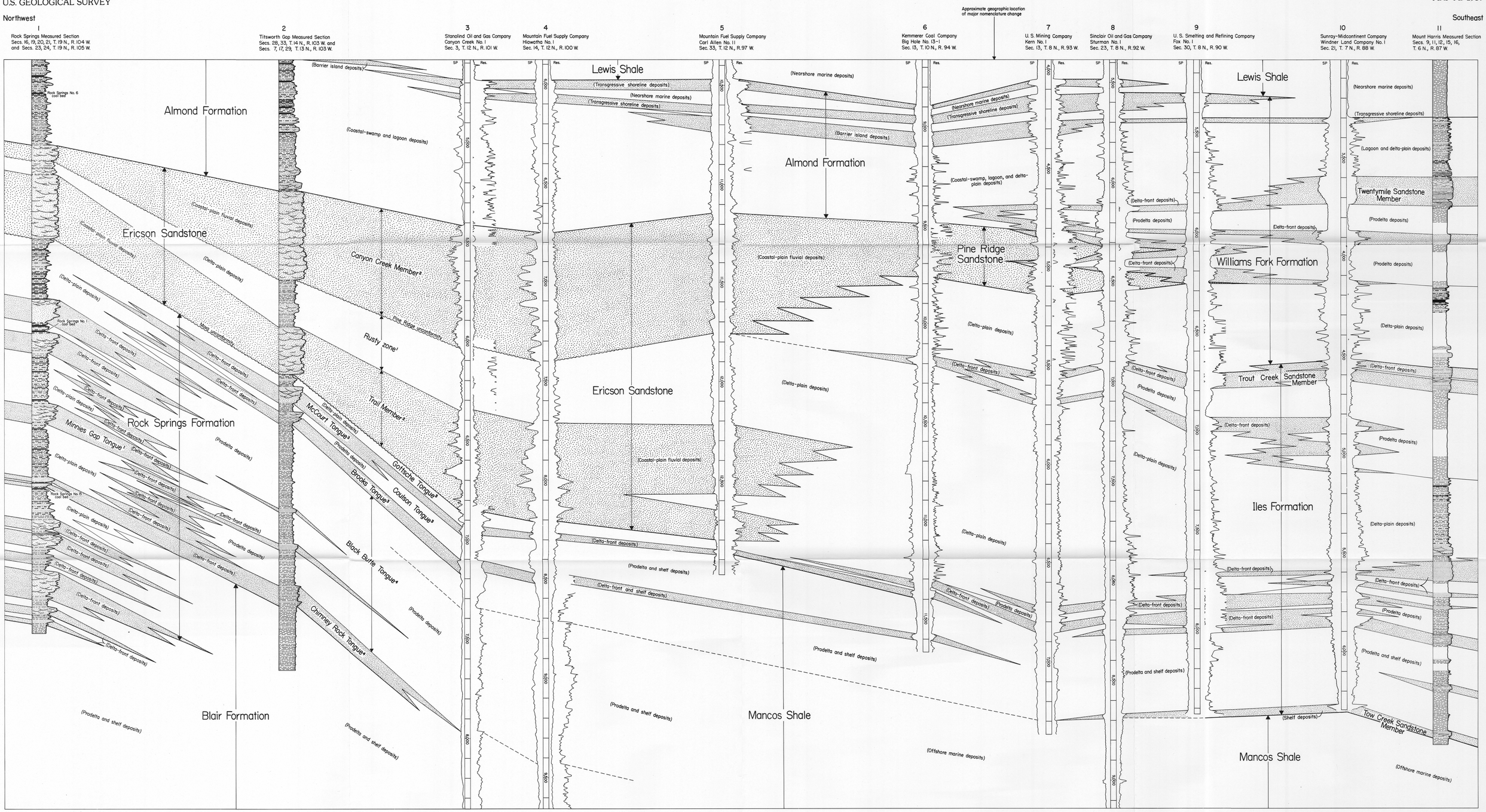

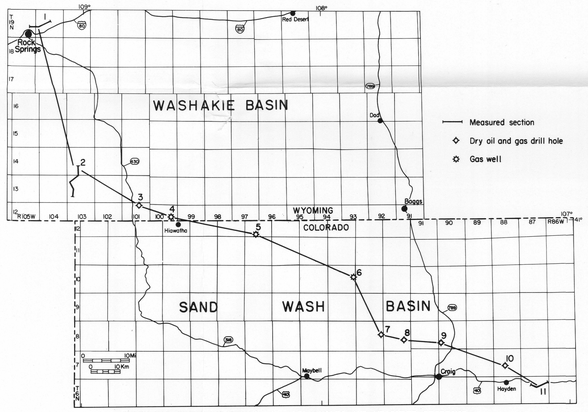

INDEX MAP SHOWING LOCATION OF DRILL HOLES AND MEASURED SECTIONS

EXPLANATION

- CONGLOMERATE
- SANDSTONE
  - Unbedded or bioturbated
  - Parallel bedded
  - Planar crossbedded
  - Tabular bedded
  - Trough crossbedded
- SILTSTONE
- SHALE
- CARBONACEOUS SHALE
- COAL
- COVERED
- UNCONFORMITY
- FORMATION CONTACT
- BED OR FACIES CONTACT--Dashed where correlation is uncertain
- DRILL-HOLE DEPTH--In feet (1 foot equals 0.3048 meter)

0 Feet, 100, 200, 300, 400, 500

NOTE: Pattern of closely spaced dots is used to correlate shoreline sandstone deposits; pattern of widely spaced dots is used to correlate fluvial deposits. Sp, spontaneous potential; Res., resistivity curve

REFERENCES

[1] Roehler, H.W., 1965, Pre-Laramide restored section, Late Cretaceous rocks, southwest Wyoming and northwest Colorado, in Sedimentation of Late Cretaceous and Tertiary outcrops: Wyoming Geological Association Guidebook, 19th Annual Field Conference, Casper, Wyo., fig. 1, p. 10.

[2] Smith, J.H., 1961, A summary of stratigraphy and paleontology, upper Colorado and Montanan groups, south-central Wyoming, in Symposium on Late Cretaceous rocks, Wyoming and adjacent areas: Wyoming Geological Association Guidebook, 16th Annual Field Conference, Casper, Wyo., p. 101-112.

[3] Smith, J.H., 1965, A summary of stratigraphy and paleontology, upper Colorado and Montanan groups, south-central Wyoming, northeastern Utah, and northwestern Colorado, in Sedimentation of Late Cretaceous and Tertiary outcrops, Rock Springs uplift: Wyoming Geological Association Guidebook, 19th Annual Field Conference, Casper, Wyo., p. 13-26.

[4] Hale, L.A., 1950, Stratigraphy of the Upper Cretaceous Montana Group in the Rock Springs uplift, Sweetwater County, Wyoming, in Geology of southwest Wyoming: Wyoming Geological Association Guidebook, 5th Annual Field Conference, Casper, Wyo., p. 49-58.

SURFACE-SUBSURFACE CORRELATIONS OF THE MESAVERDE GROUP AND ASSOCIATED UPPER CRETACEOUS FORMATIONS, ROCK SPRINGS, WYOMING, TO MOUNT HARRIS, COLORADO

By

Henry W. Roehler

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