WESTERN UNITED STATES 1:250,000

PENDLETON

OPEN-FILE REPORT 79-534

SHEET 8 OF 9

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1964

SPECIAL PRINTING
Contours and woodland symbols omitted

Prepared by the Army Map Service (AMSX), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1954 by photogrammetric methods. Horizontal and vertical control by USGS, USC&GS and USCE. Aerial photography, 1952. Field grading field annotated 1953. Limited revision by U.S. Geological Survey, 1964.

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

LEGEND
ROAD DATA 1953 PARTIALLY REVISED 1964

POPULATED PLACES
Over 500,000 — LOS ANGELES
100,000 to 500,000 — OMAHA
25,000 to 100,000 — GALVESTON
5,000 to 25,000 — Laramie
1,000 to 5,000 — Grand Coulee
Less than 1,000 — Sun Valley

RAILROADS
Standard gauge — Single track, Double or Multiple
Narrow gauge

BOUNDARIES
International
State
County
Park or reservation

Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Woods-brushwood

ROADS
Hard surface, heavy duty
More than two lanes wide — 3 LANES | 4 LANES
Two lanes wide, Federal route marker — 151
Hard surface, medium duty
More than two lanes wide — 3 LANES | 4 LANES
Two lanes wide; State, Interstate route markers — 10
Improved light duty
Unimproved dirt
Trail

Landmarks: School; Church; Other
Horizontal control point
Spot elevation in feet — 22V
Marsh or swamp
Intermittent or dry stream
Power line

Approximate road alignment

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

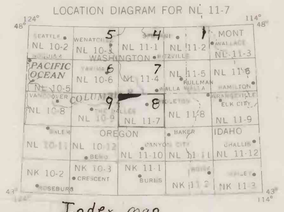
5 0 5 10 15 20 25 30 Kilometers

5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS
TRANSVERSE MERCATOR PROJECTION

1960 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 20°30' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 20°00' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°02' WESTERLY.

LOCATION DIAGRAM FOR NL 11-7



Geology mapped in 1978. Some geology modified from Portland General Electric Co. (1974), Newcomb (1971), and Walker (1973)

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PENDLETON, OREGON; WASHINGTON
1953
LIMITED REVISION 1964

PRELIMINARY RECONNAISSANCE GEOLOGIC MAPS OF THE COLUMBIA RIVER BASALT GROUP IN PARTS OF EASTERN WASHINGTON AND NORTHERN IDAHO

Index map
Gardner

BY D.A. SWANSON, R.D. BENTLEY, G.R. BYERLY, J.N. GARDNER, AND T.L. WRIGHT

1979