

EXPLANATION CONTINUED



Coal beds  
Groups of coal beds in the Fort Union, Meeteete, and Mesaverde formations; sc, second group of coal beds in Mesaverde formation on which contours are based



Coal mine  
(Numbers along coal beds refer to measured sections on plates or in text)



Coal prospect



Oil well



Gas well



Oil and gas well



Show of oil and gas



Dry hole

NOTE: Numbers at well symbols referred to in text

EXPLANATION



Qal  
Alluvium  
(Valley and flood-plain deposits along streams)



Qt  
Terrace gravel  
(Gravel and boulders washed from Absaroka Mountains)



Tw  
Wasatch formation  
(Vari-colored clay, sandstone, and conglomerate)

UNCONFORMITY AND OVERLAP



Tfu  
Fort Union formation  
(Thin-bedded sandstone, shale, and thin beds of coal; several conglomeratic beds in basal part)

ANGULAR UNCONFORMITY



Tl  
Lance formation  
(Chiefly thick-bedded, slightly consolidated buff sandstone with intercalated beds of clay and shale; several thin beds of coal in uppermost part; persistent bed of buff concretionary sandstone at base)



Km  
Meeteete formation  
(Gray to white clayey sand and sandstone, locally concretionary; gray to pale olive sandy clay, brown shale, and bentonite; thin beds of coal in upper part)



Kmv  
Mesaverde formation  
(Massive sandstone of light-buff color, chiefly in lower part; thinly laminated sandstone, and thin layers of light and dark gray shale; lower part coal bearing; a few thin coals in upper part; sc, second coal group)



Kc  
Cody shale  
(Upper part chiefly alternating thin-bedded buff sandstone and buff sandy shale; lower part dark-gray to dark olive-gray thin-bedded shale)



Kf  
Frontier formation  
(Shale, sandy shale, sandstone, bentonite, and thin beds of coal)

FORMATIONS SHOWN IN SECTIONS NOT EXPOSED AT SURFACE

Kmr Mowry shale  
Kt Thermopolis shale  
Kcl Cloverly formation  
Kms Morrison formation



Faults  
(Location at surface in black; location below surface shown in color of associated structure contours; U, upthrow; D, downthrow. Figure indicates displacement in feet)



Syncline  
(Surface position)



Syncline  
(Position on contoured coal bed)



