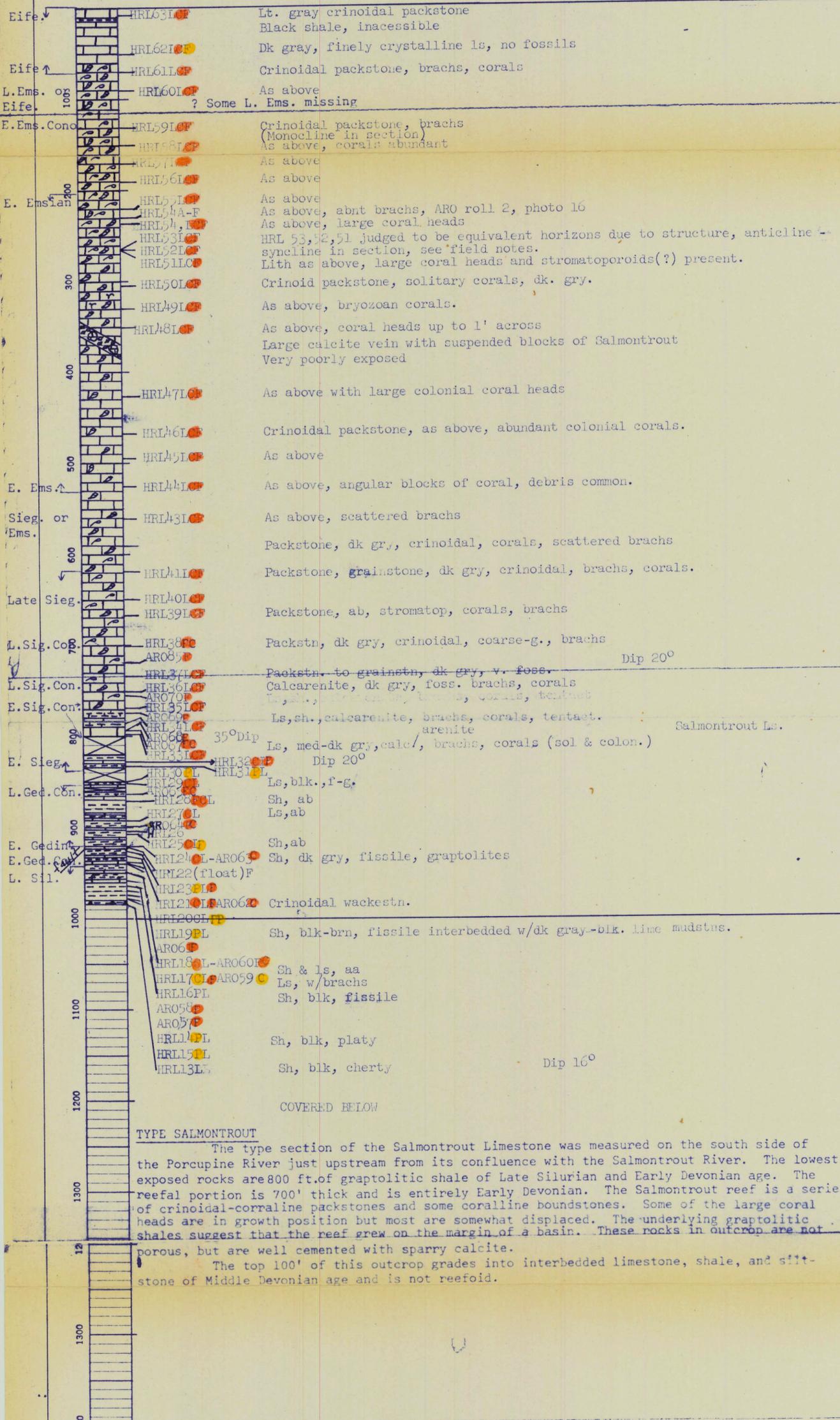
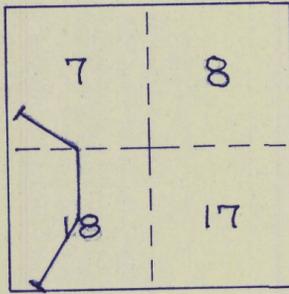


# Amoco Production Company

## Surface Log

Name TYPE SALMONTROUT EXPOSURE  
 COUNTY \_\_\_\_\_ STATE ALASKA  
 LOCATION SW 18 °N \_\_\_\_\_ °W Sec. 7 TWN 27N RNG 28E  
 MEASURED BY G. Self DATE 7/8-10/71  
 INTERVAL Graptolitic shales and Salmontrout Limestone  
 REMARKS The same section is published in Charkin & Brabb, Devonian Rocks of the Yukon-Porcupine Rivers area and their relation to other Devonian sequences in Alaska, 1967, Int'l Symp. on the Devonian System: Calgary, V. II, pp 235 & 238.



**TYPE SALMONTROUT**  
 The type section of the Salmontrout Limestone was measured on the south side of the Porcupine River just upstream from its confluence with the Salmontrout River. The lowest exposed rocks are 800 ft. of graptolitic shale of Late Silurian and Early Devonian age. The reefal portion is 700' thick and is entirely Early Devonian. The Salmontrout reef is a series of crinoidal-coraline packstones and some coralline boundstones. Some of the large coral heads are in growth position but most are somewhat displaced. The underlying graptolitic shales suggest that the reef grew on the margin of a basin. These rocks in outcrop are not porous, but are well cemented with sparry calcite.  
 The top 100' of this outcrop grades into interbedded limestone, shale, and siltstone of Middle Devonian age and is not reefoid.