

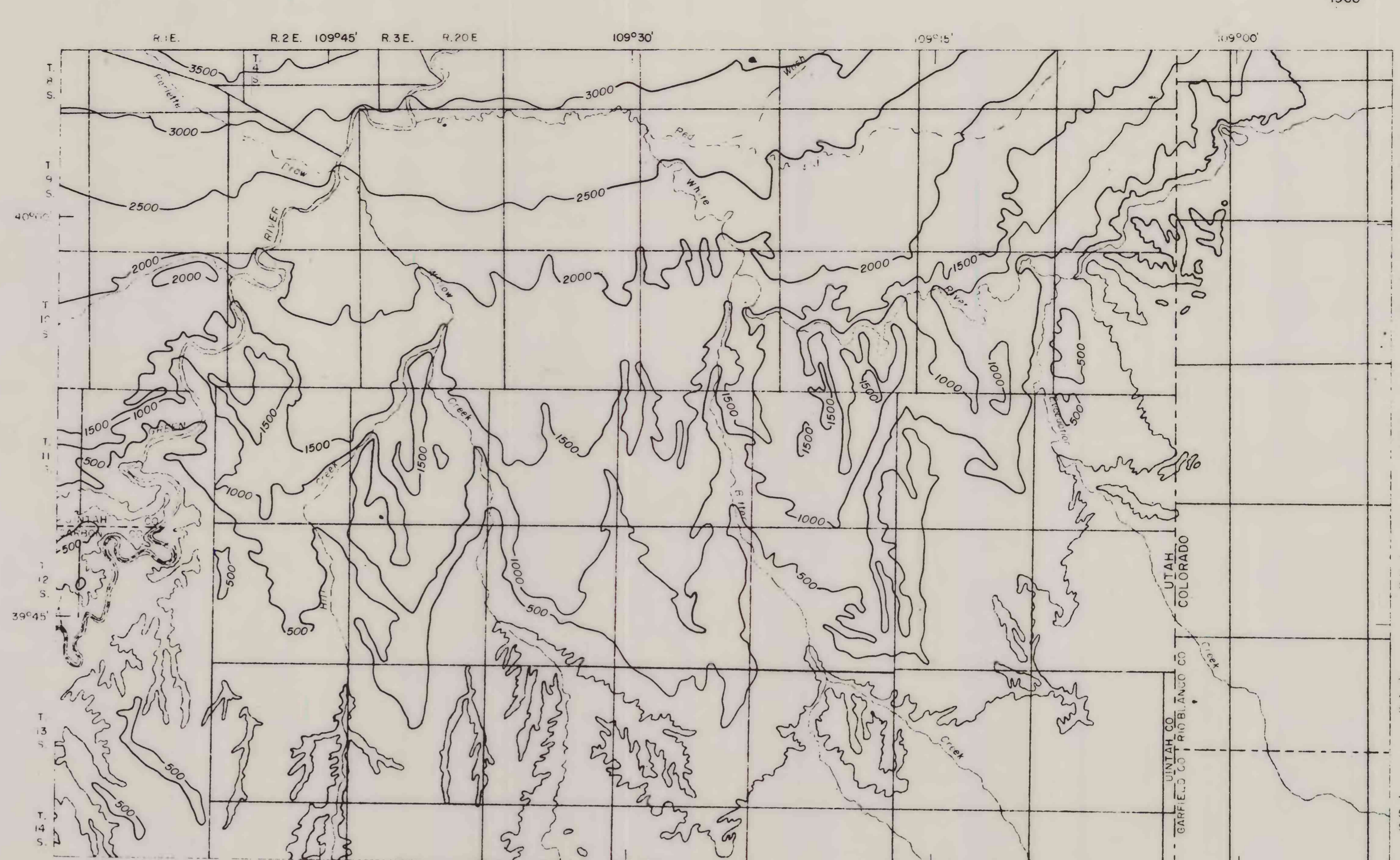
STRUCTURE CONTOUR MAP OF MAHOGANY OIL-SHALE BED

**EXPLANATION**

Outcrop of Mahogany oil-shale bed

6000

Structure contour  
Drawn on top of Mahogany oil-shale bed. Long dashed where approximately located; short dashed where datum is above land surface. Interval 500 feet. Datum is mean sea level