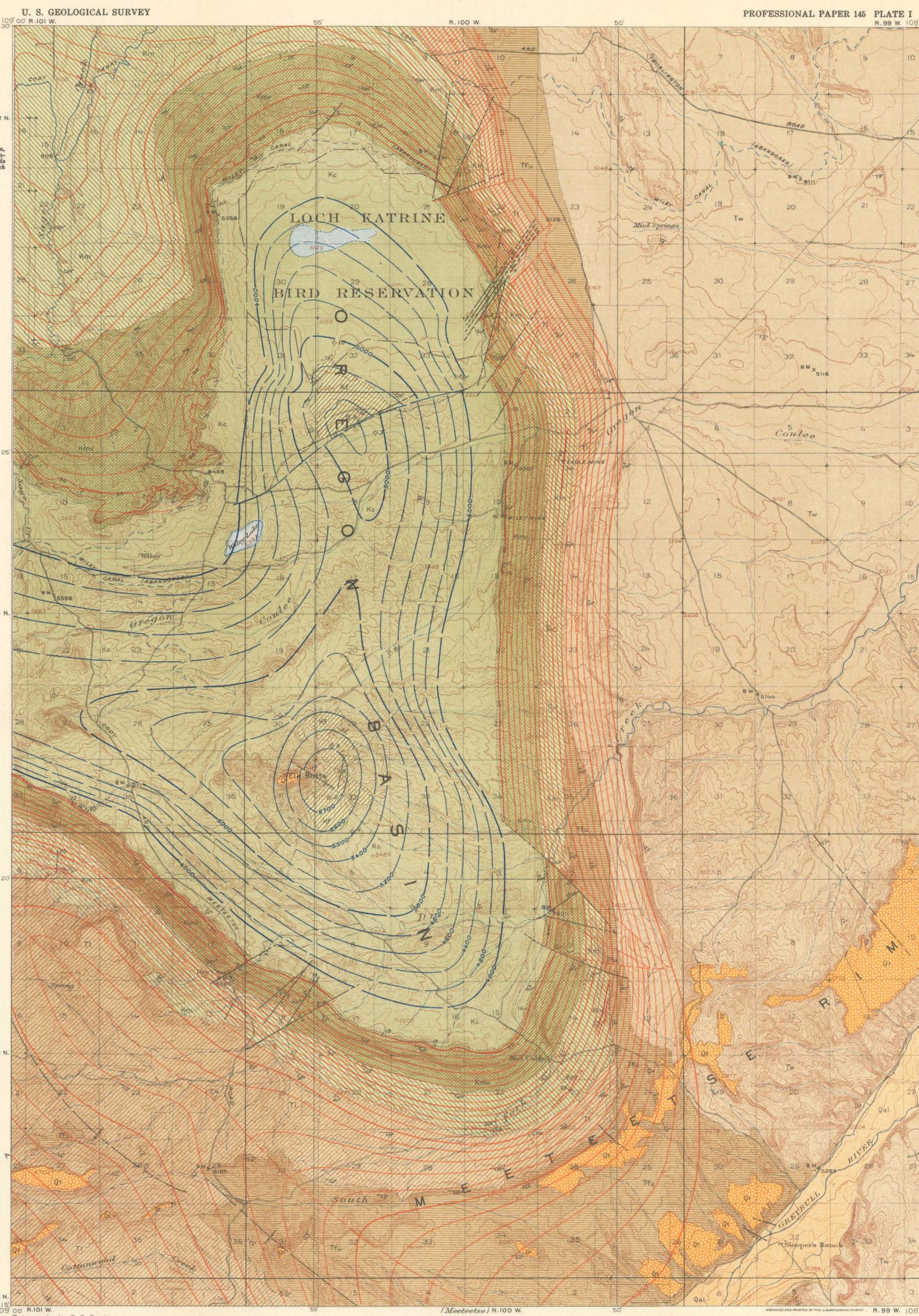
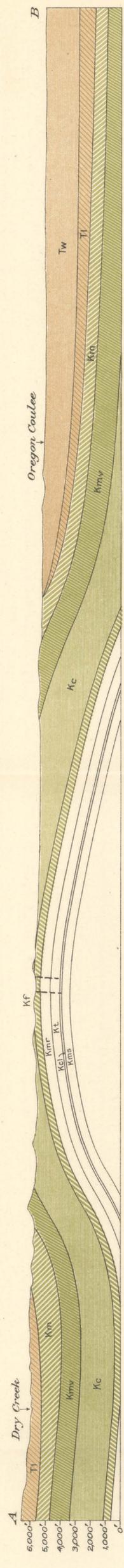
Strike and dip of strata



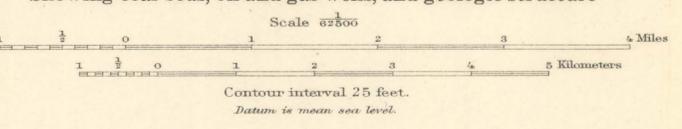
Structure contours on top of Frontier formation. Contour interval 200 feet; datum sea level



Structure contours on second group of coal beds (sc) in Mesaverde formation. Contour interval 200 feet; datum sea level



GEOLOGIC MAP AND CROSS SECTION OF THE OREGON BASIN QUADRANGLE, WYOMING  
Showing coal beds, oil and gas wells, and geologic structure



6000'  
5000'  
4000'  
3000'  
2000'  
1000'  
0'