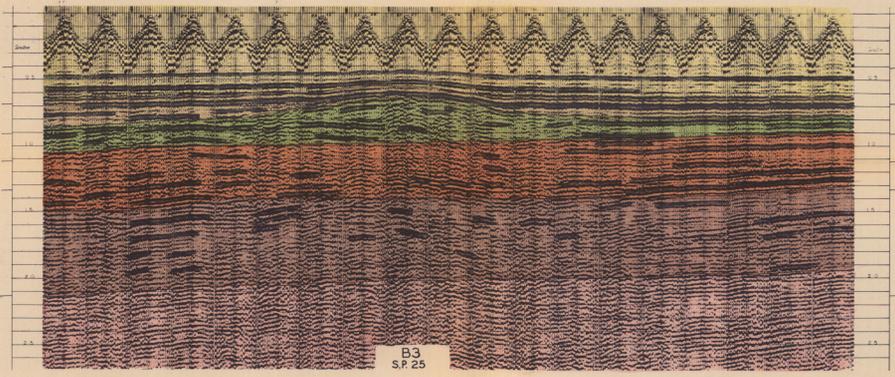
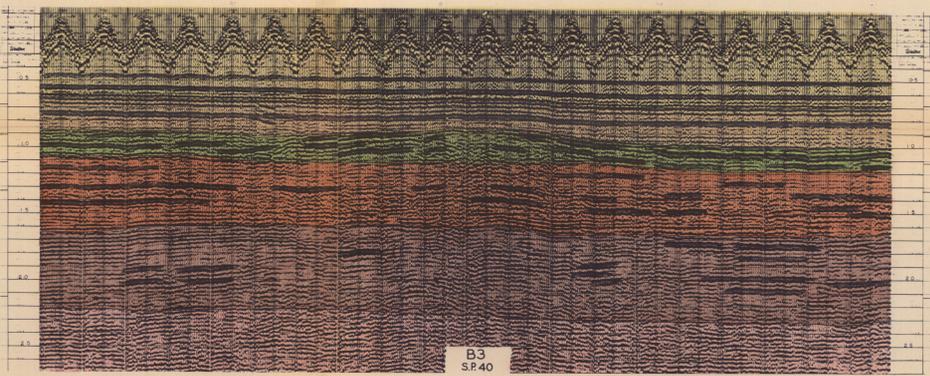


