

(200)
NZZ ag
no. 1-10

~~RETURN TO REFERENCE DESK~~

U. S. Geological Survey.
Geological investigations,
Naval Petroleum Reserve No. 4
and adjacent areas, Alaska.

==

(200)
N22ag
no. 1-10

See Also:

USSS Prof. Papers 301-305

Questions about "lists" not on file here
(Denver Library) or requests for copies,
should be referred to the Technical
Data Unit, Alaskan Branch, USSS,
Menlo Park, attention Della Kennedy or

Ed Cobb. 2483
B-13-1979

4-1-68

Lillian Cummings (now retired) used to
handle these in Washington, D.C.

NOV 3 1968

3-14-1979

Mary Tailleux, Menlo Park 2342, is the best contact for information regarding these reports and their reproducibles and getting copies.

Florence Weber in the USSS Fairbanks office has all the reports, but no reproducibles.



DEPARTMENT OF THE INTERIOR

INFORMATION SERVICE

GEOLOGICAL SURVEY

For Release to PM's, MAY 10, 1954

GEOLOGIC REPORTS AND TECHNICAL DATA ON NORTHERN ALASKA MADE AVAILABLE FOR PUBLIC INSPECTION

Geologic reports and technical data relating to the exploration program in Naval Petroleum Reserve No. 4 and adjacent public lands in northern Alaska have been made available for public inspection through the cooperation of the Office of Naval Petroleum Reserves, Department of the Navy, and the Geological Survey, Secretary of the Interior Douglas McKay, announced today.

The Navy's oil exploration program in northern Alaska began in 1944 and continued until 1953. A series of reports presenting the results of the exploratory activities is now in preparation for publication. The reports will include the results of the extensive geologic investigations which were conducted mainly by the Geological Survey and will also include the results of drilling operations and geophysical surveys that were performed primarily by Arctic Contractors and United Geophysical Co., Inc., under contract to the Navy.

Although all the area in northern Alaska north of the Brooks Range drainage divide has been withdrawn from public entry by the establishment of NPR-4 and by Public Land Order 82, there is much current interest in the petroleum and natural gas possibilities of northern Alaska. Because of public interest in this region, and pending the publication of the comprehensive reports on the area, reports and maps prepared during the period from 1945 to 1953 for planning and operational purposes are being made available for public inspection. They provide an account of the growth of geologic knowledge concerning the area as the exploration progressed; they also reflect continued revision and reinterpretation of data as new information became available. Much of the information in earlier reports has thus become obsolete and has been superseded by material in later reports. The stratigraphic nomenclature, for example, will continue to be revised until the latest concepts and terminology can be presented in the reports now being prepared for publication.

The technical data now available for public inspection include geologic reports, photogeology maps (geologic maps compiled from aerial photographs) of a large part of northern Alaska, and reports on the Gubik gas field and the Umiat oil field. The geologic reports on the stratigraphy and structure of parts of NPR-4 and adjacent public lands cover a hitherto virtually unmapped area of approximately 50,000 square miles. Reports on special studies made in connection with the exploration program include paleontology, sedimentary petrology, petrography, core analysis, sedimentation, and photogeology. The photogeology maps were compiled at two scales. Twelve maps at a scale of 1:250,000 (one inch equals approximately 4 miles) were prepared. Each covers an area of about 3,350 square miles. Eighty-nine maps, each covering an area of about 450 square miles, were compiled at 1:96,000 scale (one inch equals approximately $1\frac{1}{2}$ miles). Nearly 100 anticlinal

structures have been delineated in northern Alaska and 18, including Umiat and Gubik, have been tested. Oil was discovered at Umiat and gas at Gubik. The data on the Gubik and Umiat fields now available for inspection include graphic and written logs for Gubik test wells Nos. 1 and 2 and Umiat test wells Nos. 8 and 11, structure contour maps of the Gubik and Umiat anticlines based on subsurface work, and analyses of natural gas from Gubik test well No. 1 and Umiat test well No. 8.

A list of material now available for public inspection can be obtained from the Director, Geological Survey, Washington 25, D. C., Director of Naval Petroleum Reserves, Department of the Navy, Washington 25, D. C., or Inspector, Naval Petroleum Reserve No. 4, 520 Illinois St., Fairbanks, Alaska. Reports and data now available for inspection may be studied in the offices of the Geological Survey, Washington, D. C., Room 2643, Interior Building, and in the office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.

x x x

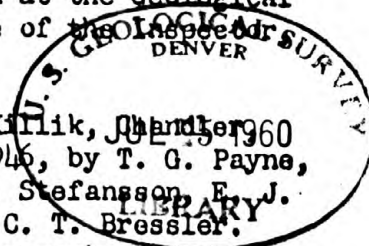
(200)
N22ag
no-1-10

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, WASHINGTON, D. C.

OPEN FILE REPORTS
GEOLOGICAL INVESTIGATIONS,
NAVAL PETROLEUM RESERVE NO. 4 AND
ADJACENT AREAS, ALASKA

LIST I REGULAR REPORTS

These reports are available for public inspection at the Geological Survey, Room 2643, Interior Building and at the office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.



