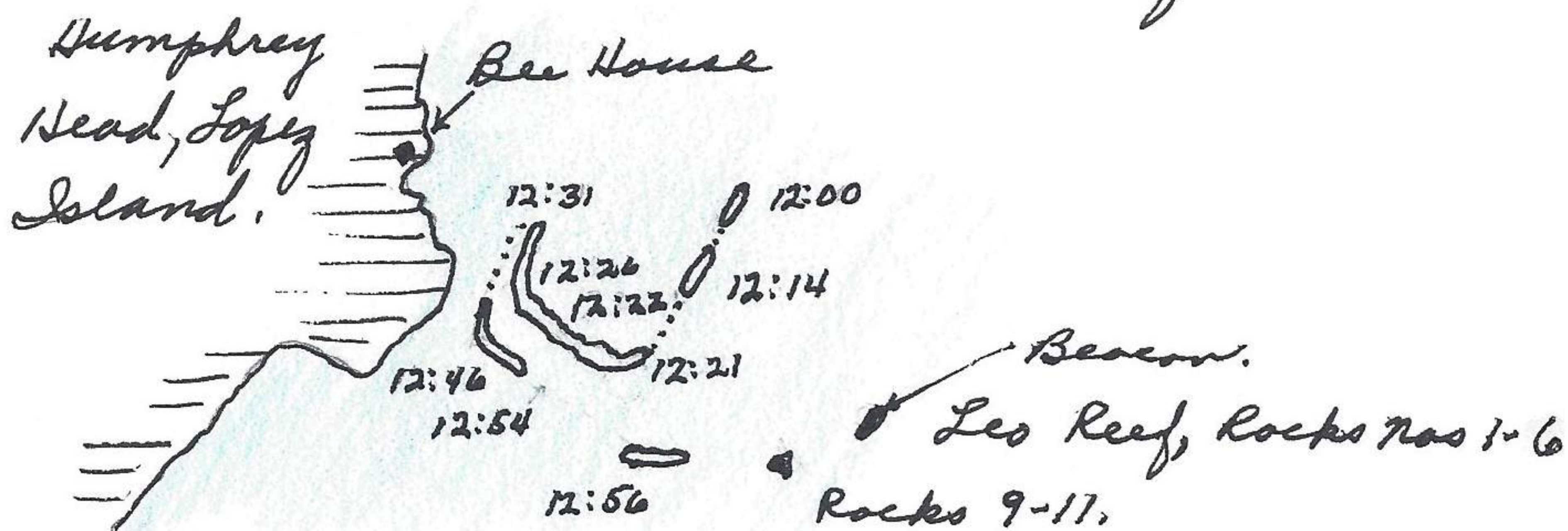


Bee Estate, Humphrey Head, Lopez Island, San Juan Co, Washington
 Feb. 18, 1990

Sunrise 7:35 A.M. just off top S Thatcher Peak. Day beautiful, no clouds, breeze. This is the second day of sunshine and no rain of a month that has been consistently rainy and cool.

11:00 A.M. 21 harbor seal on Leo Reef and first in last 4 or 5 days.



noted approx. 380 pelagic cormorant in a compact linear raft at 12:00 P.M. directly E of Bee House and NW of Leo Reef. They were moving SW but not diving.
 12:14 P.M. advancing ^{enpl of} raft in line of Bee House and Leo Reef light beacon.

12:17 P.M. rear end of raft now in line with Bee House and Leo Reef light beacon. The entire raft is equal to twice the length of Leo Reef, Rocks 1-6.

12:21 P.M. now the 1/3 of raft, advancing front, started to wheel to NW.

12:22 P.M. raft now .

12:25 P.M. Length of raft 5x length Leo Reef, Rocks 1-6.

12:26 P.M. Leading 1/3 of raft now starting to dive, remaining 2/3 not diving but follow the first 1/3, now developing into a long loosely formed raft.

12:31 P.M. front group now swinging SW to a point 250' SW Lichen Point.

12:46 P.M. all cormorants now collected into compact group arriving by swimming or short flight.

12:54 P.M. all diving now and trending SE. a boat displaced all cormorants and resettled at 12:56

12:56 reformed ^{compact} raft and moved SE.

There were 1 to 3 glaucous-winged gulls accompanied raft.

at 1:45 P.M. 18 harbor seal on Leo Reef. 3 adult bald eagles circled low ^{beyond} Lichen Point.