PROFESSIONAL PAPER 304-A UNITED STATES DEPARTMENT OF THE INTERIOR PLATE 11 GEOLOGICAL SURVEY 154°40′ PROT 0 00° 71°05′ 71°05′ C 71°00′ CHANGE OF SEISMIC CONTROL REFLECTING HORIZON EQUIVALENT HORIZON EQUIVALENT TO APPROX-IMATELY -900 FEET AT SIMPSON \bigcirc HORIZON EQUIVALENT TO APPROXIMATELY TEST WELL I **EXPLANATION** \triangle _____ Structure contours Structure contours

Drawn approximately at base of Upper
Cretaceous rocks. Dashed where
control is poor; contour intervals, 100
and 500 feet; datum is mean sea level CHANGE OF SEISMIC CONTROL Reported by party 147, 1950 _____ Structure contours Drawn on horizons within Lower Cre-taceous rocks. Dashed where control is poor; dotted below unconformity; contour interval 50 feet; datum is mean sea level ♦¹Dry hole o²⁰ Core test ¶³ Oil seep Seismic surveys by United Geophysical Co., Inc.

STRUCTURE-CONTOUR MAP OF THE SIMPSON AREA, SHOWING UNCONFORMITY BETWEEN UPPER AND LOWER CRETACEOUS ROCKS, NORTHERN ALASKA