- ✓ RR 1 Stratigraphy and structure of the area of the Killik, Umiat, Anaktuvuk, and Colville Rivers, Alaska, 1946, by T. G. Payne, L. A. Warner, C. E. Kirschner, G. Gryc, K. Stefansson, E. J. Webber, R. E. Fellows, R. M. Chapman, and C. T. Bressler. This report has been made obsolete by later work.
- ✓ RR 2 Magnetic survey of part of Naval Petroleum Reserve No. 4 by airborne magnetometer, 1946, by M. S. Walton, Jr., D. L. Rossman, M. E. Hill, and J. R. Balsley, Jr. *Fig. 4, north sheet looking*
- ✓ RR 3 Stratigraphy and structure of the Umiat anticline, 1947, by K. Stefansson and C. L. Whittington.
- ✓ RR 4 Stratigraphy and structure of the area of Maybe Creek, 1947, by R. G. Ray and W. A. Fischer.
- ✓ RR 5 Stratigraphy and structure of the area of the Kurupa, Oolamnagavik, Killik, and Colville Rivers, 1947, by R. M. Chapman and R. F. Thurrell, Jr.
- ✓ RR 6 Stratigraphy and structure of the area of the Meade and Kuk Rivers and Point Barrow, 1947, by E. J. Webber.
- ✓ RR 7 Progress report on taxonomic and stratigraphic study of macrofossils, 1947, by G. Gryc.
- ✓ RR 8 Progress of microfossil investigations, Naval Petroleum Reserve No. 4, Alaska (Revised), 1947, by H. N. Loeblich.
- ✓ RR 9 Reservoir characteristics indicated by thin section analyses of sand cores from Umiat Test No. 1, 1947, by P. D. Krynine.
- ✓ RR 10 Aeromagnetic survey of Naval Petroleum Reserve No. 4 and adjacent areas, 1947, by F. Keller, Jr. and J. R. Henderson, Jr. *Summary of aeromagnetic survey by Umiat samples on T-1, T-2, T-3, T-4, T-5, T-6, T-7, T-8, T-9, T-10, T-11, T-12, T-13, T-14, T-15, T-16, T-17, T-18, T-19, T-20, T-21, T-22, T-23, T-24, T-25, T-26, T-27, T-28, T-29, T-30, T-31, T-32, T-33, T-34, T-35, T-36, T-37, T-38, T-39, T-40, T-41, T-42, T-43, T-44, T-45, T-46, T-47, T-48, T-49, T-50, T-51, T-52, T-53, T-54, T-55, T-56, T-57, T-58, T-59, T-60, T-61, T-62, T-63, T-64, T-65, T-66, T-67, T-68, T-69, T-70, T-71, T-72, T-73, T-74, T-75, T-76, T-77, T-78, T-79, T-80, T-81, T-82, T-83, T-84, T-85, T-86, T-87, T-88, T-89, T-90, T-91, T-92, T-93, T-94, T-95, T-96, T-97, T-98, T-99, T-100, T-101, T-102, T-103, T-104, T-105, T-106, T-107, T-108, T-109, T-110, T-111, T-112, T-113, T-114, T-115, T-116, T-117, T-118, T-119, T-120, T-121, T-122, T-123, T-124, T-125, T-126, T-127, T-128, T-129, T-130, T-131, T-132, T-133, T-134, T-135, T-136, T-137, T-138, T-139, T-140, T-141, T-142, T-143, T-144, T-145, T-146, T-147, T-148, T-149, T-150, T-151, T-152, T-153, T-154, T-155, T-156, T-157, T-158, T-159, T-160, T-161, T-162, T-163, T-164, T-165, T-166, T-167, T-168, T-169, T-170, T-171, T-172, T-173, T-174, T-175, T-176, T-177, T-178, T-179, T-180, T-181, T-182, T-183, T-184, T-185, T-186, T-187, T-188, T-189, T-190, T-191, T-192, T-193, T-194, T-195, T-196, T-197, T-198, T-199, T-200, T-201, T-202, T-203, T-204, T-205, T-206, T-207, T-208, T-209, T-210, T-211, T-212, T-213, T-214, T-215, T-216, T-217, T-218, T-219, T-220, T-221, T-222, T-223, T-224, T-225, T-226, T-227, T-228, T-229, T-230, T-231, T-232, T-233, T-234, T-235, T-236, T-237, T-238, T-239, T-240, T-241, T-242, T-243, T-244, T-245, T-246, T-247, T-248, T-249, T-250, T-251, T-252, T-253, T-254, T-255, T-256, T-257, T-258, T-259, T-260, T-261, T-262, T-263, T-264, T-265, T-266, T-267, T-268, T-269, T-270, T-271, T-272, T-273, T-274, T-275, T-276, T-277, T-278, T-279, T-280, T-281, T-282, T-283, T-284, T-285, T-286, T-287, T-288, T-289, T-290, T-291, T-292, T-293, T-294, T-295, T-296, T-297, T-298, T-299, T-300, T-301, T-302, T-303, T-304, T-305, T-306, T-307, T-308, T-309, T-310, T-311, T-312, T-313, T-314, T-315, T-316, T-317, T-318, T-319, T-320, T-321, T-322, T-323, T-324, T-325, T-326, T-327, T-328, T-329, T-330, T-331, T-332, T-333, T-334, T-335, T-336, T-337, T-338, T-339, T-340, T-341, T-342, T-343, T-344, T-345, T-346, T-347, T-348, T-349, T-350, T-351, T-352, T-353, T-354, T-355, T-356, T-357, T-358, T-359, T-360, T-361, T-362, T-363, T-364, T-365, T-366, T-367, T-368, T-369, T-370, T-371, T-372, T-373, T-374, T-375, T-376, T-377, T-378, T-379, T-380, T-381, T-382, T-383, T-384, T-385, T-386, T-387, T-388, T-389, T-390, T-391, T-392, T-393, T-394, T-395, T-396, T-397, T-398, T-399, T-400, T-401, T-402, T-403, T-404, T-405, T-406, T-407, T-408, T-409, T-410, T-411, T-412, T-413, T-414, T-415, T-416, T-417, T-418, T-419, T-420, T-421, T-422, T-423, T-424, T-425, T-426, T-427, T-428, T-429, T-430, T-431, T-432, T-433, T-434, T-435, T-436, T-437, T-438, T-439, T-440, T-441, T-442, T-443, T-444, T-445, T-446, T-447, T-448, T-449, T-450, T-451, T-452, T-453, T-454, T-455, T-456, T-457, T-458, T-459, T-460, T-461, T-462, T-463, T-464, T-465, T-466, T-467, T-468, T-469, T-470, T-471, T-472, T-473, T-474, T-475, T-476, T-477, T-478, T-479, T-480, T-481, T-482, T-483, T-484, T-485, T-486, T-487, T-488, T-489, T-490, T-491, T-492, T-493, T-494, T-495, T-496, T-497, T-498, T-499, T-500, T-501, T-502, T-503, T-504, T-505, T-506, T-507, T-508, T-509, T-510, T-511, T-512, T-513, T-514, T-515, T-516, T-517, T-518, T-519, T-520, T-521, T-522, T-523, T-524, T-525, T-526, T-527, T-528, T-529, T-530, T-531, T-532, T-533, T-534, T-535, T-536, T-537, T-538, T-539, T-540, T-541, T-542, T-543, T-544, T-545, T-546, T-547, T-548, T-549, T-550, T-551, T-552, T-553, T-554, T-555, T-556, T-557, T-558, T-559, T-560, T-561, T-562, T-563, T-564, T-565, T-566, T-567, T-568, T-569, T-570, T-571, T-572, T-573, T-574, T-575, T-576, T-577, T-578, T-579, T-580, T-581, T-582, T-583, T-584, T-585, T-586, T-587, T-588, T-589, T-590, T-591, T-592, T-593, T-594, T-595, T-596, T-597, T-598, T-599, T-600, T-601, T-602, T-603, T-604, T-605, T-606, T-607, T-608, T-609, T-610, T-611, T-612, T-613, T-614, T-615, T-616, T-617, T-618, T-619, T-620, T-621, T-622, T-623, T-624, T-625, T-626, T-627, T-628, T-629, T-630, T-631, T-632, T-633, T-634, T-635, T-636, T-637, T-638, T-639, T-640, T-641, T-642, T-643, T-644, T-645, T-646, T-647, T-648, T-649, T-650, T-651, T-652, T-653, T-654, T-655, T-656, T-657, T-658, T-659, T-660, T-661, T-662, T-663, T-664, T-665, T-666, T-667, T-668, T-669, T-670, T-671, T-672, T-673, T-674, T-675, T-676, T-677, T-678, T-679, T-680, T-681, T-682, T-683, T-684, T-685, T-686, T-687, T-688, T-689, T-690, T-691, T-692, T-693, T-694, T-695, T-696, T-697, T-698, T-699, T-700, T-701, T-702, T-703, T-704, T-705, T-706, T-707, T-708, T-709, T-710, T-711, T-712, T-713, T-714, T-715, T-716, T-717, T-718, T-719, T-720, T-721, T-722, T-723, T-724, T-725, T-726, T-727, T-728, T-729, T-730, T-731, T-732, T-733, T-734, T-735, T-736, T-737, T-738, T-739, T-740, T-741, T-742, T-743, T-744, T-745, T-746, T-747, T-748, T-749, T-750, T-751, T-752, T-753, T-754, T-755, T-756, T-757, T-758, T-759, T-760, T-761, T-762, T-763, T-764, T-765, T-766, T-767, T-768, T-769, T-770, T-771, T-772, T-773, T-774, T-775, T-776, T-777, T-778, T-779, T-780, T-781, T-782, T-783, T-784, T-785, T-786, T-787, T-788, T-789, T-790, T-791, T-792, T-793, T-794, T-795, T-796, T-797, T-798, T-799, T-800, T-801, T-802, T-803, T-804, T-805, T-806, T-807, T-808, T-809, T-810, T-811, T-812, T-813, T-814, T-815, T-816, T-817, T-818, T-819, T-820, T-821, T-822, T-823, T-824, T-825, T-826, T-827, T-828, T-829, T-830, T-831, T-832, T-833, T-834, T-835, T-836, T-837, T-838, T-839, T-840, T-841, T-842, T-843, T-844, T-845, T-846, T-847, T-848, T-849, T-850, T-851, T-852, T-853, T-854, T-855, T-856, T-857, T-858, T-859, T-860, T-861, T-862, T-863, T-864, T-865, T-866, T-867, T-868, T-869, T-870, T-871, T-872, T-873, T-874, T-875, T-876, T-877, T-878, T-879, T-880, T-881, T-882, T-883, T-884, T-885, T-886, T-887, T-888, T-889, T-890, T-891, T-892, T-893, T-894, T-895, T-896, T-897, T-898, T-899, T-900, T-901, T-902, T-903, T-904, T-905, T-906, T-907, T-908, T-909, T-910, T-911, T-912, T-913, T-914, T-915, T-916, T-917, T-918, T-919, T-920, T-921, T-922, T-923, T-924, T-925, T-926, T-927, T-928, T-929, T-930, T-931, T-932, T-933, T-934, T-935, T-936, T-937, T-938, T-939, T-940, T-941, T-942, T-943, T-944, T-945, T-946, T-947, T-948, T-949, T-950, T-951, T-952, T-953, T-954, T-955, T-956, T-957, T-958, T-959, T-960, T-961, T-962, T-963, T-964, T-965, T-966, T-967, T-968, T-969, T-970, T-971, T-972, T-973, T-974, T-975, T-976, T-977, T-978, T-979, T-980, T-981, T-982, T-983, T-984, T-985, T-986, T-987, T-988, T-989, T-990, T-991, T-992, T-993, T-994, T-995, T-996, T-997, T-998, T-999, T-1000, T-1001, T-1002, T-1003, T-1004, T-1005, T-1006, T-1007, T-1008, T-1009, T-1010, T-1011, T-1012, T-1013, T-1014, T-1015, T-1016, T-1017, T-1018, T-1019, T-1020, T-1021, T-1022, T-1023, T-1024, T-1025, T-1026, T-1027, T-1028, T-1029, T-1030, T-1031, T-1032, T-1033, T-1034, T-1035, T-1036, T-1037, T-1038, T-1039, T-1040, T-1041, T-1042, T-1043, T-1044, T-1045, T-1046, T-1047, T-1048, T-1049, T-1050, T-1051, T-1052, T-1053, T-1054, T-1055, T-1056, T-1057, T-1058, T-1059, T-1060, T-1061, T-1062, T-1063, T-1064, T-1065, T-1066, T-1067, T-1068, T-1069, T-1070, T-1071, T-1072, T-1073, T-1074, T-1075, T-1076, T-1077, T-1078, T-1079, T-1080, T-1081, T-1082, T-1083, T-1084, T-1085, T-1086, T-1087, T-1088, T-1089, T-1090, T-1091, T-1092, T-1093, T-1094, T-1095, T-1096, T-1097, T-1098, T-1099, T-1100, T-1101, T-1102, T-1103, T-1104, T-1105, T-1106, T-1107, T-1108, T-1109, T-1110, T-1111, T-1112, T-1113, T-1114, T-1115, T-1116, T-1117, T-1118, T-1119, T-1120, T-1121, T-1122, T-1123, T-1124, T-1125, T-1126, T-1127, T-1128, T-1129, T-1130, T-1131, T-1132, T-1133, T-1134, T-1135, T-1136, T-1137, T-1138, T-1139, T-1140, T-1141, T-1142, T-1143, T-1144, T-1145, T-1146, T-1147, T-1148, T-1149, T-1150, T-1151, T-1152, T-1153, T-1154, T-1155, T-1156, T-1157, T-1158, T-1159, T-1160, T-1161, T-1162, T-1163, T-1164, T-1165, T-1166, T-1167, T-1168, T-1169, T-1170, T-1171, T-1172, T-1173, T-1174, T-1175, T-1176, T-1177, T-1178, T-1179, T-1180, T-1181, T-1182, T-1183, T-1184, T-1185, T-1186, T-1187, T-1188, T-1189, T-1190, T-1191, T-1192, T-1193, T-1194, T-1195, T-1196, T-1197, T-1198, T-1199, T-1200, T-1201, T-1202, T-1203, T-1204, T-1205, T-1206, T-1207, T-1208, T-1209, T-1210, T-1211, T-1212, T-1213, T-1214, T-1215, T-1216, T-1217, T-1218, T-1219, T-1220, T-1221, T-1222, T-1223, T-1224, T-1225, T-1226, T-1227, T-1228, T-1229, T-1230, T-1231, T-1232, T-1233, T-1234, T-1235, T-1236, T-1237, T-1238, T-1239, T-1240, T-1241, T-1242, T-1243, T-1244, T-1245, T-1246, T-1247, T-1248, T-1249, T-1250, T-1251, T-1252, T-1253, T-1254, T-1255, T-1256, T-1257, T-1258, T-1259, T-1260, T-1261, T-1262, T-1263, T-1264, T-1265, T-1266, T-1267, T-1268, T-1269, T-1270, T-1271, T-1272, T-1273, T-1274, T-1275, T-1276, T-1277, T-1278, T-1279, T-1280, T-1281, T-1282, T-1283, T-1284, T-1285, T-1286, T-1287, T-1288, T-1289, T-1290, T-1291, T-1292, T-1293, T-1294, T-1295, T-1296, T-1297, T-1298, T-1299, T-1300, T-1301, T-1302, T-1303, T-1304, T-1305, T-1306, T-1307, T-1308, T-1309, T-1310, T-1311, T-1312, T-1313, T-1314, T-1315, T-1316, T-1317, T-1318, T-1319, T-1320, T-1321, T-1322, T-1323, T-1324, T-1325, T-1326, T-1327, T-1328, T-1329, T-1330, T-1331, T-1332, T-1333, T-1334, T-1335, T-1336, T-1337, T-1338, T-1339, T-1340, T-1341, T-1342, T-1343, T-1344, T-1345, T-1346, T-1347, T-1348, T-1349, T-1350, T-1351, T-1352, T-1353, T-1354, T-1355, T-1356, T-1357, T-1358, T-1359, T-1360, T-1361, T-1362, T-1363, T-1364, T-1365, T-1366, T-1367, T-1368, T-1369, T-1370, T-1371, T-1372, T-1373, T-1374, T-1375, T-1376, T-1377, T-1378, T-1379, T-1380, T-1381, T-1382, T-1383, T-1384, T-1385, T-1386, T-1387, T-1388, T-1389, T-1390, T-1391, T-1392, T-1393, T-1394, T-1395, T-1396, T-1397, T-1398, T-1399, T-1400, T-1401, T-1402, T-1403, T-1404, T-1405, T-1406, T-1407, T-1408, T-1409, T-1410, T-1411, T-1412, T-1413, T-1414, T-1415, T-1416, T-1417, T-1418, T-1419, T-1420, T-1421, T-1422, T-1423, T-1424, T-1425, T-1426, T-1427, T-1428, T-1429, T-1430, T-1431, T-1432, T-1433, T-1434, T-1435, T-1436, T-1437, T-1438, T-1439, T-1440, T-1441, T-1442, T-1443, T-1444, T-1445, T-1446, T-1447, T-1448, T-1449, T-1450, T-1451, T-1452, T-1453, T-1454, T-1455, T-1456, T-1457, T-1458, T-1459, T-1460, T-1461, T-1462, T-1463, T-1464, T-1465, T-1466, T-1467, T-1468, T-1469, T-1470, T-1471, T-1472, T-1473, T-1474, T-1475, T-1476, T-1477, T-1478, T-1479, T-1480, T-1481, T-1482, T-1483, T-1484, T-1485, T-1486, T-1487, T-1488, T-1489, T-1490, T-1491, T-1492, T-1493, T-1494, T-1495, T-1496, T-1497, T-1498, T-1499, T-1500, T-1501, T-1502, T-1503, T-1504, T-1505, T-1506, T-1507, T-1508, T-1509, T-1510, T-1511, T-1512, T-1513, T-1514, T-1515, T-1516, T-1517, T-1518, T-1519, T-1520, T-1521, T-1522, T-1523, T-1524, T-1525, T-1526, T-1527, T-1528, T-1529, T-1530, T-1531, T-1532, T-1533, T-1534, T-1535, T-1536, T-1537, T-1538, T-1539, T-1540, T-1541, T-1542, T-1543, T-1544, T-1545, T-1546, T-1547, T-1548, T-1549, T-1550, T-1551, T-1552, T-1553, T-1554, T-1555, T-1556, T-1557, T-1558, T-1559, T-1560, T-1561, T-1562, T-1563, T-1564, T-1565, T-1566, T-1567, T-1568, T-1569, T-1570, T-1571, T-1572, T-1573, T-1574, T-1575, T-1576, T-1577, T-1578, T-1579, T-1580, T-1581, T-1582, T-1583, T-1584, T-1585, T-1586, T-1587, T-1588, T-1589, T-1590, T-1591, T-1592, T-1593, T-1594, T-1595, T-1596, T-1597, T-1598, T-1599, T-1600, T-1601, T-1602, T-1603, T-1604, T-1605, T-1606, T-1607, T-1608, T-1609, T-1610, T-1611, T-1612, T-1613, T-1614, T-1615, T-1616, T-1617, T-1618, T-1619, T-1620, T-1621, T-1622, T-1623, T-1624, T-1625, T-1626, T-1627, T-1628, T-1629, T-1630, T-1631, T-1632, T-1633, T-1634, T-1635, T-1636, T-1637, T-1638, T-1639, T-1640, T-1641, T-1642, T-1643, T-1644, T-1645, T-1646, T-1647, T-1648, T-1649, T-1650, T-1651, T-1652, T-1653, T-1654, T-1655, T-1656, T-1657, T-1658, T-1659, T-1660, T-1661, T-1662, T-1663, T-1664, T-1665, T-1666, T-1667, T-1668, T-1669, T-1670, T-1671, T-1672, T-1673, T-1674, T-1675, T-1676, T-1677, T-1678, T-1679, T-1680, T-1681, T-1682, T-1683, T-1684, T-1685, T-1686, T-1687, T-1688, T-1689, T-1690, T-1691, T-1692, T-1693, T-1694, T-1695, T-1696, T-1697, T-1698, T-1699, T-1700, T-1701, T-1702, T-1703, T-1704, T-1705, T-1706, T-1707, T-1708, T-1709, T-1710, T-1711, T-1712, T-1713, T-1714, T-1715, T-1716, T-1717, T-1718, T-1719, T-1720, T-1721, T-1722, T-1723, T-1724, T-1725, T-1726, T-1727, T-1728, T-1729, T-1730, T-1731, T-1732, T-1733, T-1734, T-1735, T-1736, T-1737, T-1738, T-1739, T-1740, T-1741, T-1742, T-1743, T-1744, T-1745, T-1746, T-1747, T-1748, T-1749, T-1750, T-1751, T-1752, T-1753, T-1754, T-1755, T-1756, T-1757, T-1758, T-1759, T-1760, T-1761, T-1762, T-1763, T-1764, T-1765, T-1766, T-1767, T-1768, T-1769, T-1770, T-1771, T-1772, T-1773, T-1774, T-1775, T-1776, T-1777, T-1778, T-1779, T-1780, T-1781, T-1782, T-1783, T*

