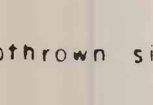
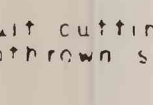





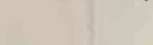
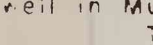


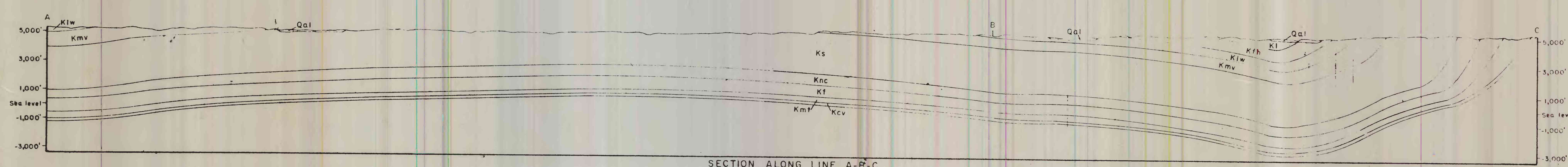


Contact
 Dashed where approximately located

 Fault
 U, Uplathrown side, D, Downthrown side
 Dashed where inferred

 Fault cutting "Dakota sand" in subsurface
 U, Uplathrown side, D, Downthrown side
 Dashed where inferred

 Strike and dip of bed
 1500
 Contour contours drawn on top of the Cloverly formation, Dakota sand of drillers. Contour interval 2 feet. Dashed where approximately located, d. t. m. mean sea level

 Abandoned coal mine
 WELL SYMBOLS

 Oil well in Shanann sandstone member of the Steele shale

 Oil well in Frontier formation

 Oil well in Muddy sandstone member of the Thermopsis shale

 Oil well in Dakota and/or Dakota sands

 Oil well

 Abandoned oil well

 Dry hole
 Wells producing from the Shanann sandstone member of the Steele shale are not



GEOLOGIC AND STRUCTURE MAP OF THE GLENROCK AREA, NATRONA AND CONVERSE COUNTIES, WYOMING

By
E. G. Cserna and R. L. Rioux

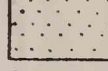
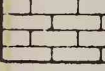
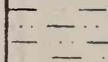

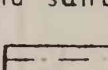
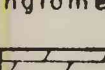
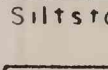
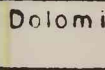
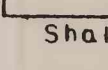
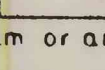
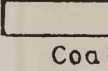
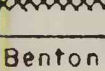
SCALE

0 1/2 1 2 3 4 5 6 Miles

1957

U. S. Geological Survey
OPEN FILE REPORT
This map is preliminary
and has not been edited or prepared for
conformity with Geological Survey
standards or nomenclature.

EXPLANATION FOR COLUMNAR SECTION

 <p style="text-align: center;">Sandstone</p>	 <p style="text-align: center;">Limestone</p>
 <p style="text-align: center;">Thin-bedded shale and sandstone</p>	 <p style="text-align: center;">Dolomite conglomerate</p>
 <p style="text-align: center;">Siltstone</p>	 <p style="text-align: center;">Dolomite</p>
 <p style="text-align: center;">Shale</p>	 <p style="text-align: center;">Gypsum or anhydrite</p>
 <p style="text-align: center;">Coal</p>	 <p style="text-align: center;">Bentonite</p>
 <p style="text-align: center;">Calcareous shale</p>	 <p style="text-align: center;">Crystalline rocks</p>

COLUMNAR SECTION					
SYSTEM	SERIES	GROUP	FORMATION AND MEMBER	SYMBOL	SECTION
	<i>Eocene</i>		Wasatch formation 200'± exposed	Tw	
			Fort Union formation 3500'	Tfu	
			Lance formation 3300'	Kl	
			Fox Hills sandstone 800'	Kfh	
			Lewis shale 500'	Klw	
			Mesaverde formation 860' <i>Trident sandstone member 30'</i> Parkman sandstone member 450'	Kmv	
			Steens shale 2810' <i>Shoshone sandstone member</i>	Ks	
			Niobrara formation 370'	Knc	
			Carlile shale 265'	Kf	
			Frontier formation 800'	Kf	
			Mowry shale 300' <i>Wadsworth limestone member</i> Thermopsis shale 160' <i>Wadsworth sand</i> Cloverly formation 140' <i>Wadsworth sand</i> Morrison formation 190' Sundance formation 245' <i>Altoona limestone member</i>	Kmwy	
			Chugwater formation 540'	Rpw	
			Red shales and siltstones, limestones and aggrum sequence 365'	Cc	
			Casper formation 480'	Cc	
			Madison formation 180'	Cm	
			Deadwood formations 51'	Sd	
			Crystalline rocks	Pc	
			*Driller's term		