

**EXPLANATION**

Miocene	<b>Ta</b>	Arikaree Formation <i>Tuffaceous sandstone and volcanic ash</i>	TERTIARY
	<b>Tfu</b>	Ludlow Member of Fort Union Formation <i>Massive sandstone, shale, and lignite</i>	
Paleocene	<b>Khc</b>	Hell Creek Formation <i>Claystone and lenticular sandstone</i>	CRETACEOUS
	<b>Kfh</b>	Fox Hills Sandstone <i>Marine sandstone and sandy shale</i>	
	<b>Kp</b>	Pierre Shale <i>Marine shale and claystone</i>	

Contact  
*Dashed where approximately located; short dashed where inferred*

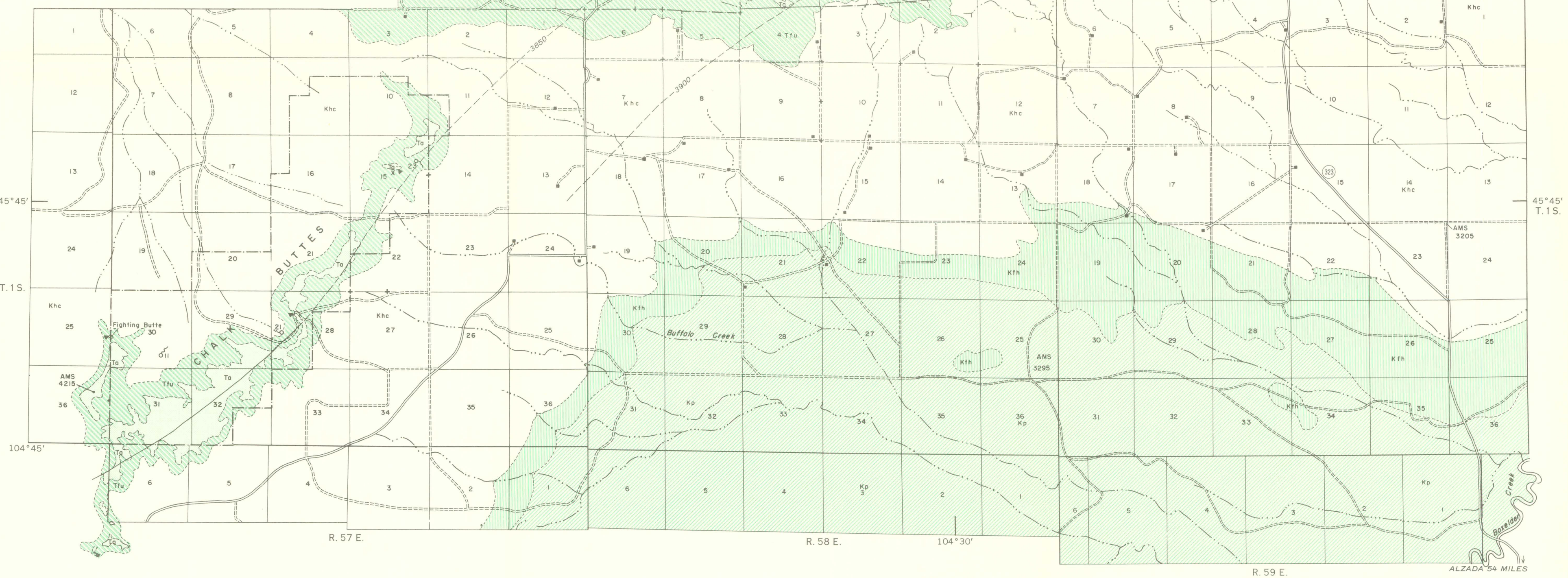
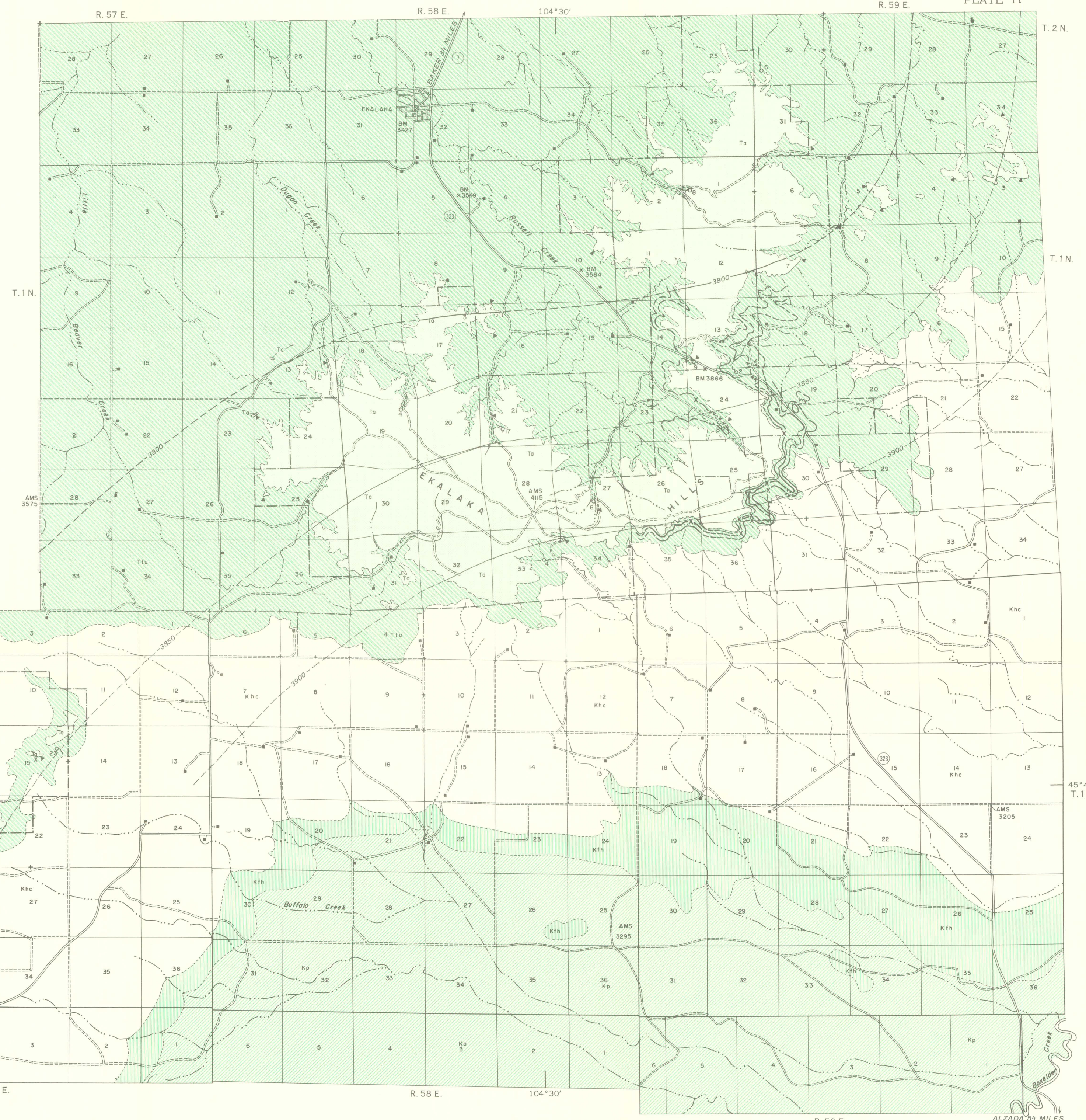
Lignite bed  
*Dashed where approximately located*

Contour  
*Showing altitude of base of Arikaree Formation. Dashed where restored. Interval 50 feet. Datum is mean sea level. Vertical control by single base altimetry*

▲ AMS 3575 Altitude control point Army Map Service elevation, in feet  
 ○ 4 Spring Number is uranium content, in parts per billion  
 X Uranium-bearing lignite occurrence

Custer National Forest Boundary

MONTANA  
Carter County  
MAPPED AREA



Base from Bureau of Land Management plats

**GEOLOGIC MAP OF THE EKALAKA HILLS AND CHALK BUTTES AREA, CARTER COUNTY, MONTANA**

Geology after Bauer, (1924), and Gill, (1959)