- ✓ RR 13 Stratigraphy and structure of the Wolf Creek anticline, Alaska, 1948, by K. Stefansson and R. F. Thurrell, Jr., and J. H. *Sumner*.
- ✓ RR 14 Stratigraphy and structure of the area of the Iqnavik River, Alaska, 1948, by K. Stefansson.
- ✓ RR 15 Stratigraphy and structure of the area of the Colville River between Ninuluk Creek and Umiat Mountain, Alaska, 1948, by R. L. Detterman, E. J. Webber, and D. E. Mathewson.
- ✓ RR 16 Stratigraphy and structure of the area of the Titaluk River and upper part of Ikpikpuq River, Alaska, 1948, by E. J. Webber.
- ✓ RR 17 Stratigraphy and structure of the area of the Kigalik and Awuna Rivers, Alaska, 1948, by C. L. Whittington and M. L. Troyer.
- 1001* RR 18 Stratigraphy and structure of the area of the Utukok River with notes on the Corwin-Cape Beaufort region, Alaska, 1948, by R. M. Thompson and W. L. Barksdale.
- ✓ RR 19 Petrographic study of some Lisburne limestone samples, 1948, by G. Gryc.
- ✓ RR 20 Petrography and reservoir characteristics of selected Tertiary and Cretaceous sandstone cores from Naval Petroleum Reserve No. 4, 1948, by P. D. Krynine. *Naval Petroleum Reserve No. 4, 3 tables, figs. 1-5*
- ✓ RR 21 Progress report of microfossil investigations, Naval Petroleum Reserve No. 4, 1948, by H. N. Loeblich.
- ✓ RR 22 Geological results of test pit operations at Cape Simpson, Alaska, 1948, by W. W. Patton, Jr.
- ✓ RR 23 Correlation of geophysical and geological data from Naval Petroleum Reserve No. 4, 1948, by S. W. Dana.
- ✓ RR 24 Areal evaluation of petroleum possibilities of major stratigraphic units in northern Alaska, 1948, by T. G. Payne.
- ✓ RR 25 Evaluation of anticlinal structures as related to petroleum exploration in northern Alaska, 1948, by G. O. Gates.
- ✓ RR 26 Summary of microfossil investigations, April 1948 to April 1949, with special reference to the Barrow and Simpson areas, 1949, by H. N. Loeblich.
- ✓ RR 27 Ostracoda from well, shot hole, and outcrop samples in Naval Petroleum Reserve No. 4, 1949, by F. M. Swain.
- ✓ RR 28 Stratigraphy and structure of the area of the Avalik and Ketik Rivers, Alaska, 1949, by K. Stefansson and M. D. Mangus.
- ✓ RR 29 Heavy mineral zonation of Cretaceous and Tertiary rocks of the central area of northern Alaska, 1949, by E. H. Lathram.

- ✓ RR 30 Interpretations from aerial photographs of geologic structures of the central Colville River area, Alaska, 1949, by W. A. Fischer.
- ✓ RR 31 Petrology and reservoir properties of South Barrow Test Wells No. 1 and No. 2, 1949, by P. D. Krynine.
- ✓ RR 32 Stratigraphy and structure of the Titaluk anticline in the vicinity of Maybe Creek, Alaska, 1950, by W. P. Brosge and A. N. Kover.
- ✓ RR 33 Stratigraphy and structure of the Kokolik and Kukpowruk Rivers area, Alaska, 1950, by R. M. Chapman and E. G. Sable.
- ✓ RR 34 Stratigraphy and structure of the Okpikruak and Kiruktagiak Rivers area, Alaska, 1950, by W. W. Patton, Jr., and I. L. Tailleux.
- ✓ RR 35 Stratigraphy and structure of the Etivluk and Kuna Rivers area, Alaska, 1950, by M. D. Mangus, R. L. Detterman, M. C. Lachenbruch, Jr., and A. H. Lachenbruch.
- ✓ RR 36 Stratigraphy and structure of the area of the Upper Meade River, Alaska, 1950, by C. L. Whittington and A. S. Keller.
- ✓ RR 37 Review of the stratigraphy and structure of the Gubik anticline, 1950, by William A. Fischer and Allan N. Kover.
- ✓ RR 38 The stratigraphy and structure of the Aupuk anticline, 1950, by G. Donald Eberlein, Robert M. Chapman, and Charles D. Reynolds.
- ✓ RR 39 Stratigraphy and structure of the western Noatak District, Alaska, 1951, by J. T. Dutro, Jr., M. C. Lachenbruch, and A. H. Lachenbruch.
- ✓ RR 40 Selected sections of Lisburne limestone, Brooks Range, Alaska, 1951, by W. P. Brosge and H. N. Reiser. *with upper A.*
- ✓ RR 41 Stratigraphy and structure of upper Oolamnagavik, Kurupa, and Etivluk Rivers area, Alaska, 1951, by R. M. Chapman, and G. D. Eberlein.
- ✓ RR 42 Stratigraphy and structure of the upper Siksikpuk-Nanushuk Rivers area, Alaska, 1951, by W. W. Patton, Jr. and A. S. Keller.
- ✓ RR 43 Stratigraphy and structure of the Southern Foothills section between the Etivluk and Kiligwa Rivers, Alaska, 1951, by I. L. Tailleux and B. H. Kent.
- ✓ RR 44 Stratigraphy and structure of Driftwood anticline, 1951, by E. G. Sable and M. D. Mangus.
- ✓ RR 45 Stratigraphy and structure of the upper Utukok-Kokolik Rivers area, Alaska, 1951, by E. G. Sable and M. D. Mangus.
- ✓ RR 46 Stratigraphy and structure of part of the Carbon Creek and Ketik anticlines, Alaska, 1951, by C. L. Whittington and J. M. Stevens.

(200)
N22090

LIST II SPECIAL REPORTS 1948-

- ✓ SR 1 Stratigraphy and paleontology in the Simpson area, November 1948, by Helen J. Plummer, with comments on Mrs. Plummer's report on micropaleontology of the Simpson area, by Helen N. Loeblich.
- ✓ SR 2 Core analysis on core samples from South Barrow Test Well No. 1, November 1948, by The Pennsylvania State College laboratory, with comments on variations in porosity and permeability determinations in cores from South Barrow Test Well No. 1, by Ernest H. Lathram.
- ✓ SR 3 Report on three specimens from South Barrow Test Well No. 1 with unusual permeability behavior, January 1949, by Paul D. Krynine.
- ✓ SR 4 Calculated gravity anomaly produced by possible fault under Line 27-48, February 1949, by Stephen W. Dana.
- ✓ SR 5 Possible seismic evidence for the base of the Tertiary in the eastern part of Naval Petroleum Reserve No. 4, April 1949, by Stephen W. Dana.
- ✓ SR 6 Core analysis on core samples from South Barrow Test Well No. 2, April 1949, by the Pennsylvania State College laboratory.
- ✓ SR 7 Analysis of sand formation in a deformed geosyncline with special reference to northern Alaska, April 1949, by Paul D. Krynine.
- ✓ SR 8 Discussion of the correlation of the South Barrow Test Wells, April 1949, by Ernest H. Lathram and A. S. Keller.
- ✓ SR 9 The Driftwood anticline, November 1949, by William A. Fischer.
- ✓ SR 10 The Carbon Creek and Awuna anticlines, November 1949, by William A. Fischer.
- ✓ SR 11 Progress report on microfossil studies in Washington, November 1949, by Helen N. Loeblich. (See "Northern Alaskan Index Fossils" by Helen Tappan, Cushman Foundation for Foraminiferal Research, Vol. II, part 1, March 1951, pp. 1-8.)
- ✓ SR 12 Paleontologic correlations in northern part of Naval Petroleum Reserve No. 4, November 1949, by Harlan R. Bergquist.
- ✓ SR 13 Suggested correlation in Simpson Seeps Region, November 1949, by Florence Robinson and Thomas G. Roberts.
- ✓ SR 14 Sedimentation analysis of recent drilling developments and geologic field work, November 1949, by Thomas G. Payne.

- ✓ SR 15 An interpretation of the subsurface stratigraphy of Naval Petroleum Reserve No. 4, January 1950, by Thomas G. Payne, in collaboration with W. H. Myers and H. R. Bergquist.
- ✓ SR 16 Petroleum possibilities of the Umiat area, February 1950, by A. S. Keller.
- ✓ SR 17 Porosity and petrography of Lisburne limestone samples from the Kanayut, Nanushuk, and Itkillik Lakes areas, by P. D. Krynine, R. L. Folk, and M. A. Rosenfeld with discussion of the distribution of porous zones in Lisburne limestone by Arthur L. Bowsher, Sr., April 1950.
- ✓ SR 18 Recent stratigraphic revisions in Naval Petroleum Reserve No. 4 and correlations with the Canadian Cretaceous based on Foraminifera, April 1950, by Helen N. Loeblich.
- ✓ SR 19 Core analysis of selected samples from 1949 wells in Naval Petroleum Reserve No. 4, April 1950, by S. T. Yuster.
- ✓ SR 20 Present Cretaceous stratigraphic nomenclature of northern Alaska, November 1950, by T. G. Payne, G. Gryc, and W. W. Patton, Jr. This report was published in the Journal of the Washington Academy of Science, Vol. 41, No. 5, May 15, 1951.
- ✓ SR 21 Photogeologic mapping in northern Alaska, November 1950, by William A. Fischer.
- ✓ SR 22 Petrology of the Lisburne limestone, November 1950, by Paul D. Krynine and R. L. Folk.
- ✓ SR 23 Summary of porosity and permeability data, November 1950, by A. N. Kover.
- ✓ SR 24 Heavy mineral analysis of the Barrow, Cape Simpson, and Umiat areas, November 1950, by Robert H. Morris.
- ✓ SR 25 The subsurface stratigraphy and structure of the Simpson area, November 1950, by Thomas G. Roberts and Florence Robinson.
- ✓ SR 26 Summary of paleontology of wells drilled since April 1949, November 1950, by Harlan R. Bergquist.
- ✓ SR 27 Review and photogeologic evaluation of some selected anticlines in the Maybe Creek area, November 1950, by William A. Fischer.
- ✓ SR 28 Revision of the facies patterns of NPR-4 and adjoining areas, November 1950, by T. G. Payne.

- ✓ SR 29 Recent developments in paleontological studies, November 1951,
by Harlan R. Bergquist.
- ✓ SR 30 Review and photogeologic evaluation of selected anticlines, May
1951, by W. A. Fischer.
- ✓ SR 31 Heavy mineral studies of northern Alaska, April 1952, by Robert
H. Morris.
- ✓ SR 32 Progress report on photogeologic structure studies in the
Chandler River area, Alaska, April 1952, by William P.
Brosge and Hillard N. Reiser.
- SR 33 Not completed.
- ✓ SR 34 Petrography and reservoir characteristics of Umiat Test Well 9,
November 1952, by Paul D. Krynine and John C. Ferm.
- SR 35 Not completed.
- ✓ SR 36 A new interpretation of the Driftwood anticline, November 1952,
by Edward G. Sable.
- ✓ SR 37 Shaling studies in the western part of NPR-4 and adjoining areas,
November 1952, by Edward G. Sable.
- ✓ SR 38 Possible formation of reservoirs in Naval Petroleum Reserve No. 4,
by vertical tectonic movements, November 1952, by Paul D.
Krynine.
- ✓ SR 39 Micropaleontological studies in 1952, November 1952, by Harlan
R. Bergquist.
- ✓ SR 40 Progress report on the Kiligwa anticlinorium, January 1953, by
Irvin L. Tailleux and Bion H. Kent.
- SR 41 Not completed.
- ✓ SR 42 Structure of the Discovery anticline, May 1953, by Charles H.
Marshall and Annabel B. Rosendale.
- ✓ SR 43 Regional interpretation of the geology of the Kongakut-Firth
Rivers area, Alaska, May 1953, by Marvin D. Mangus.

(200)
N22agp

1946

o.1-21
contents, these figures and
illustrations are in a collation
statement.
22-43- checked for maps &
illus.

LIST III PRELIMINARY REPORTS

- ✓ PR 1 Preliminary report on the stratigraphy and structure of the Kurupa, Colville, and Oolamnagavik Rivers, Alaska, 1946, by Robert M. Chapman and Robert F. Thurrell, Jr. (Superseded by Report 5, see List I) *text, 2 fig.*
- ✓ PR 2 Preliminary report on the geology of the Sagavanirktok River area, 1946, by George Gryc and Ernest H. Lathram. *text*
- ✓ PR 3 Reconnaissance survey of the Lower Kuparuk River area, 1946, by George Gryc. *text*
- ✓ PR 4 Stratigraphy and structure of the area south of the Colville River between the mouths of Ninuluk and Prince Creeks, 1946, by George Gryc and Ernest H. Lathram. *text, 1 fig.*
- ✓ PR 5 Preliminary report on geologic investigations in the Maybe Creek area, Alaska, 1946, by Richard G. Ray and William A. Fischer. (Superseded by Report 4, see List I) *text, 3 fig.*
- ✓ PR 6 Preliminary report on stratigraphy and structure of the Umiat anticline, 1946, by Karl Stefansson and Charles L. Whittington. (Superseded by Report 3, see List I) *text, 5 fig. (unnumbered)*
- ✓ PR 7 Preliminary report on the stratigraphy and structure of the area of the Topagoruk, Meade, and Kuk Rivers and Point Barrow, Alaska, 1946, by Edward J. Webber. (Superseded by Report 6, see List I) *text, 5 pl., 1 fig.*
- ✓ PR 8 Significance and preliminary results of heavy mineral studies in northern Alaska, 1946, by Robert E. Fellows. *text*
- ✓ PR 9 Preliminary report on the stratigraphy and structure of the area of the Namushuk River, Alaska, October 1947, by Edward J. Webber and Robert L. Detterman. *text, 2 fig.*
- ✓ PR 10 Preliminary report on the stratigraphy and structure of the area of the Shaviovik and Canning Rivers, Alaska, October 1947, by George Gryc and Marvin D. Mangus. *text, 1 fig.*
- ✓ PR 11 Preliminary report on the stratigraphy and structure of the area of Kigalik and Awuna Rivers, Alaska, October 1947, by Charles L. Whittington and Max L. Troyer. (Superseded by Report 17, see List I) *text, 3 fig.*
- ✓ PR 12 Preliminary report on the stratigraphy and structure of the area of the Colville River between Ninuluk and Prince Creeks, Alaska, October 1947, by Robert L. Detterman and Donald E. Mathewson. (Superseded by Report 15, see List I) *text, 2 fig.*