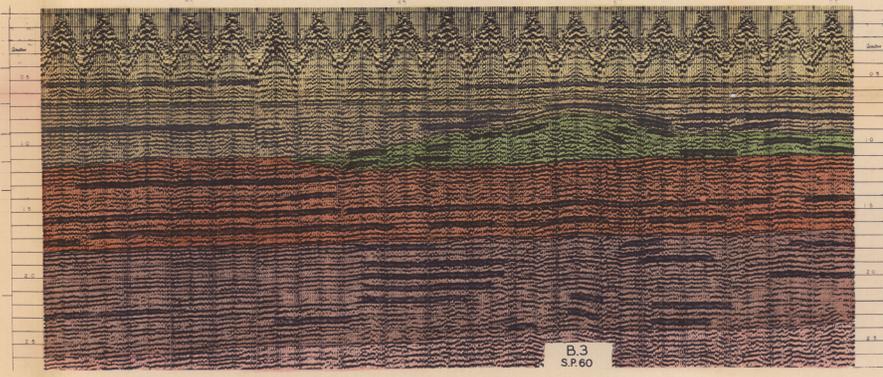
B-II



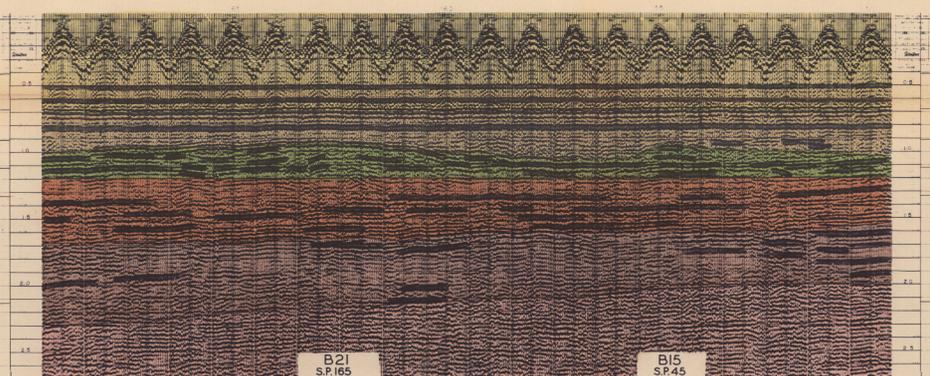
B-3



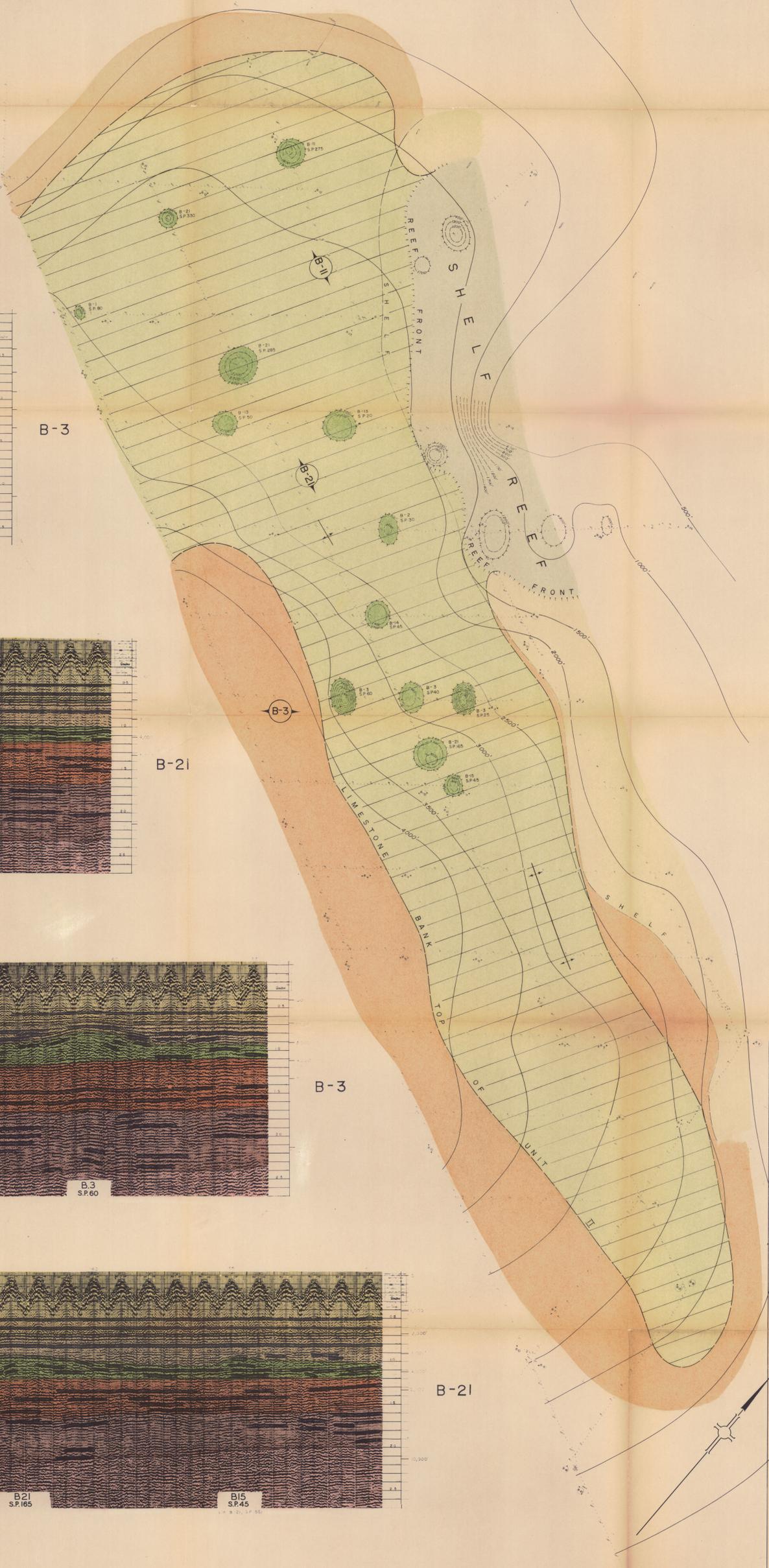
B-21



B-3



B-21



BASIN REEFS

EXPLANATION:
 Thirteen basin reefs are recognized and many more should be present between the lines of control. Five of the more representative ones are illustrated on this map.
 The basin reefs appear to be individual buildups, somewhat round and from 1 to 4 miles in diameter. They rise as much as 700 feet above the top of the Ls. Bank which occupies the upper 500 to 1,300 feet of Unit II.
 The overall distribution of the Ls. Bank with its basin reef buildups is shown on the map Structure Top Unit II. From this it is seen that the Ls. Bank is developed over the northwest and southeast portions of this area. The basin reefs are grouped in the northeast half of the basin and fall mainly within the trend between the northeast and southwest shelf reefs. This suggests a shoaling tendency out in the basin during the latter part of Unit II.
 As with the shelf reefs, the buildup is expressed in a prominent reflection marking the top of Unit II. The lower beds of the overlying Unit III wedge out against the buildup while the higher beds assume draping attitude.
Oil Prospects:
 The basin reefs should have good reservoir properties and may be effectively sealed by argillaceous sediments of Unit III. There may be other potential sources from which oil could migrate into the reefs, but the more apparent one would be from the adjacent Unit III.

STRATIGRAPHIC SEQUENCE

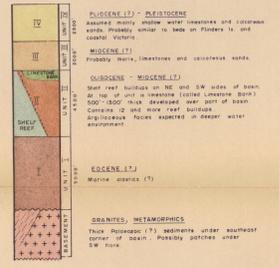


FIG. 25
HAEMATITE EXPLORATIONS PTY., LTD.
BASS BASIN
BASIN REEFS AND LIMESTONE BANK

048061

SCALE OF MILES
 0 5 10 15 20
 1:250,000

OG-688

SEPTEMBER, 1964. L. REED A.S. MAUREIRA