

EXPLANATION

PLEISTOCENE TO MIOCENE(?)

QUATERNARY AND TERTIARY

ANGULAR UNCONFORMITY

MEETEETSE AND MESAVERDE FORMATIONS UNDIVIDED

CODY SHALE

FRONTIER FORMATION

MOWRY SHALE

THERMOPOLIS SHALE

FORMATIONS SHOWN IN SECTION NOT EXPOSED AT SURFACE

Kcl, CLOVERLY FORMATION (LOWER CRETACEOUS)

Jms, MORRISON AND SUNDANCE FORMATIONS (UPPER JURASSIC)

Rc, CHUGWATER FORMATION (TRIASSIC)

Cu, CARBONIFEROUS AND OLDER UNDIVIDED

STRUCTURE CONTOURS ON TOP OF THE CHUGWATER FORMATION (TRIASSIC). CONTOUR INTERVAL 100 FEET. DATUM IS MEAN SEA LEVEL

INCLINATION OF STRATA: A, DIP; B, DIP AND STRIKE

FAULT: D, DOWNTROW

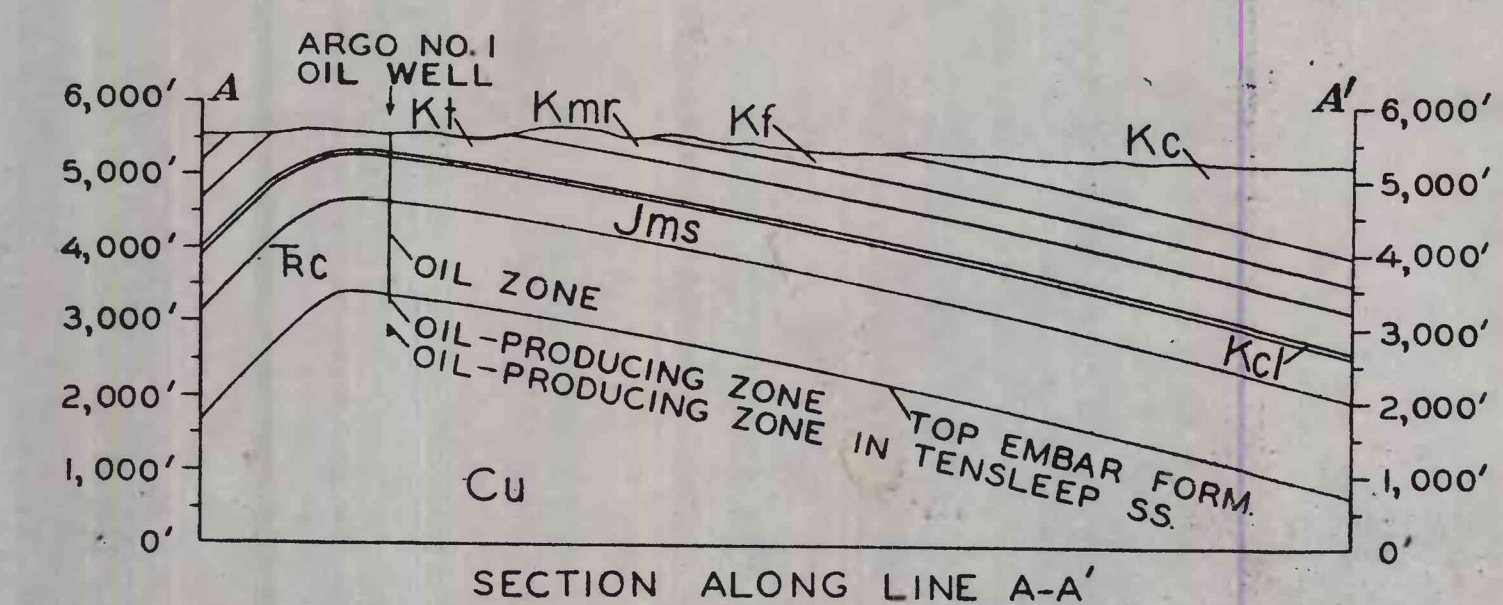
WELLS: A, OIL WELL; B, DRY HOLE WHICH REACHED THE EMBAR; C, DRY HOLE WHICH DID NOT REACH THE EMBAR

LAND CORNER LOCATED

BENCH MARK AND ALTITUDE IN FEET ABOVE MEAN SEA LEVEL

BASE COMPILED FROM AUTHOR'S FIELD SHEET AND GENERAL LAND OFFICE TOWNSHIP PLATS

GEOLOGY BY WILLIAM B. KRAMER, ASSISTED BY ROBERT Mc MILLAN. MESAVERDE - CODY BOUNDARY MOSTLY FROM U. S. GEOL. SURVEY PROF. PAPER 145, PL. 3, 1926. SURVEYED MAY 22 TO JUNE 20, 1940



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGIC MAP AND SECTION OF HAMILTON DOME AND WAGONHOUND ANTICLINE, HOT SPRINGS COUNTY, WYOMING