- ✓ PR 13 Preliminary report on the stratigraphy and structure of the area of the Colville River north of Umiat, Alaska, October 1947, by Karl Stefansson, Robert F. Thurrell, Jr., and James H. Zumberge. (Superseded by Report 12, see List I)
text, 2 figs.
- ✓ PR 14 Preliminary report on the stratigraphy and structure of the Wolf Creek anticline, Alaska, October 1947, by Karl Stefansson, Robert F. Thurrell, Jr., and James H. Zumberge. (Superseded by Report 13, see List I)
text, 1 fig.
- ✓ PR 15 Preliminary report on the stratigraphy and structure of the area of the Colville River from Iknavik to Kurupa Rivers, Alaska, October 1947, by Robert F. Thurrell, Jr. *2 figs.*
- ✓ PR 16 Preliminary report on the stratigraphy and structure of the area of the Iknavik River, Alaska, October 1947, by Karl Stefansson. (Superseded by Report 14, see List I) *Text, 1 fig.*
- ✓ PR 17 Preliminary report on the stratigraphy and structure of the area of the Utukok River with notes on the Corwin-Cape Beaufort region, Alaska, October 1947, by Raymond M. Thompson and William L. Barksdale. (Superseded by Report 18, see List I)
Text, 3 figs. (unnumbered)
- ✓ PR 18 Preliminary report on the stratigraphy and structure of the area of the Titaluk and Upper Ikpiupuk Rivers, Alaska, October 1947, by Edward J. Webber. (Superseded by Report 16, see List I)
text, 1 fig.
- ✓ PR 19 Revision of report by Robert E. Fellows on significance and preliminary results of heavy mineral studies in northern Alaska, November 1946, by Ernest H. Lathram, 1948.
Text
- ✓ PR 20 Preliminary geologic report of Sadlerochit River area, November 1948, by Charles L. Whittington and Edward G. Sable. *1 fig.*
Text,
- ✓ PR 21 Progress report on microfossil investigations, November 1948, by Helen N. Loeblich. *3 figs: chart 3A, 8, 9 of Report 21*
Text,
- ✓ PR 22 Preliminary report on the stratigraphy and structure of the Titaluk anticline in the vicinity of Maybe Creek, Alaska, November 1949, by William P. Brosge and Allan N. Kover. (Superseded by Report 32, see List I)
- ✓ PR 23 Preliminary reports on the Carbon Creek anticline and on the upper Meade River, Alaska, November 1949, by Charles L. Whittington and A. Samuel Keller. (Superseded by Report 36, see List I)

- ✓ PR 24 Preliminary report on the Mississippian rocks of the Kanayut, Nanushuk, and Ikillik Lakes area, Alaska, November 1949, by Arthur L. Bowsher and J. Thomas Dutro, Jr.
- ✓ PR 25 Preliminary report on the stratigraphy and structure of the Okpikruak and Kiruktagiak Rivers area, Alaska, November 1949, by William W. Patton, Jr., and Irvin L. Tailleux. (Superseded by Report 34, see List I)
- ✓ PR 26 Preliminary report on the stratigraphy and structure of the Etivluk, Nigu, and Kuna Rivers area, Alaska, November 1949, by Marvin D. Mangus, Robert L. Detterman, Arthur H. Lachenbruch, and Milton C. Lachenbruch. (Superseded by Report 35, see List I)
- ✓ PR 27 Preliminary report on the stratigraphy and structure of the Kukpowruk and Kokolik Rivers area, Alaska, November 1949, by Robert M. Chapman and Edward G. Sable. (Superseded by Report 33, see List I)
- ✓ PR 28 Preliminary report on the stratigraphy and structure of the Driftwood anticline, November 1950, by Edward G. Sable and Marvin D. Mangus. (Superseded by Report 44, see List I)
- ✓ PR 29 Preliminary report on the stratigraphy and structure of the upper Utukok and Kokolik Rivers area, November 1950, by Edward G. Sable and Marvin D. Mangus. (Superseded by Report 45, see List I)
- ✓ PR 30 Preliminary report on the stratigraphy and structure of the upper Nanushuk-Siksikpuk Rivers area, November 1950, by William W. Patton Jr., and A. Samuel Keller. (Superseded by Report 42, see List I)
order of names Title-page: Siksikpuk - Nanushuk Rivers area.
- ✓ PR 31 Preliminary report on selected sections of Lisburne limestone, *Brooks Range* Alaska, November 1950, by William P. Brosge and Hillard N. Reiser. (Superseded by Report 40, see List I)
- ✓ PR 32 Preliminary report on the stratigraphy and structure of the upper Oolamnagavik, Kurupa, and Etivluk Rivers area, November 1950, by Robert M. Chapman, G. Donald Eberlein, and Charles D. Reynolds. (Superseded by Report 41, see List I)
- ✓ PR 33 Preliminary report on the stratigraphy and structure of part of the Carbon Creek and Ketik anticlines, November 1950, by Charles L. Whittington and John M. Stevens. (Superseded by Report 46, see List I)

- ✓ PR 34 Preliminary report on the stratigraphy and structure of the upper Etivluk-Kuna Rivers area, November 1950, by Irvin L. TAILLEUR and Bion H. Kent. (Superseded by Report 43, see List I)
- ✓ PR 35 Preliminary report on the stratigraphy and structure of the Nimiuktuk, Kugururok, and part of the Noatak Rivers area, November 1950, by J. Thomas DUTRO and Milton C. LACHENBRUCH. (Superseded by Report 39, see List I)
- ✓ PR 36 Preliminary report on the stratigraphy and structure of the Shaviovik and Upper Sagavanirktok Rivers area, Alaska, November 1951, by A. Samuel KELLER and Robert L. DETTERMAN.
- ✓ PR 37 Preliminary report on the stratigraphy and structure of the Kiligwa River area, Alaska, November 1951, by Irvin L. TAILLEUR, Bion H. Kent, and Hillard N. REISER.
- ✓ PR 38 Preliminary report on the geology of the Okokmilaga and John Rivers area, Alaska, November 1951, by William W. PATTON, Jr., William P. BROSGE, and Marvin D. MANGUS.
- ✓ PR 39 Preliminary report on the stratigraphy and structure of the Driftwood-Noluk area, Alaska, November 1951, by Edward G. SABLE, J. Thomas DUTRO, Jr., and Robert H. MORRIS.
- ✓ PR 40 Preliminary report on the stratigraphy and structure of the Canning and Shaviovik Rivers area, Alaska, November 1952, by A. Samuel KELLER and Robert H. MORRIS. *including suppl. p. 2 last page with pl. 6*
- ✓ PR 41 Preliminary report on the stratigraphy and structure of the Grandstand and Hawk anticlines and vicinity, November 1952, by Robert L. DETTERMAN and Robert S. BICKEL.
- ✓ PR 42 Preliminary report on the stratigraphy and structure of some selected localities in the Eastern Brooks Range, Alaska, November 1952, by William P. BROSGE, J. Thomas DUTRO, Jr., Marvin D. MANGUS, and Hillard N. REISER.
- ✓ PR 43 Stratigraphy and structure of part of Big Bend anticline, Alaska, March 1953, by Robert L. DETTERMAN and Robert S. BICKEL.

LIST IV WELL DATA *List IV*

WD8 Gubik Test Well No. 1: Graphic and written logs

WD9 Gubik Test Well No. 2: Graphic and written logs

Structure contour map of the Gubik anticline based on seismograph data

WL60 Umiat Test Well No. 8: Graphic and written logs

WL63 Umiat Test Well No. 11: Graphic and written logs

Umiat test wells, subsurface structure

Distillation analyses of natural gas for Gubik Test Well No. 1 and
Umiat Test Well No. 8.

LIST V PRELIMINARY PHOTOGEOLOGY MAPS

Quadrangles at 1:96,000 scale, compiled 1949 to 1952

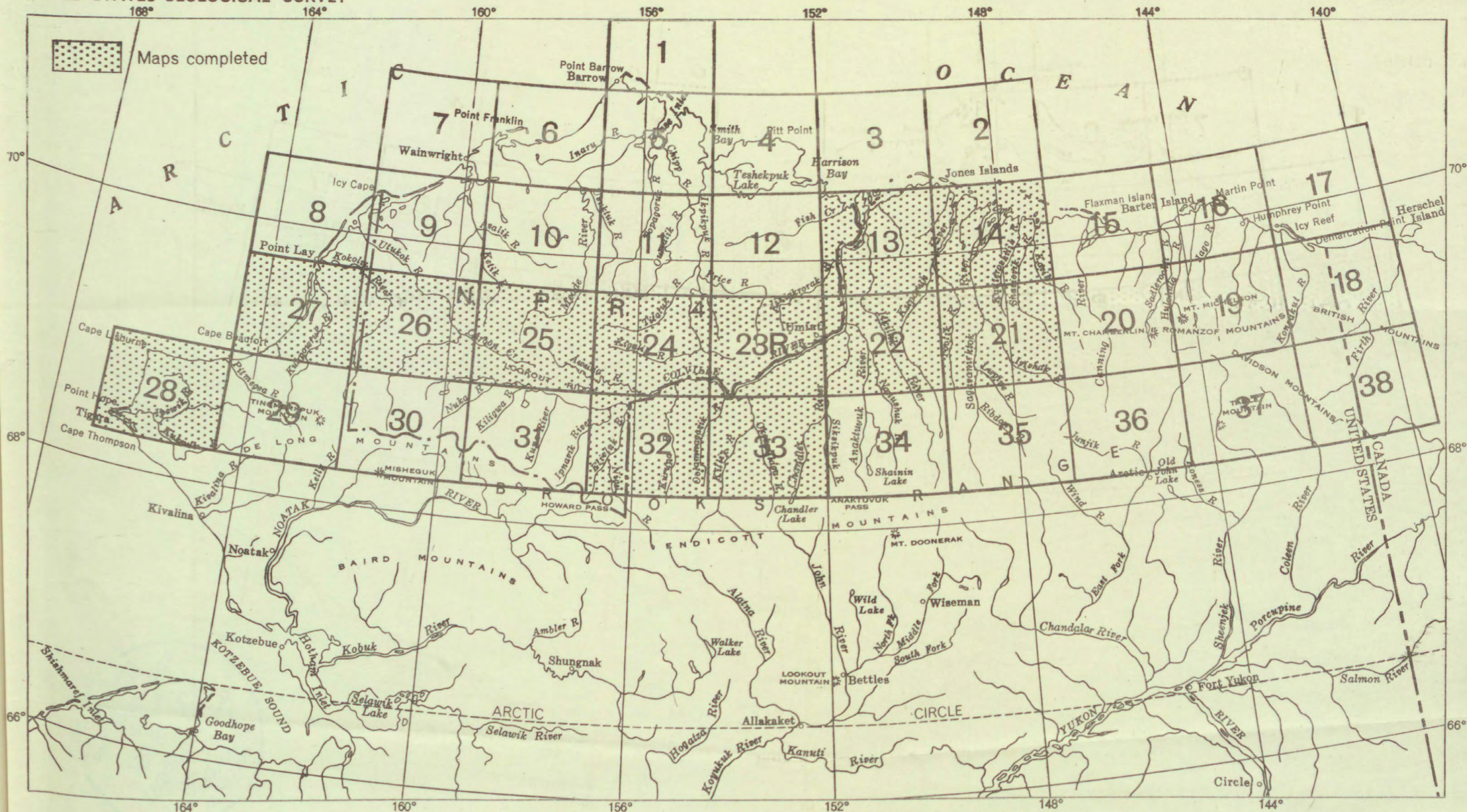
F: 9 to 11
G: 6 to 11
H: 6 to 23
I: 6 to 23
J: 7 to 23
K: 7 to 20, 21R, 22 to 26
L: 8 to 19, 24 to 26
M: 9, 12 to 17