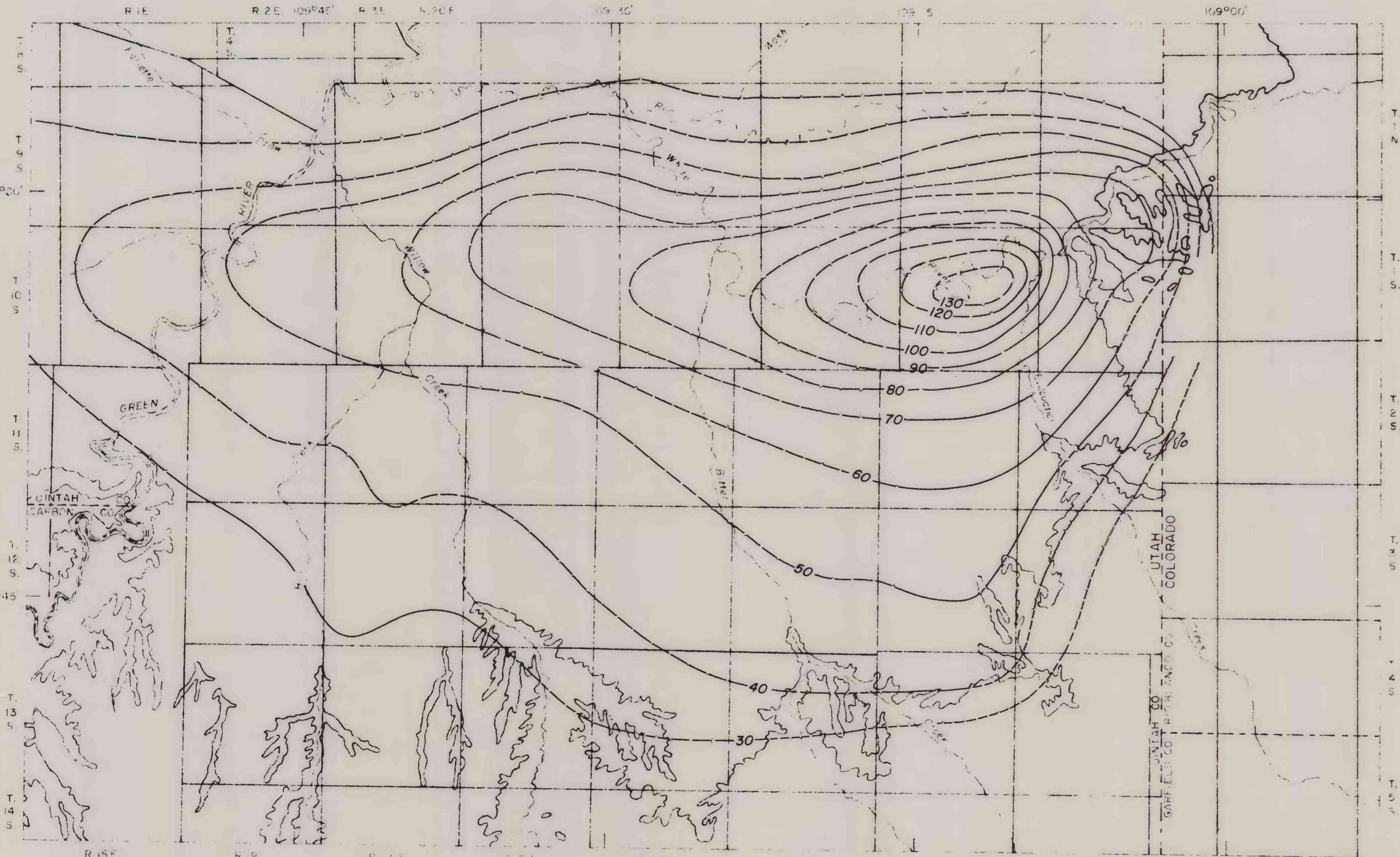
THICKNESS OF OVERBURDEN ABOVE MAHOGANY OIL-SHALE BED

**EXPLANATION**

Outcrop of Mahogany oil-shale bed

2000

Line showing thickness, in feet, of overburden above Mahogany oil-shale. (Top of rich oil-shale sequence is commonly less than 40 feet above Mahogany oil-shale bed) Interval 500 feet



