Approximate location of Burley No. 1 well

Age			West Formation or Group Name East			Lithology	Seismic Stratigraphic Packages	Extensional and Orogenic Events	Thrust Sheets	
	Perm. .uuə	Lower Upper Middle	Post-Pottsville roo	ocks, undivided			Pottsville Group and post-Pottsville rocks	Alleghanian orogeny	orogeny	
	Miss. Pe	Lower	Pottsville Group							
		Upper	Greenbrier Limestone an	Greenbrier Limestone and Mauch Chunk Group				Greenbrier Limestone		
		Lower	Berea Sandstone, Sunbury Shale, and Price Formation							
	Devonian	-	Venango Group (Formation)					Venango Group		
		Upper	and Riceville Formation							
			Chagrin		l f					
			Huron Mbr. of Bradford Group		Greenland Gap Group			Bradford Group		Colling about
									Acadian orogeny	Salina sneet
			Java Formation	Elk Group				Elk Group		
			West Falls Angola Shale Member							
			Formation Rhinestreet Shale Member		Brallier Formatio	Brallier Formation				
			Sonyea Formation							
			Genesee Formation		Harroll Shale					
			Tully Limestene Hamilton Group Marcellue Shale and Opendage		nondaga Limastana					
	-	lower	Original Conditions and Helderberg Crew					Hamilton Group		
പ	Silurian	LOWEI								
iozo		Upper	Salina Group (includes salt beds) Salina Group, Tonoloway Limestone,				-			
alec			and Wills Creek Formation and Wills Creek Formation							
ã			Lockport Dolomite and Keefer Sandstone McKenzie Limestone and Keefer Sandstone				Salina Group			
		Lower	Bose Hill Formation							
								Taconic orogeny	Reedsville- Martinsburg sheet	
			Tuscarora Sandstone				Juniata Formation			
	Ordovician		Juniata Formation							
		Upper	Oswego Sandstone							
			Reedsville Shale (Utica Shale at base)				Reedsville Shale			
			Trenton Limestone				Trenton Limestone			
		Middle	Black River Limestone				Trenton Liniestone	Passive continental Rom margin modified Waynes by Rome trough shee		
			Knox unconformity Beekmantown Group				Beekmantown Group			
									Rome- Waynesboro sheet	
		Lower								
	Cambrian	Uppor	Upper sandstone member of the Copper Ridge Dolomite of the Knox Group							
		ohhei	Copper Ridge Dolomite of the Knox Group					Knox Group and pre-Knox rocks	extension	
		Middle	Conasauga Group and Rome Formation							
		Lower								,
		LOWEI								
zoic			Grenvillian basement							Autochthonous
5ro							Grenvillian		Grenvillian	
rot								businent		basement
₽_										

Figure 3.--Correlation chart of Paleozoic and Proterozoic rocks in the study area and associated thrust sheets. Also shown are times of major extensional and orogenic events. Colors refer to seismic stratigraphic packages that are defined in figure 5 and interpreted on the seismic sections.