Quadrangles at 1:250,000 scale, compiled 1950 to 1952

13, 14, 21, 22, 23R, 24 to 28, 32, 33

See attached index maps

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

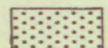


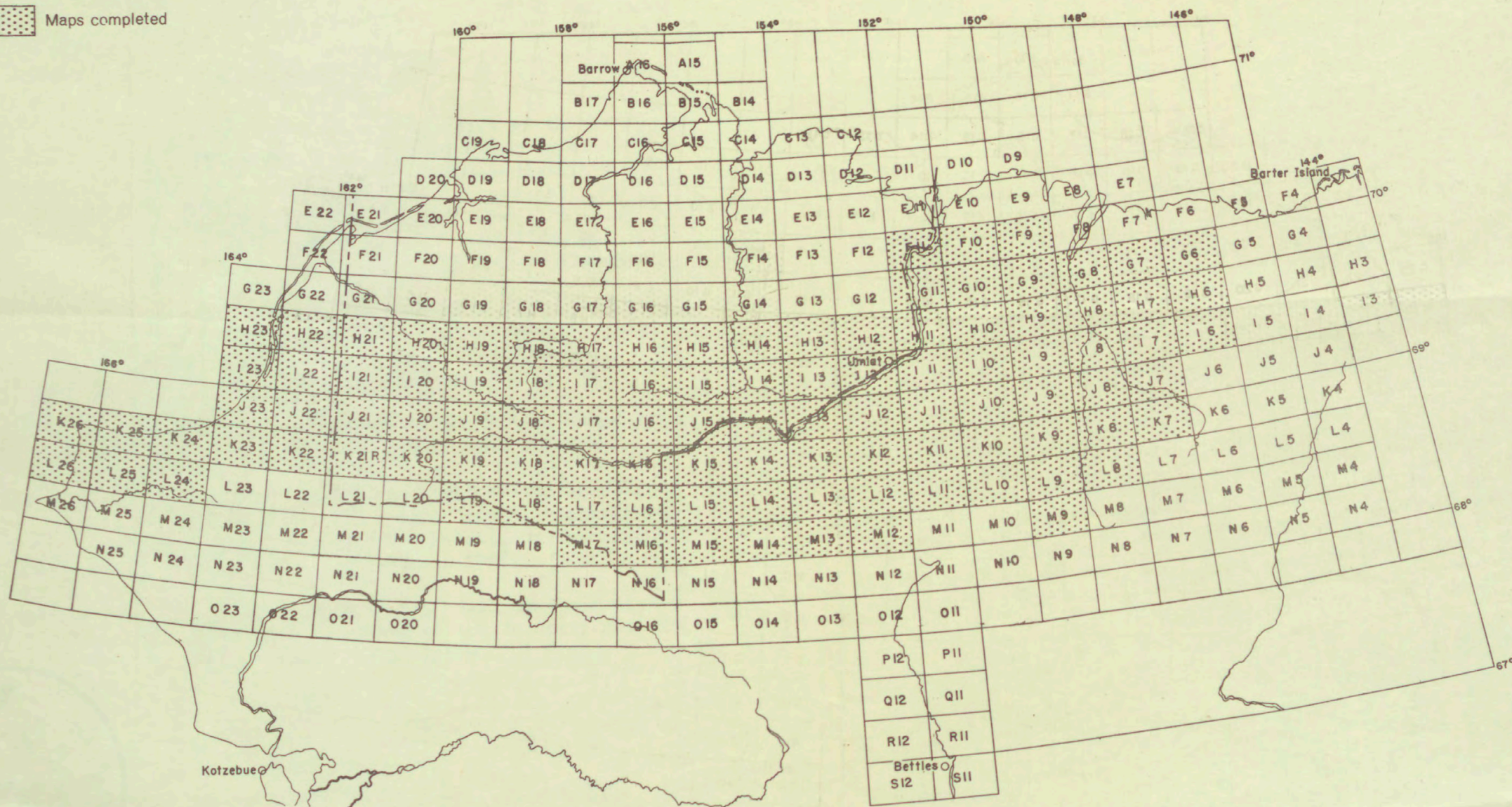
INDEX OF PHOTOGEOLGY MAPS OF NORTHERN ALASKA

SCALE 1:250000

COMPILED FROM 1950 TO 1952

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

 Maps completed



INDEX OF PRELIMINARY PHOTO GEOLOGY MAPS OF NORTHERN ALASKA
SCALE 1:96,000
COMPILED FROM 1949 TO 1952

DEPARTMENT OF DEFENSE
OFFICE OF PUBLIC INFORMATION
Washington 25, D. C.

NO. 861-54

HK	HK
LAH	

IMMEDIATE RELEASE

SEPTEMBER 14, 1954 LI 5-6700 Ext. 71252

ALASKA PETROLEUM RESERVE DATA
TO BE MADE AVAILABLE BY NAVY

The Office of Naval Petroleum Reserves, Department of the Navy, announced today that all well records and geophysical data relating to oil explorations in Naval Petroleum Reserve No. 4, located in the vast sedimentary basin lying north of the Brooks Range in northern Alaska, will be available for public inspection and study beginning September 20, 1954 in the offices of the Geological Survey, Washington, D. C., Room 2643, Interior Building, and in the Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.

This notice supplements that of the Department of the Interior on May 10, 1954, setting up open files in the above offices which made available for public inspection geologic reports, geologic maps, and similar technical data compiled by the Survey in connection with the Navy's exploration.

All of the area in northern Alaska north of the Brooks Range drainage divide currently is withdrawn from public entry by Public Land Order 82.

The task of publishing all information obtained by the Navy during the 10 years spent exploring for oil north of the Arctic Circle in Alaska has been undertaken by the Geological Survey. Initial publications describing some phases of the work are expected to be available in 1955.

The making available of additional technical data on the exploration at this time is in the public interest. Elements of the industry and others have shown interest in further exploratory work in Alaska.

-END-



UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, WASHINGTON, D. C.

OPEN FILE REPORTS
GEOLOGICAL INVESTIGATIONS
NAVAL PETROLEUM RESERVE NO. 4 AND
ADJACENT AREAS, ALASKA

LIST VI GEOLOGIC AND OTHER
REPORTS PREPARED BY U. S. NAVY
FIELD PARTIES 1944 AND 1945

September 1954

These reports are available for public inspection at the Geological Survey, Room 2643, Interior Building and at the office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.

- ✓ 44-1 A report on the findings of a reconnaissance party to Naval Petroleum Reserve No. 4, March 21, 1944 to April 22, 1944 by Lt. W. T. Foran. *Texts 4 illus*
- ✓ 44-2 Geologic reconnaissance survey, Umiat high, Prince Creek anticline, Naval Petroleum Reserve No. 4, Alaska by Lt. W. T. Foran, September 1944. *3 maps only*
- ✓ 45-1 Summary report on cold weather operations, Naval Construction Battalion 1058. *Text*
- ✓ 45-2 Geological and geophysical report concerning the potential oil possibilities of the Umiat and Cape Simpson areas of Naval Petroleum Reserve No. 4 in northern Alaska by Lt. Comdr. W. T. Foran, September 1945. *Text*
- ✓ 45-2A Geological Reconnaissance of Sentinel Hill Area, Party No. 1, June to September 1945. *Text, 3 plates*
- ✓ 45-2B Geological Reconnaissance of Square Lake Area, Party No. 2, June to September 1945. *Text, 4 plates*
- ✓ 45-2C Geological Reconnaissance of the Maybe Creek, Ikpihpuk, Colville River Area, Party No. 3, June to September 1945. *June, July, August Text, 6 illus.*
- ✓ 45-2D Geological Reconnaissance of the Ninuluk, Prince Creek Areas, Party No. 4, June to September 1945. *June, July, August Text, 4 plates*
- ✓ 45-2E Geologic Reconnaissance of a Part of the Chandler River, Party 5, August and September 1945. *Text 6 plates*
- ✓ 45-2F Operations Report on Seismograph Exploration, June to September 1945, Lt. Marti. *Table of contents lacking; Text*

- ✓ 45-2G Report on Seismograph work for the Bureau of Yards and Docks, J. A. Legge, U.G.C. [June to September 1945]
Text, 13 illus.
- ✓ 45-2H Gravity Meter Operations on Cape Simpson, Lt. Fisk, [June to September] 1945. *Summer of*
Table of contents lacking; text, 3 illus., 14 plates
- o 45-2I Plates 1 to 18 from above reports. *lacking*
- ✓ 45-3 Geologic Photointerpretation Report of the Outcrop Area of the Upper Cretaceous Rocks Across the Southern Portion of the NPR-4, Lt. Kingston, April 1946. *[plate 13]*
- ✓ 45-4 Preliminary lithologic and paleontologic report on Umiat Well No. 1, Naval Petroleum Reserve No. 4, by Lt. D. Jopling and Lt. J. S. Templeton, 1945 (includes topographic map of Umiat area). *3 pl.*
Table of contents lacking; text, topog. map.
- ✓ 45-5 Summary of Simpson Core Holes; Part 1, 1 through 6, by Lt. J. S. Templeton; Part 2, 7 through 12 by Lt. G. O. Relf, Jr., 1945. *Table of contents lacking; text* *also WD 22*
- ✓ 45-6 Final report on fossils collected from Naval Petroleum Reserve No. 4, Alaska, 1945, by Lt. J. S. Templeton, March 1946.
Table of contents lacking; Text, pl. 4 only (lacking, pl. 1-3, 5-8)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, WASHINGTON, D. C.

OPEN FILE REPORTS
GEOLOGICAL INVESTIGATIONS
NAVAL PETROLEUM RESERVE NO. 4 AND
ADJACENT AREAS, ALASKA

LIST VII GEOPHYSICAL AND SUBSURFACE REPORTS
PREPARED BY UNITED GEOPHYSICAL COMPANY INC.
AND ARCTIC CONTRACTORS INC. FOR THE U. S. NAVY

September 1954

These reports are available for public inspection at the Geological Survey, Room 2643, Interior Building and at the office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.

- ✓ 46-1 Gravity report for Meade River area by Wayne Phares, October 23, 1946. *Text, 37 pl.*
- ✓ 46-2 NOy 13360 - Seismograph results, Cape Simpson prospect by J. A. Legge, Jr., October 25, 1946. *Table of contents lacking; text, 10*
- ✓ 46-3 Umiat prospect report by W. R. Fillipone, November 20, 1946. (Party 46) Refraction results-Umiat area by J. A. Legge, December 27, 1946. *Table of contents lacking; text, 4 illus*
- ✓ 47-1 Comparison of gravity, magnetic and seismograph results on Naval Petroleum Reserve No. 4 by J. A. Legge, Jr., April 5, 1947. *text, 14 illus*
- ✓ 47-2 Operations report, Party 46, September 1947. *Seismograph survey for Arctic Contractors, by Samuel O. Patterson*
- ✓ 47-3 1947 Inventory and operations report Party 43 for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska, by R. J. Steiner. *text, plates 1-5, illus. no. 152-167*
- ✓ 47-4 Report on 1947 surface detail gravimeter survey for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska, by S. W. Spannare (Party 44). *text, 1 illus.*
- ✓ 47-5 1947 Report on airborne gravimeter for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska, by S. W. Spannare (Party 44). *text, 13 illus*
- ✓ 47-6A } 1947 Seismograph survey report Party 47 for Arctic Contractors
47-6B } at Naval Petroleum Reserve No. 4, Alaska by S. O. Patterson. *47-6A: Text, 8 illus. 47-6B: Text, plates 1-5, illus. no. 152-167*
- ✓ 47-7 1947 Geophysical surveys for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska, by J. A. Legge, Jr. *Text, 16 illus.*
- ✓ 47-8 Report of Well velocity survey of Umiat Test Well No. 2, Naval Petroleum Reserve No. 4, by J. A. Legge, Jr., Dec. 8-10, 1947. *Text, 3, illus.*

- ✓ 48-1 Report of Well velocity survey Simpson Test Well No. 1 by J. A. Legge, Jr., February 21, 1948. *Text, 3, illus.*
- ✓ 48-2 Seismograph work for 1948 season up to June 1, 1948 (Parties 43, 46, 47). *Table of contents lacking; Text, 3, illus.*
- ✓ 48-3 Report of refraction seismograph survey of the Barrow-Meade area by B. N. Grant, June 7, 1948 (Party 47). *Text, 6, illus.*
- ✓ 48-4 Seismograph report June 1948 (Parties 43, 46, 47). *Table of contents lacking; Text, 3, illus.*
- ✓ 48-5 Geophysical report for July 1948 (Parties 43, 46, 47). *Table of contents lacking; Text, 3, illus.*
- ✓ 48-6 Report of a reflection seismograph survey of the Barrow area by B. N. Grant, September 4, 1948 (Party 47). *Text, 6 maps, 2 plates*
- ✓ 48-7 Report of a reflection seismograph survey on water in the Barrow area by E. Wiancko, September 27, 1948 (Water Party 47). *Text, 2 maps*
- ✓ 48-8 Supplementary report on field operations and recommendations, Water Party 47, by J. H. Boring, September 27, 1948. *Text.*
- ✓ 48-9 1948 Operations report Party 47-W, Barrow-Peard Bay area, Water seismograph survey at Naval Petroleum Reserve No. 4, Alaska, by E. B. Phillips. *Text*
- lacking* ✓ 48-10 Report of Well velocity survey, South Barrow Test Well No. 1 by E. Wiancko, October 31, 1948.
- ✓ 48-11 1948 Report on seismograph survey by Party 43 for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska by A. Palenske. *Text, 9, illus.*
- ✓ 48-12 1948 Seismograph survey report, Party 46 for Arctic Contractors on Naval Petroleum Reserve No. 4 by R. J. Spittel, Jr. *Text, 7, illus.*
- ✓ 48-13 1948 Operations report - Party 43, Seismograph survey for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska, by C. J. Alford. *Text*
- ✓ 48-14 1948 Operations report, Party 46, Seismograph survey for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska by P. M. Wilder. *Text*
- ✓ 48-15 1948 Inventory and operations report, Party 47, for Arctic Contractors at Naval Petroleum Reserve No. 4 (winter operation), by R. J. Steiner. *Text*
- ✓ 48-16 1948 Operations report, Party 47, Barrow-Meade area, refraction and reflection seismograph survey at Naval Petroleum Reserve No. 4, Alaska by P. M. Wilder and E. B. Phillips. *Text.*