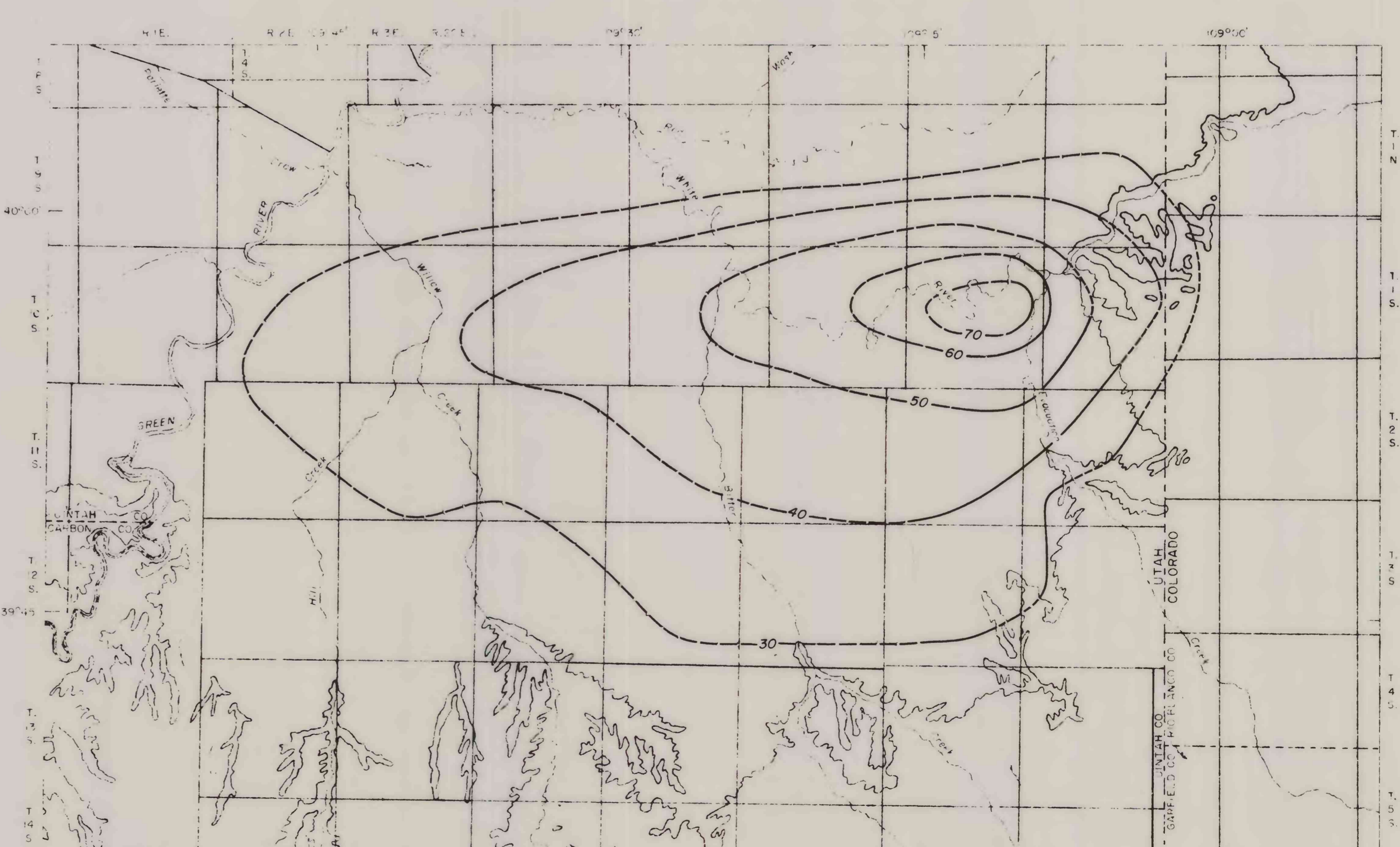
THICKNESS OF OIL-SHALE SEQUENCE THAT YIELDS AN AVERAGE OF 25 GALLONS OF OIL PER TON

**EXPLANATION**

Outcrop of Mahogany oil-shale bed

40

Line showing thickness, in feet, of a continuous sequence of oil-shale beds that will yield an average of 25 gallons of shale oil per ton. Solid where based on oil-yield data from cores; long dashed where based on oil-yield data from outcrop or cuttings from exploratory wells; short dashed where Mahogany oil-shale bed is eroded



THICKNESS OF OIL-SHALE SEQUENCE THAT YIELDS AN AVERAGE OF 30 GALLONS OF OIL PER TON

**EXPLANATION**

Outcrop of Mahogany oil-shale bed

60

Line showing thickness, in feet, of a continuous sequence of oil-shale beds that will yield an average of 30 gallons of shale oil per ton. Solid where based on oil-yield data from cores; long dashed where based on oil-yield data from outcrop or cuttings from exploratory wells; short dashed where Mahogany oil-shale bed is eroded

1:250,000