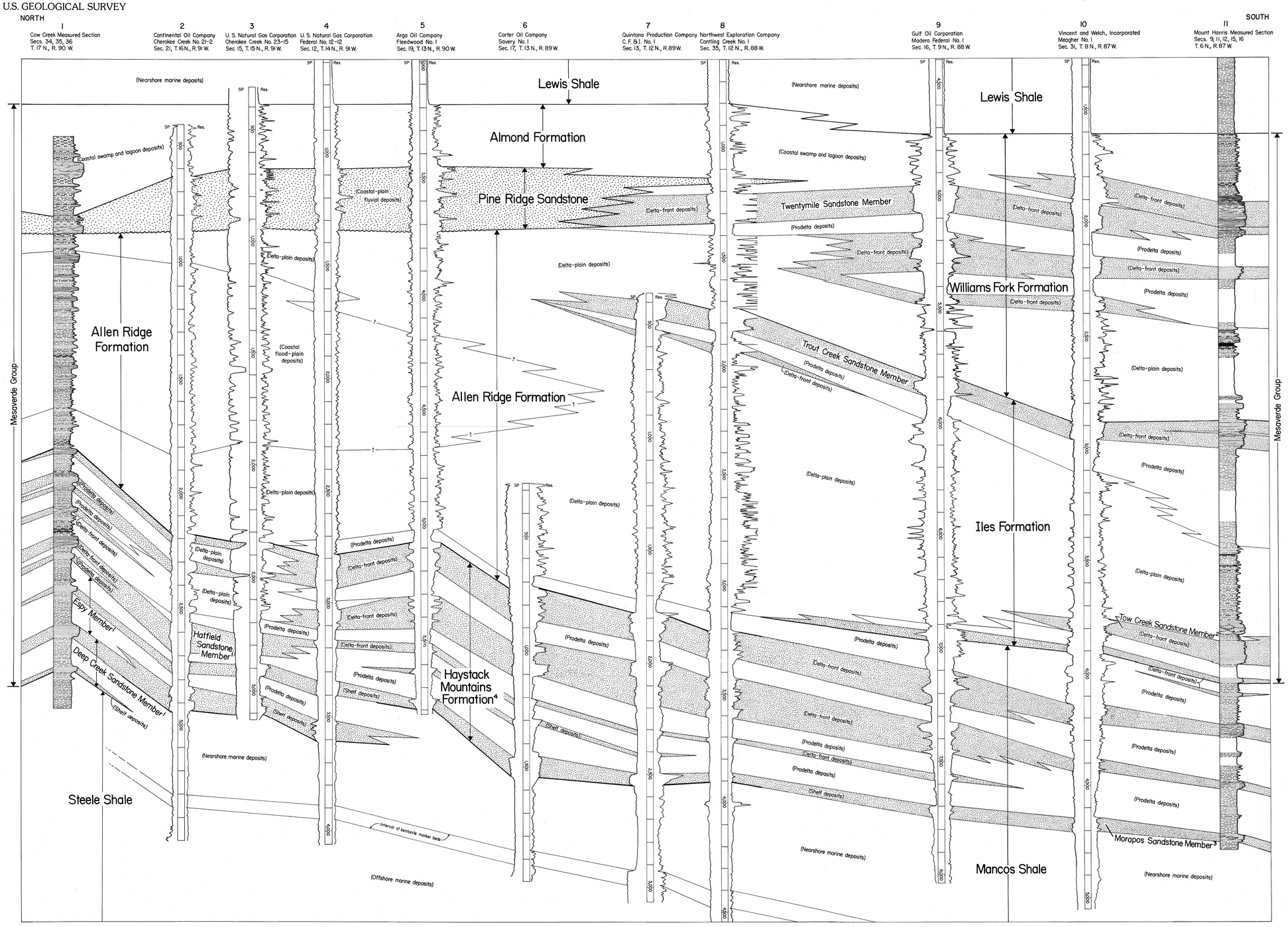


[1]Hale, L.A., 1961, Late Cretaceous (Montanan) stratigraphy, eastern Washakie Basin, Carbon County, Wyoming, in Wyoming Geological Association Guidebook, 16th Annual Field Conference, Casper, Wyoming, Symposium on Late Cretaceous Rocks of Wyoming: p. 129-137.

[2]Willson, E.M., 1920, Tow Creek Anticline (northern part): Colorado Geological Survey Bulletin 23, p. 26-49.

[3]Hancock, E.T., 1925, Geology and coal resources of the Axial and Monument Butte quadrangles, Moffat County, Colorado: U.S. Geological Survey Bulletin 757, 134 p.

[4]Gill, J.R., Merewether, E.A., and Cobban, W.A., 1970, Stratigraphy and nomenclature of some Cretaceous and Lower Tertiary rocks in south-central Wyoming: U.S. Geolgical Survey Professional Paper 667, 53 p.

EXPLANATION

Lithology shown in measured sections

- Conglomerate
- Sandstone, variously bedded
- Siltstone
- Shale
- Carbonaceous shale
- Coal
- Dolomite concretion
- Covered

Unconformity

Formation contact--Offsets indicate intertonguing or shift in formation boundaries

Facies contact--Queried where approximately located

5,000 Drill-hole depths--In feet (1 ft = 0.3048 m)

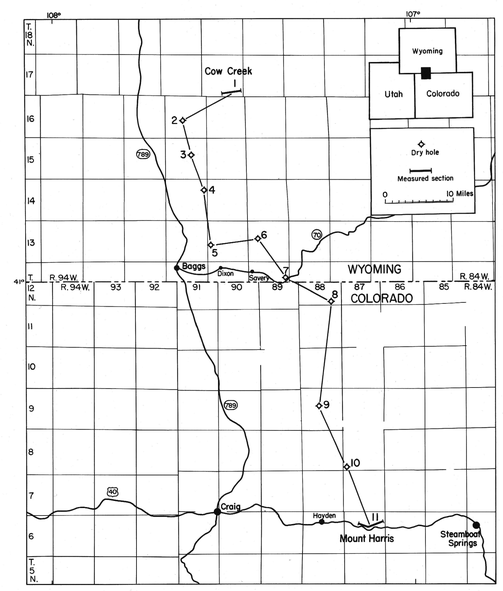
500 FEET
0

Note: Pattern of closely spaced dots is used to show correlations of coastal-marine sandstone deposits; pattern of widely spaced dots is used to show correlations of coastal-plain fluvial deposits. SP, spontaneous potential; Res., resistivity.

The Iles-Mancos contact on this cross section is changed from Roehler (1987)

REFERENCE

Roehler, H.W., 1987, Surface-subsurface correlations of the Mesaverde Group and associated Upper Cretaceous Formations, Rock Springs, Wyoming to Mount Harris, Colorado: U.S. Geological Survey Miscellaneous Field Studies Map MF-1937.



INDEX MAP SHOWING THE LOCATION OF MEASURED SECTIONS AND DRILL HOLES, COW CREEK, WYOMING, TO MOUNT HARRIS, COLORADO

SURFACE AND SUBSURFACE CORRELATIONS SHOWING DEPOSITIONAL ENVIRONMENTS OF THE UPPER CRETACEOUS MESAVERDE GROUP AND ASSOCIATED FORMATIONS, COW CREEK IN SOUTHWEST WYOMING TO MOUNT HARRIS IN NORTHWEST COLORADO

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