- ✓ 48-17 Summary 1948 geophysical surveys for Arctic Contractors at Naval Petroleum Reserve No. 4, Alaska by W. H. Myers. *Text, 6 illus.*
- ✓ 48-18 Location of the Fish Creek Well by W. H. Myers, December 9, 1948. *Text, 2 illus. only.*
- ✓ 48-19 Report of reflection seismograph survey in the Barrow area during 1948 by E. Wiancko, December 10, 1948. *Text, 5 maps, 4 plates.*
- ✓ 48-20 Seismograph operations in winter on Naval Petroleum Reserve No. 4. Final report on Party 47 (South Barrow, winter) by R. J. Steiner, December 15, 1948. *Text*
- ✓ 49-1 Supplemental report, reflection seismograph survey of Cape Simpson area by E. Wiancko, A. Sanders, January 1949 (Party 43 in 1945-1946). *Text, 5 illus.*
- ✓ 49-2 Report on 1948 rework of Party 43 -1947 for Arctic Contractors at Naval Petroleum Reserve No. 4 by C. Post. *Text, 7 maps*
- ✓ 49-3 Report of Well velocity survey, South Barrow Test Well No. 2 by E. Wiancko, March 4, 1949. *Text, 2 illus.*
- ✓ 49-4 Party No. 47, Report for month of February 1949, by E. Wiancko, March 7, 1949. *Table of contents lacking; Text, 4 illus.*
- ✓ 49-5 Party No. 46, Report for month of March 1949, by A. B. Sanders, April 21, 1949. *Table of contents lacking; Text, 6 illus.*
- ✓ 49-6 Party No. 47, Report for month of March 1949, by E. Wiancko, April 21, 1949. *Table of contents lacking; Text, 4 illus.*
- ✓ 49-7 Party No. 44, Report for month of March 1949, by C. Post, April 4, 1949. *Table of contents lacking; Text, 4 illus.*
- ✓ 49-8 Party No. 45, Report for month of March 1949, by A. Palenske, April 4, 1949. *Table of contents lacking; Text, 4 illus.*
- ✓ 49-9 Geophysical rework 1948-49 for Washington meeting, April 1949 by W. H. Myers. *49-9A - Table of contents lacking; Text, 2 illus. } found together*
49-9B - Table of contents lacking; 6 illus. only
- ✓ 49-10 Party No. 44, Report for month of April 1949, by C. Post, May 1, 1949. *Table of contents lacking; Text, 4 plates*
- ✓ 49-11 Party No. 45, Report for month of April 1949, by A. Palenske, May 1, 1949. *Table of contents lacking; Text, 4 plates*
- ✓ 49-11A Party No. 46, Report for month of April 1949 by A. B. Sanders, May 1, 1949. *Table of contents lacking; Text, 6 plates*
- ✓ 49-12 Party No. 47, Report for month of April 1949, by E. Wiancko, May 1, 1949. *Table of contents lacking; Text, 7 plates*

- ✓ 49-13 Party No. 44, Report for month of May 1949, by C. Post, June 1, 1949. *table of contents lacking; Text, 2 plates*
- ✓ 49-14 Party No. 45, Report for month of May 1949, by A. Palenske, June 1, 1949. *table of contents lacking; Text, 3 plates*
- ✓ 49-15 Party No. 46, Report for month of May 1949, by A. B. Sanders, June 1, 1949. *Table of contents lacking; Text, 5 plates*
- ✓ 49-16 Party No. 47, Report for month of May 1949, by E. Wiancko, June 1, 1949. *Comment on geophysical progress report for May 1949 by E. W. Beltz, June 10, 1949. table of contents lacking; Text, 7 plates*
- ✓ 49-17 Party No. 249, Progress report on airborne gravity meter, March 15 to June 30 1949 by S. Spannare. *Table of contents lacking; Text, 1 plate*
- ✓ 49-18 Summary of progress reports of geophysical parties for June 1949, by W. H. Myers. *Table of contents lacking; Text, 23 illus.*
- ✓ 49-19 Summary of progress reports July 1949 by W. H. Myers. *Table of contents lacking; Text, 18 illus.*
- ✓ 49-20 Report of well velocity survey, South Barrow Test Well No. 3 by E. W. Gilbert, August 13, 1949. *Text, 3 illus.*
- ✓ 49-21 Report of well velocity survey, Fish Creek Test Well No. 1 by H. B. Chalmers, Jr., August 14, 1949. *Text, 3 illus.*
- ✓ 49-22 Chandler Lake, refraction seismograph Survey, by R. A. Peterson and M. W. Harding, August 1949. *Table of contents lacking; Text 3 plates*
- ✓ 49-23 Summary of well velocity survey on South Barrow No. 3 and Fish Creek No. 1 and surface refraction on Lisburne limestone by W. H. Myers, September 1949. *Table of contents lacking; Text only.*
- ✓ 49-24 Report, seismograph air shooting test, Naval Petroleum Reserve No. 4 August 1948, by R. A. Peterson, September 29, 1949. *Table of contents lacking; Text 3 figs.*
- ✓ 49-25 Seismograph survey 1949, Oumalik-Topagoruk-Ikpikpuk areas, Party No. 44 by C. Post. *Text, 18 illus.*
- ✓ 49-26 Seismograph survey 1949, Meade River area, Party 45, by A. Palenske. *Text, 13 illus.*
- ✓ 49-27 Seismograph operations 1949, Dease and Barrow areas, Party No. 46 by A. B. Sanders. *Text, 19 illus.*
- ✓ 49-28 Seismograph survey 1949, Barrow, Inaru, N. Meade and Topagoruk areas, Party No. 47 by E. Wiancko. *Text, 5 maps, 9 plates*
- ✓ 49-29 Supplemental report, Simpson Seep area by H. B. Chalmers, Jr. *Encl. 3 Text, 4 illus.*
- ✓ 49-30 Operations report, airborne gravity party and detail ground survey, Barrow area 1949, Party No. 249, by S. Spannare. *Text, 6 illus.*

- ✓ 49-31 Summary of 1949 Geophysical Surveys on Naval Petroleum Reserve No. 4 by W. H. Myers, October 1949. *Text, 2 illus.*
- ✓ 49-32 Geological interpretation of seismic results Naval Petroleum Reserve No. 4 by W. H. Myers, October 1949. *Text, 5 illus.*
- ✓ 49-33 Inventory and operations report, Party No. 44, 1949 by W. B. Howard. *Text, 3 charts*
- ✓ 49-34 Inventory and operations report, Party No. 45, 1949 by C. J. Alford. *Text*
- ✓ 49-35 Inventory and operations report, Party No. 46, 1949 by J. S. Bower. *Text*
- ✓ 49-36 Inventory and operations report, Party No. 47, 1949 by E. Phillips. *Text*
- ✓ 49-37 Recommendations and outline 1950 seismograph work by W. H. Myers, October 1949. *Table of contents lacking; Text, 2 illus.*
- ✓ 49-38 Summary of operations for Parties, 44, 45, 46, and 47, 1949 by R. J. Steiner. *Text*
- ✓ 49-39 Well velocity survey report, Oumalik Test Well No. 1 by E. W. Gilbert, October 26, 1949. *Text, 3 illus.*
- ✓ 49-40 Oil possibilities of the Barrow regional high, by E. W. Beltz, October 31, 1949. *Text, 2 plates*
- ✓ 49-41 Oil possibilities of the Cape Simpson area by E. W. Beltz, October 31, 1949. *Text, 12 illus.*
- ✓ 49-42 An evaluation of gravity surveys in Naval Petroleum Reserve No. 4, by E. W. Beltz, October 1949. *Text, 3 plates*
- ✓ 49-43 Comments, Wainwright airborne gravity survey - 1949; by E. W. Beltz, October 1949. *Table of contents lacking; Text*
- ✓ 49-44 Oil possibilities of NPR-4 and a long-term exploration program by E. W. Beltz, November 1949. *Text, 3 plates*
- ✓ 50-1 Recommendations for proposed changes in the drilling program for 1950, January 1950. *geology and geophysics in the vicinity of Cape Simpson, North Simpson, and Topagoruk proposed test wells, January, 1950. Text, 6 illus., 4 figs.*
- ✓ 50-2 Effect of Permafrost variation under Lake Minga on seismic results by W. H. Myers, February 25, 1950. *Table of contents lacking, Text 4 plates.*
- ✓ 50-3 Topagoruk area - interim report - February 13 to March 15, 1950, Party No. 147 by E. Wiancko, March 14, 1950. *Text, 5 illus., 1 plate*
- 50-4 Supplementary report on refraction seismograph survey of the Barrow-Meade Area by S. J. Allen, March 30, 1950. *Text, 6 illus.*

- ✓ 50-5 Summary of interim reports for geophysical parties for month March to April 1950 by W. H. Myers.
 - ✓ Report for Month - March 3 to April 8, 1950 - Fish Creek area, Party No. 144 by A. B. Sanders, April 10, 1950. *Text, 3 plates*
 - ✓ Report for month-March 8 to April 9, 1950 - Middle Meade area, Party No. 145 by A. Palenske, April 10, 1950. *Text, 3 plates*
 - ✓ Report for month- March 1 to April 9, 1950 - Wainwright area, Party No. 146 by H. B. Chalmers, Jr., April 10, 1950. *Text, 5 plates*
 - ✓ Report for month-March 12 to April 10, 1950 - Topagoruk area, Party No. 147 by E. Wiancko, April, 10, 1950. *Text, 7 plates*
- ✓ 50-6 Progress report - Subsurface geology - Umiat structure by R. G. Reese, April 1950. *[24 March 1950] Text, 3 plates*
- ✓ 50-7 Report of well velocity survey of Minga Velocity Test No. 1., by Eugene Wiancko, 8 May 1950. *Text, 5 illus.*
- ✓ 50-8 Well velocity survey report, Oumalik Test Well No. 1, by Sam Allen, 15 May 1950. *Text, 3 illus.*
- ✓ 50-9 Summary of Interim Reports for Geophysical parties for month of April to May 1950, by W. H. Myers. *see attached sheet cp. 6a]*
- ✓ 50-10 Summary of interim reports for geophysical parties for month of May to June 1950, by W. H. Myers. *see attached sheet cp. 6a]*
- ✓ 50-¹²~~11~~ Summary of interim reports for geophysical parties for month of June to July 1950, by W. H. Myers. *see attached sheet cp. 6b]*
- ✓ 50-¹⁴~~12~~ Summary of interim reports for geophysical parties for month of July to August 1950, by W. H. Myers. *see attached sheet cp. 6c]*
- ✓ 50-13 Discussion of North Simpson Test Well No. 1 and relationships with seismic data, by Eugene Wiancko. *Table of contents lacking; Text, 1 plate*
- ✓ 50-14 Seismograph operations, Fish Creek, Colville River, and Titaluk areas, Party 144, 1950, by A. B. Sanders. *Text, 19 illus.*
- ✓ 50-15 Seismograph Survey, Middle Meade area; Party 145, 1950; by A. Palenske. *Text, 14 illus.*
- ✓ 50-16 Seismograph operations, Wainwright, Utukok, and Kaolak areas; Party ¹⁴⁶~~147~~, 1950, by H. B. Chalmers, Jr. *Text, 15 illus.*
- ✓ 50-17 Seismograph survey report of Topagoruk and South Simpson areas; Party 147, 1950, by Eugene Wiancko. *Text, 16 figs. 5 dwgs.*
- ✓ 50-18 Completion report for Driftwood area; Party 148, Aug. 1950, by Samuel Allen. *Text, 2 dwgs., 1 plate*
- ✓ 50-19 Final operations report for Parties 144, 145, 146, 147, 148, 249; 1950, by Ralph J. Steiner. *Table of contents lacking in back of above report. Text, 22 charts.*
also: final operations report for parties 144, 147, 148 (Driftwood area) - 1950, by Ralph J. Steiner.

- 50-9 Summary of interim reports for geophysical parties for month
April to May 1950 by W. H. Myers. text, 1 plate
Report for month - 10 April to 10 May 1950 - Fish Creek
area, Party No. 144 by A. B. Sanders, 17 May 1950.
text, 3 plates
Report for month - 10 April to 10 May 1950 - Middle
Meade area, Party No. 145 by Arnold Palenske, 18 May 1950.
text, 4 plates
Report for month - 11 April to 15 May 1950 - Wainwright
area, Party No. 146 by H. B. Chalmers, Jr., 17 May 1950.
text, 4 plates
Report for month - 10 April to 15 May 1950 - Topagoruk
area, Party No. 147 by Eugene Wiancko 18 May 1950.
text, 4 plates
Table of contents lacking in each of the above reports.

- 50-10 Summary of interim reports for geophysical parties for month
May to June 1950 by W. H. Myers. text
Report for month - 9 May to 7 June 1950 - Colville River,
Party No. 144 by A. B. Sanders, 15 June 1950.
text, 4 plates
Report for month - 11 May to 11 June 1950 - Middle Meade
area, Party No. 145 by Arnold Palenske, 15 June 1950.
text, 2 plates
Report for month - 15 May to 15 June 1950 - Wainwright
area, Party No. 146 by H. B. Chalmers, Jr., 15 June 1950.
text, 4 plates
Report for month - 15 May to 15 June 1950 - Topagoruk
area, Party No. 147 by Eugene Wiancko, 15 June 1950.
text, 5 plates
Table of contents lacking in each of the above reports.

- 50-11 Summary of interim reports for geophysical parties for month of July to August 1950 by W. H. Myers.
Report for month - 6 July to 8 August 1950 - Titaluk area, Party No. 144 by A. B. Sanders, 15 August 1950. text, 4 plates
Report for month - 7 July to 4 August 1950 - Middle Meade area, Party No. 145 by Arnold Palenske, 15 August 1950. text, 2 plates
Report for month - 10 July to 7 August 1950 - Utokok area, Party No. 146 by H. B. Chalmers, Jr., 15 August 1950. text, 3 plates
Report for month - 15 July to 15 August 1950 - South Simpson and Topagoruk areas, Party No. 147 by Eugene Wiancko, 15 August 1950. text, 4 plates
Report for month - 2 July to 7 August 1950 - Wainwright-Middle Meade area, Party No. 249 by Lawrence B. Luhrs, 15 August 1950. text, 8 plates
Table of contents lacking in each of the above reports.

