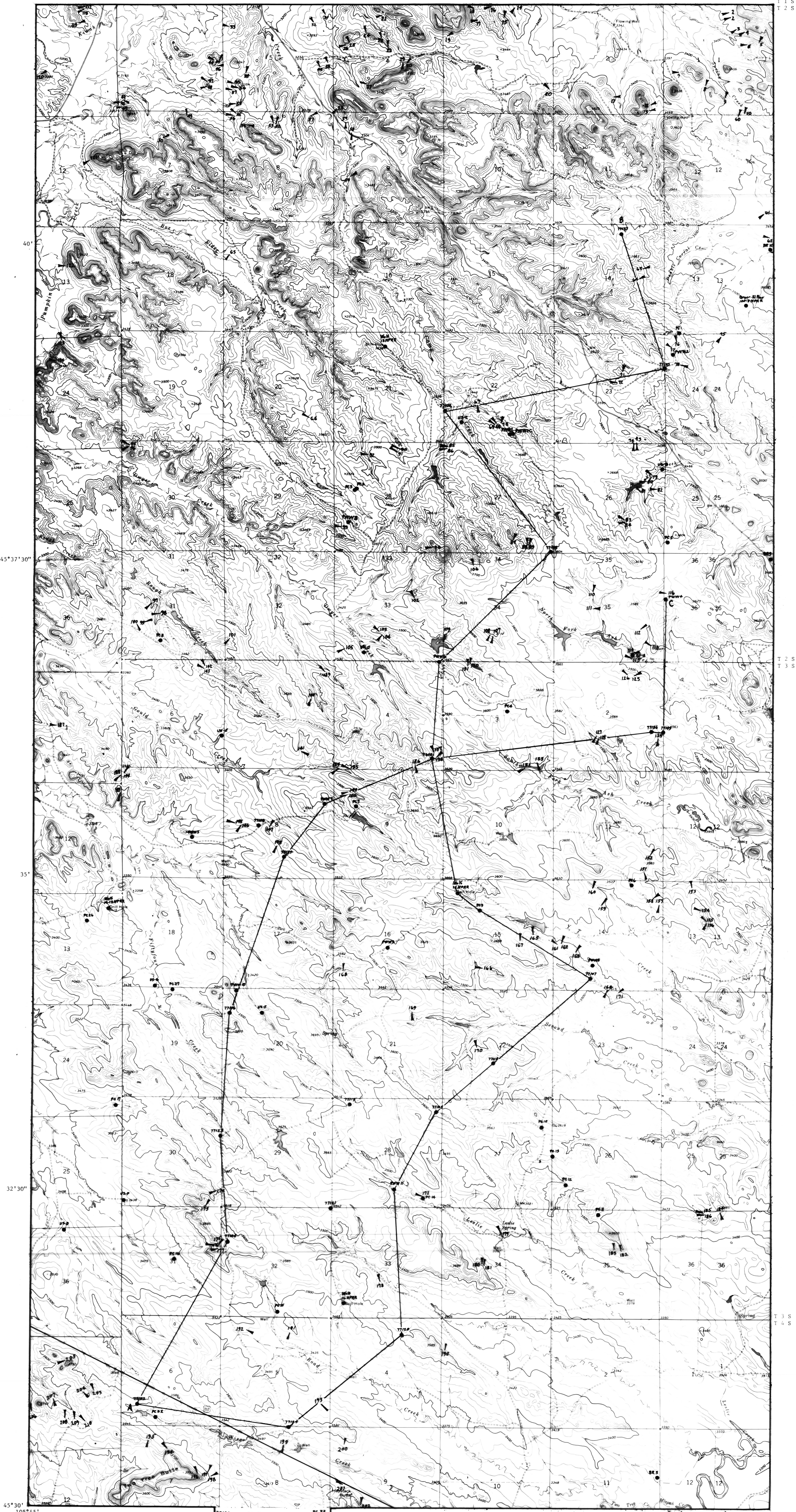


R 48 E R 49 E

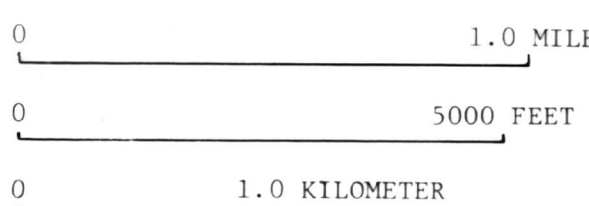
R 49 E R 50 E
T 1 S
T 2 S



BASE FROM U.S. GEOLOGICAL SURVEY BOX ELDER CREEK,
LESLIE CREEK, COALWOOD, AND OLIVE QUADRANGLES

CONTOUR INTERVAL 20 FEET

Geology mapped 1976, 77
SCALE 1:24,000



LOCALITY MAP OF THE PUMPKIN CREEK EMRIA STUDY SITE,
BOX ELDER CREEK, LESLIE CREEK, COALWOOD, AND
OLIVE QUADRANGLES, POWDER RIVER COUNTY, MONTANA

BY
MARGUERITE GLENN
1978

EXPLANATION

37
PW12

LOCALITY AT WHICH COAL WAS MEASURED OR OBSERVED--Number shown near point of
triangle. Coal beds and their thicknesses are shown on table

DRILL HOLE--Number shown above
Holes drilled for the EMRIA study are shown as follows:
PW1--PW11, Holes drilled by U.S. Geological Survey
76101, 77102--77110, Holes drilled by the U.S. Bureau of Reclamation
77118--77137, Holes drilled by Montana Bureau of Mines and Geology
and U.S. Geological Survey

Previously drilled holes from which data (Matson, Blumer, and Wegelin,
1973, pls. 15, 17; geophysical and drillers' logs) were used
are shown as follows:

US-A--US-G, US-O, and US-P, Holes drilled by U.S. Geological Survey
BR3, BR9, BR10, PC1--PC17, PC26, PC27, PC32, and PC33. Holes drilled
by Northern Pacific Railroad and Montana Bureau of Mines and
Geology
Greer--El Paso 100-5 NPRR, Wolf 13, 15, 16, and 14-13 NPRR, Abandoned
holes drilled in exploration for oil and gas

LINE OF SECTIONS A-B AND A-C

REFERENCE

Matson, R. E., Blumer, J. W., and Wegelin, L. A., 1973, Quality and reserves
of strippable coal, selected deposits, southeastern Montana: Montana
Bur. Mines and Geology Bull. 91, 135 p.

LOCALITY AND STRUCTURE CONTOUR MAPS OF THE PUMPKIN CREEK EMRIA STUDY SITE, POWDER RIVER COUNTY, MONTANA

By
Marguerite Glenn
1978