- 50-12 Summary of interim reports for geophysical parties for month June to July 1950 by W. H. Myers. text
Report for month - 7 June to 6 July 1950 - Fish Creek area, Party No. 144 by A. B. Sanders, 15 July 1950. text, 3 plates
Report for period - 12 June to 6 July 1950 - Middle Meade area, Party No. 145 by Arnold Palenske, 15 July 1950. text, 3 plates
Report for month - 4 June to 10 July 1950 - Wainwright area, Party No. 146 by H. B. Chalmers, Jr., 15 July 1950. text, 3 plates
Report for month - 15 June to 15 July 1950 - South Simpson area, Party No. 147 by Eugene Wiancko, 15 July 1950. text, 5 plates
Report for month - 29 May to 2 July 1950 - Wainwright-Middle Meade area, Party No. 249 by Lawrence Luhrs, 15 July 1950. text, 3 plates
Table of contents lacking in each of the above reports.
p. 18 missing.

- ✓ 50-20 Summary of geophysical operations on NPR-4 including results of 1950 field operations, compilation of all geophysical data, Geological interpretation of geophysical results; recommended 1951 geophysical program, October 1950, by W. H. Myers.
Text, 17 plates, 8 illus.
- ✓ 50-21 Airborne gravimeter results; by L. B. Luhrs; Party 249, 1950.
Text, 13 plates, 8 illus.
- ✓ 50-22 Report of 1950 operations and proposed integrated 1951 program by Fairbanks combined staff; prepared for presentation to Operating Committee, November 1950.
Text, 19 illus.
- ✓ 50-23 Inventory and operation report by Party 144, 1950; by Winston B. Howard, *gravity survey, 1950, by R.G. McMINN 1950* *145, 146, 147, 148,* *Table of contents lacking; text, 1 illus.*
REPORT OF C. L. MUNK AREA,
- ✓ 51-1 Seismograph Survey, Party No. 144, by E. J. Munns.
Text, 3 figs.
- ✓ 51-2 Report for month-Party 144, 22 March to 25 April; Fish Creek area, by A. J. Munns, 2 May 1951.
Table of contents lacking; text, 3 plates
- ✓ 51-3 Party 144, Monthly report-26 April-4 June, South Fish Creek and Square Lake area, by E. J. Munns, 5 June 1951.
Table of contents lacking; text, 2 plates
- ✓ 51-4 Results of the 1951 seismic work to date, June 18, 1951 by Ralph R. Brewer, Jr.
Table of contents lacking; text, 3 plates
- ✓ 51-5 Review of Geophysical Data on Potential Traps, *June 1951 by W.H. Myers. Table of contents lacking; text, 7 plates*
- ✓ 51-6 Seismograph Survey report of Square Lake area, Party no. 144, By E. J. Munns, 25 June 1951. *Text, 2 illus.*
- ✓ 51-7 Party Manager's Field Report, Party 144, 1950-51 season, by K. E. Doolittle.
Table of contents lacking; text, 1 illus
- ✓ 51-8 Well velocity survey report, Topogoruk Test Well No. 1, by Ray L. Benedictus, 15 October 1951. *Text, 2 illus.*
- ✓ 51-9 Seismograph Survey Report of Colville River area, Party 144, by E. J. Munns, 1951. *Text, 8 figs, 6 drawings*
- ✓ 51-10 Correlation Simpson T. W. No. 1, Topagoruk T. W. No. 1, by J. R. Woolson, 1951.
Table of contents lacking; text, 2 illus.
- ✓ 51-11 Regional and stratigraphic Discussion of Seismic Results by J. R. Woolson, 1951. *Text, 7 figs, 3 illus*
- ✓ 51-12 Regional interpretation of Gravity Results, by J. R. Woolson, 1951. *Text, 3 figs, 1 illus.*
- ✓ 51-13 Future Geophysical Work in NPR-4 and recommended 1952 Geophysical Program, by J. R. Woolson, 1951.
Table of contents lacking; text, 2 illus.
- ✓ 51-14 Report on 1951 Operations Arctic Contractors proposed 1952 and 1953 Integrated Programs, November 1951.
Table of contents lacking; text, 14 fig.

- ✓ 51-15 Winter Freighting Operatings NPR-4, 1950-1951 season. *C. 1951*
- ✓ 52-1 Interim reports-May 15, 1952, Parties 144, 145, 146, by *E. J. Munns, W. B. Howard, and G. C. Donohue respectively. 1952.*
- ✓ 52-2 Progress of seismograph surveys, June 30, 1952-July 22, 1952 (letters). *Table of contents lacking; Text*
- ✓ 52-3 Report on Gravity Surveys of NPR-4, August 1952 by John R. Woolson. *Text, 1 plate, 9 maps*
- ✓ 52-4 Seismograph Survey Report of the Kaolak to Carbon Creek, Utukok River and Driftwood areas, Party 146, 1952 by Gene C. Donohue. *Text, 12 illus.*
- ✓ 52-5 Seismograph Survey Report of Castle Mountain and Chandler River areas, Party 144, 1952, by E. J. Munns. *Text, 5 illus.*
- ✓ 52-6 Seismograph Survey Report of East Umiat and Kuparuk areas, Party 145, 1952, by W. B. Howard. *Text, 4 illus.*
- ✓ 52-7 Party Manager's Report of Party 144, 145, 146, 1952, by K. E. Doolittle, J. D. Schamburg, and Quentin Feaster. *Table of contents lacking; Text, 6 charts, 6 illus.*
- lacking* ✓ 52-8 Gubik Test Well No. 2, Preliminary Report on Geology by C. L. Mohr, March 7, 1952.
- ✓ 52-9 Geologic interpretation of the Carbon Creek, Archimedes, and Disappointment-Blizzard anticlines by Andrew Milek, November 8, 1952. *Table of contents lacking; Text, 1 illus.*
- ✓ 53-1 Second report of committee appointed by OlnCC, Fairbanks, March 12, 1952 for the purpose of setting forth the objectives for future exploration in NPR #4 and re-evaluating the Navy's accomplishments to date, January 1953. *Table of contents lacking; Text map 3 charts*
- ✓ 53-2 Seismograph survey report of the Shaviovik area; Party 144, 1953 by William L. Romine. *Text, 2 illus.*
- ✓ 53-3 Party Manager's report of the Shaviovik area, Party 144, 1953 by Quentin F. Feaster. *Table of contents lacking; Text, 1 illus.*
- ✓ 53-4 Stratigraphic discussion of geophysical results in the Shaviovik area by John R. Woolson. *Text, 3 illus.*
- ✓ 53-5 Discussion of seismograph work on the Shaviovik anticline by C. L. Mohr, May 4, 1953. *1953 Table of contents lacking; Text*
- ✓ 53-6 The tectonics of the Brooks Range by Andrew Milek, February 21, 1953. *1953 Table of contents lacking; Text, 14 illus.*
- ✓ 53-7 Tectonics of the Eastern Brooks Mountains by Andrew Milek, May 16, 1953. *Table of contents lacking; Text, 9 illus.*

- ✓ 53-8 Regional stratigraphic interpretation of seismic data, Naval Petroleum Reserve No. 4 by C. L. Mohr, June 25, 1953.
Text, 5 illus.
- ✓ 53-9 Final report on geophysical exploration of Naval Petroleum Reserve No. 4 and adjoining areas of Alaska, 1945 to 1953, United Geophysical Company, Inc., December 1953.
2v. Text, 28 illus.; index, 2 illus.
- ✓ 53-10 Exploration report covering work done by Arctic Contractors under contract NOy-13,360 from January 1, 1946 to December 31, 1951. *Text, 11 illus.*
- ✓ 53-11 Exploration report covering work done by Arctic Contractors under contract NOy-71,333 from January 1, 1952 to July 1, 1953.
Text, 6 illus. only



UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, WASHINGTON, D. C.

OPEN FILE REPORTS
GEOLOGICAL INVESTIGATIONS
NAVAL PETROLEUM RESERVE NO. 4 AND
ADJACENT AREAS, ALASKA

(1200)
NZZagw

LIST VIII ADDITIONAL WELL DATA

September 1954

These reports are available for public inspection at the Geological Survey, Room 2643, Interior Building and at the office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.

Explanation

- C - Completion report prepared by Arctic Contractors, Inc.
- S - Summary, graphic history and log prepared by Arctic Contractors, Inc.
- GL - Graphic well log prepared by U. S. Geological Survey
- WL - Written well log prepared by U. S. Geological Survey

- WD-1 Arcon Point Barrow Core Test No. 1 - GL
- WD-2 Avak Test Well No. 1 - C, GL, WL
- WD-3 C. B. Barrow Big Rig Test No. 1 - GL
- WD-4 East Oumalik Test Well No. 1 - C, GL, WL
- WD-5 East Topagoruk Test Well No. 1 - C, GL, WL
- WD-6 Fish Creek Test Well No. 1 - C, GL, WL, S
- WD-7 Grandstand Test Well No. 1 - C, GL, WL, S
- WD-8 Gubik Test Well No. 1 - C (GL, WL placed on open file May 1954, see List IV)
- WD-9 Gubik Test Well No. 2 - C (GL, WL placed on open file May 1954, see List IV)
- WD-10 Ikpikpuk Core Test No. 1 - GL
- WD-11 Kaolak Test Well No. 1 - C, GL, WL
- WD-12 Knifeblade Test Well No. 1 - C, GL, WL
- WD-13 Knifeblade Test Well No. 2 - WL, C
- WD-14 Knifeblade Test Well No. 2A - C, GL, WL
- WD-15 Meade Test Well No. 1 - C, GL, WL
- WD-16 Minga Velocity Test Hole No. 1 - GL, WL
- WD-17 North Simpson Test Well No. 1 - C, GL, WL, S
- WD-18 Oumalik Core Test No. 1 - GL, WL, C, S
- WD-19 Oumalik Core Test No. 2 - GL, WL
- WD-20 Oumalik Core Test No. 11 - GL, WL
- WD-21 Oumalik Test Well No. 1 - C, GL, WL *lacking C, GL*
- WD-22 Sentinel Core Test No. 1 - GL, Petroleum Engineer's Completion Report, WL
- WD-23 Simpson Core Hole 1 through 12 - See List VI, 45-5, S
- WD-24 Simpson Core Hole No. 13 through 24 - C
- WD-25 Simpson Core Hole No. 13 - GL, WL
- WD-26 Simpson Core Hole No. 14 - GL, WL
- WD-27 Simpson Core Hole No. 15 - GL, WL
- WD-28 Simpson Core Hole No. 16 - GL, WL
- WD-29 Simpson Core Hole No. 17 - GL, WL
- WD-30 Simpson Core Hole No. 18 - GL, WL
- WD-31 Simpson Core Hole No. 19 - GL, WL *lacking WL*
- WD-32 Simpson Core Hole No. 20 - GL, WL

WD-32 Simpson Core Hole No. 21 - GL, WL
 WD-33 Simpson Core Hole No. 22 - GL, WL
 WD-34 Simpson Core Hole No. 23 - GL, WL
 WD-35 Simpson Core Hole No. 24 - GL, WL
 WD-36 Simpson Core Hole No. 25 through 31 - C
 WD-37 Simpson Core Hole No. 25 - S, GL, WL
 WD-38 Simpson Core Hole No. 26 - S, GL, WL
 WD-39 Simpson Core Hole No. 27 - S, GL, WL
 WD-40 Simpson Core Hole No. 28 - C, GL, WL
 WD-41 Simpson Core Hole No. 29 - S, GL, WL → includes No. 30 + 30A)
 WD-42 Simpson Core Hole No. 30 - S, GL, WL (includes No. 30A)
 WD-43 Simpson Core Hole No. 31 - S, GL, WL
 WD-44 Simpson Test Well No. 1 - C, GL, WL
 WD-45 Skull Cliff Core Test No. 1 - GL, Petroleum Engineer's Completion Report
 WD-46 South Barrow Test Well No. 1 - C, GL, WL
 WD-47 South Barrow Test Well No. 2 - C, GL, WL, Activity Subsequent to Completion
 ? WD-48 South Barrow Test Well No. 3 - C, GL, WL
 WD-49 South Barrow Test Well No. 4 - C, GL, WL
 WD-50 Square Lake Test Well No. 1 - C, GL, WL
 WD-51 Titaluk Test Well No. 1 - C, GL, WL
 WD-52 Topagoruk Test Well No. 1 - C, GL, WL
 WD-53 Umiat Test Well No. 1 - GL, Geological Report (Table of contents lacking)
 WD-54 Umiat Test Well No. 2 - C, GL, WL
 WD-55 Umiat Test Well No. 3 - GL, Geological Report, Petroleum Engineer's Report
 WD-56 Umiat Test Well No. 4 - C, GL
 WD-57 Umiat Test Well No. 5 - C, GL
 WD-58 Umiat Test Well No. 6 - C, GL (Table of contents lacking)
 WD-59 Umiat Test Well No. 7 - C, GL
 WD-60 Umiat Test Well No. 8 - C (GL, WL placed on open file May 1954, see List IV)
 WD-61 Umiat Test Well No. 9 - C, GL, WL
 WD-62 Umiat Test Well No. 10 - C, GL, WL
 WD-63 Umiat Test Well No. 11 - C, (GL, WL placed on open file May 1954, see List IV)
 WD-64 Wolf Creek Test Well No. 1 - C, GL, WL
 WD-65 Wolf Creek Test Well No. 2 - C, GL, WL
 WD-66 Wolf Creek Test Well No. 3 - C, GL, WL



UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, WASHINGTON, D. C.

OPEN FILE REPORTS
GEOLOGICAL INVESTIGATIONS
NAVAL PETROLEUM RESERVE NO. 4 AND
ADJACENT AREAS, ALASKA

LIST IX SEISMIC CROSS SECTION

April 1957

These data are available for public inspection at the Geological Survey, Room 2643, Interior Building.

The 461 seismic cross sections listed below were prepared by the United Geophysical Company, Inc. from 1945 to 1953 for the U. S. Navy as part of the exploration program in Naval Petroleum Reserve No. 4. Cross sections are designated by line, year and party, thus 40-49-46 is line 40, 1949, party 46. The reflections seismograph method was used for all lines except those preceded by "RF" which were done by refraction. The geophysical reports (see List VII Geophysical and subsurface reports prepared by United Geophysical Company, Inc. and Arctic Contractors, Inc. for the U. S. Navy, September 1954) which include location maps of seismic lines and shot points are listed after each party's cross sections. An asterisk (*) notes that there is a location map included with the cross section. The overall location map is drawing (2703) N.P.R. No. 4 & adjoining areas showing line & drawing numbers of seismic lines and is available at a scale of 1:500,000.

PARTY 43 (1945) Cape Simpson area


<u>Cross section</u>	<u>Drawing</u>
1-45-43 Replot 1949	1220
2-45-43 Replot 1950	1221
3-45-43 Replot 1950	1222
4-45-43 Replot 1950	1223
5-45-43 Replot 1950	1224
6-45-43 Replot 1950	1225
7-45-43 Replot 1950	1226
Crosses 1-45-43 to 7-45-43 Replot 1950	1227, 1228
RF1-45-43	258 Barrow area

See report 46-2, List VII, for locations. *Dr. #1946*

*Shot point
location maps*

PARTY 43 (1946) Cape Simpson area

<u>Cross section</u>	<u>Drawing</u>
1-46-43	259
2-46-43	260
3-46-43	261
4-46-43	262
4-46-43 - west extension	263
5-46-43	283
6-46-43	284
6-46-43 - extension	285
7-46-43	286
8-46-43	287
9-46-43	288
10-46-43	289
11-46-43	291
12-46-43	292
13-46-43	293
14-46-43	294
14-46-43 - south extension	295
15-46-43	296
16-46-43	297
17-46-43	298
18-46-43	299
19-46-43	300
20-46-43	1001
21-46-43	1002
22-46-43	1003
23-46-43	1004
24-46-43	1005
25-46-43	1006
26-46-43	1007
27-46-43	1008
28-46-43	1009
29-46-43	1010
30-46-43	1011
31-46-43	1012
32-46-43	1013
33-46-43	1014
34-46-43	1015

See report 46-2, List VII for locations. - 

PARTY 46 (1946) Umiat area

Cross section

Drawing

1-46-46 Rework 1950
2-46-46 Rework 1950
RF1-46-46

2448
2449
2384-25

See report 46-3, List VII for locations.

Dr. # 280

PARTY 43 (1947) Smith Bay - East Ikpihpuk area

1-47-43 1948 Rework
2A-47-43 (S.P. 1-50) 1948 Rework
2B-47-43 (S.P. 50-104) 1948 Rework
3A-47-43 (S.P. 1-25) 1948 Rework
3B-47-43 (S.P. 25-49) 1948 Rework
3C-47-43 (S.P. 49-75) 1948 Rework
3D-47-43 (S.P. 75-137) 1948 Rework
3-47-43 (S.P. 96-137) 1951 Rework
4-47-43 1951 Rework
5-47-43 1951 Rework
6-47-43 1951 Rework
7-47-43 1951 Rework
8-47-43 1951 Rework
9-47-43 1951 Rework
10-47-43 1951 Rework
11-47-43 1951 Rework
12-47-43 1951 Rework
13-47-43 1951 Rework
14-, 15-, 17-47-43 1951 Rework
16-47-43 1951 Rework
18A-47-43 (S.P. 1-50) 1951 Rework
18-47-43 (S.P. 50-97) 1951 Rework
18X-1, 18X-2 1947 Crosslines 1951 Rework
19-47-43 1951 Rework
20-47-43 1951 Rework

2050 Smith Bay area
2051A
2051B
2052A
2052B East Ikpihpuk area
2052C
2052D
2052-1C
2053-1
2054-1
2055-1
2056-1
2057-1
2058-1
2059-1
2060-1
2061-1
2062-1
2063-1
2064-1
2066A-1
2066B-1
2066B-2
2067-1
2068-1

See report 49-2, List VII for locations.

Drawings # 2069+ 2073

PARTY 46 (1947) Oumalik area

<u>Cross section</u>	<u>Drawing</u>
1-47-46 Corrected 1951	352-1
2-47-46 Corrected 1951	353-1
3-47-46 Corrected 1951	354-1
4A-47-46 (S.P. 1-18) Rework 1951	355-1
4B-47-46 (S.P. 18-38) Rework 1951	350-1
5-47-46 Corrected 1951	356-1
6-47-46 Corrected 1951	357-1
7-47-46 Corrected 1951	358-1
8-47-46 Corrected 1951	359-1
9-47-46 Corrected 1951	360-1
10-47-46 Corrected 1951	361-1
11-47-46 Corrected 1951	362-1
12-47-46 Corrected 1951	363-1
13-47-46 Corrected 1951	364-1
14-47-46 Corrected 1951	365-1
15-47-46 Corrected 1951	366-1
16-47-46 Corrected 1951	367-1
18-47-46 Corrected 1951	351-1
19-47-46 Corrected 1951	368-1
20-47-46 Corrected 1951	369-1
21-47-46 Corrected 1951	370-1

See report 47-6, List VII for locations. *Drawing # 344 + 347*

PARTY 43 (1948) Teshekpuk area

1-48-43	1079
2-48-43 (S.P. 1-50) Rework 1951	1080A-1
2-48-43 (S.P. 50-100) Rework 1951	1080B-1
2-48-43 (S.P. 100-143) Rework 1951	1080C-1*
3-48-43 (S.P. 1-40) Rework 1951	1081A-1
3-48-43 (S.P. 40-81) Rework 1951	1081B-1
4-48-43 Rework 1951	1082-1
5-48-43 (S.P. 1-50) Rework 1951	1083A-1
5-48-43 (S.P. 50-72) Rework 1951	1083B-1
6-48-43 Rework 1951	1084-1
Cross lines: 1A, B, 2A, B, C, D; 3A, B. C.; 5A Rework 1951	1096-1
RF1-48-43	1090*
RF1-48-43	1091* Oumalik area

See report 48-11, List VII for locations.

Drawing # 2012-B + 2009 A

PARTY 46 (1948) Fish Creek area

<u>Cross section</u>	<u>Drawing</u>
1-48-46 (S.P. 1-56) Rework 1951	1078A-1
1-48-46 (S.P. 56-88) Rework 1951	1078B-1
2-48-46 (S.P. 1-56) Rework 1951	1068A-1
2-48-46 (S.P. 56-120) Rework 1951	1068B-1
2-48-46 (S.P. 120-160) Rework 1951	1068C-1
4-48-46 Rework 1951	1069-1
6-48-46 Rework 1951	1070-1
8-48-46 Rework 1951	1071-1
10-48-46 Rework 1951	1072-1
12-48-46 Rework 1951	1073-1
14-48-46 Rework 1951	1074-1
16-48-46 (S.P. 1-50) Rework 1951	1075A-1
16-48-46 (S.P. 50-100) Rework 1951	1075B-1
16-48-46 (S.P. 100-154) Rework 1951	1075C-1
16-48-46 (S.P. 150-210) Rework 1951	1075D-1
18-48-46	1076
20-48-46 Rework 1951	1077-1
22-48-46 Rework 1951	1089-1
24-48-46	2011

See report 48-12, List VII for locations.

*Drawings #1087-D +
1088-C*

PARTY 47 (1948-1949) Barrow, Meade, and Topagoruk areas

1-W-48-47 (water borne)	2010* Barrow-Meade area
2-W-48-47 (water borne)	2018*
RF1-48-47	2251*
RF2-48-47	2252*
RF3-48-47	2253*
RF4-48-47	2254*
RF5-48-47	2255*
RF6-48-47	2256*
RF7-48-47	2257*
RF8-48-47	2258*
RF9-48-47	2259*
RF10-48-47	2260*
RF11-48-47	2111*
RF12-48-47	2112*
RF13-48-47	2113*
14-48-47 Rework	2114
14A-48-47 and 26-48-47 Rework	2126
15-48-47 (No good, replaced by 49-49-46)	
16-48-47 Rework	2033

Profiles have year and
party number transposed
on labels.

PARTY 47 (1948-1949) Barrow, Meade, and Topagoruk areas (Continued)

<u>Cross section</u>	<u>Drawing</u>
17-48-47 and 24-48-47 (S.P. 1-40) Rework	2124A
18-48-47 Rework	2118
19-48-47 Rework	2036
20-48-47 Rework	2037
21-48-47 (No good)	
22-48-47 (No good)	
23-48-47	2038
24-48-47 (S.P. 40-90) Rework	2124B
25-, 24-48-47 (S.P. 90-135) Rework	2124C
27-48-47 Rework	2127
28-, 29-, 30-48-47 Rework	2125
30-49-47	2130*
31-49-47	2131*
32-49-47	2132*
33-49-47	2133*
34-49-47	2134*
35-49-47 (S.P. 1-35)	2135A
35-49-47 (S.P. 36-90)	2135B Inaru River area
35-49-47 (S.P. 90-150)	2135C
35-49-47 (S.P. 150-200)	2135D
35-49-47 (S.P. 200-236)	2135E
36-49-47	2136 Barrow area
37-49-47	2137
38-49-47	2138 Inaru River area
39-49-47 (S.P. 1-50)	2139A
39-49-47 (S.P. 50-100)	2139B North Meade area
39-49-47 (S.P. 100-150)	2139C
39-49-47 (S.P. 150-200)	2139D
39-49-47 (S.P. 200-250)	2139E Meade - Topagoruk area
39-49-47 (S.P. 250-293)	2139F
57-49-47	2157 North Meade area
58-49-47	2158 Meade - Topagoruk area
59-49-47 (S.P. 1-19)	2159A
59-49-47 (S.P. 20-68)	2159B*
59X-49-47 (S.P. 1-25)	2159C*
60-49-47 (S.P. 1-50)	2160A*
60-49-47 (S.P. 50-68)	2160B*
61-48-47	2161*
62-, 62X-49-47	2162*
RF1-49-47	2129* Barrow area
RF5-49-47	2128* Meade-Topagoruk area

See report 49-28, List VII for locations.

Drawing No. 2028-1

PARTY 44 (1949) Oumalik, Topagoruk and Ikpikpuk areas

<u>Cross section</u>	<u>Drawing</u>
1-49-44 (S.P. 1-59)	2170A Topagoruk area
1-49-44 (S.P. 59-131)	2170B
1X-49-44 (1-1X to 5X-49)	2171
2-49-44	2172
2-1X-49-44	2173
3X-49-44	2180*
3-49-44 (shallow) Corrected 1951	2182-1 Anomaly No. 1
3-49-44 (deep)	2182A
4X-49-44 Corrected 1951	2183-1
4-49-44 Corrected 1951	2185-1 North Oumalik area
5-49-44 Corrected 1951	2186-1
6-49-44 Corrected 1951	2187-1
7-49-44 Corrected 1951	2188-1
8-49-44 Corrected 1951	2189-1
9-49-44 (S.P. 1-50) Corrected 1951	2190A-1
9-49-44 (S.P. 50-81) Corrected 1951	2190B-1
10-49-44 Corrected 1951	2191-1
11-49-44 Corrected 1951	2192-1
12-49-44 Corrected 1951	2193-1
13-49-44 Corrected 1951	2194-1
14-49-44 Corrected 1951	2195-1
RF1-49-44	2178* Topagoruk area
RF2-49-44	2179*
RF3-49-44	2181*
RF4-49-44	2184* Anomaly No. 1 (Ikpikpuk area)

See report 49-25, List VII for locations.

Ac. # 2196

PARTY 45 (1949) Meade area

Cross section

Drawing

1-49-45 (S.P. 1-51) Corrected 1951	2211A-1
1-49-45 (S.P. 49-101) Corrected 1951	2211B-1
1-49-45 (S.P. 99-155) Corrected 1951	2211C-1
1-49-45 (S.P. 154-201) Corrected 1951	2211D-1
1-49-45 (S.P. 200-250) Corrected 1951	2211E-1
1-49-45 (S.P. 250-281) Corrected 1951	2211F-1
2-49-45 Corrected 1951	2212-1
3-49-45 Corrected 1951	2213-1
4-49-45 Corrected 1951	2214-1
5-49-45 (S.P. 1-50) Corrected 1951	2215A-1
5-49-45 (S.P. 50-69) Corrected 1951	2215B-1
6-49-45 Corrected 1951	2216-1
8-49-45 Corrected 1951	2218-1
9-49-45 Corrected 1951	2219-1
10-49-45 Corrected 1951	2220-1
11-49-45 Corrected 1951	2221-1
12-49-45 Corrected 1951	2222-1
13-49-45 Corrected 1951	2223-1 Meade River area
14-49-45 Corrected 1951	2224-1
15-49-45 Corrected 1951	2225-1
Time-Distance Plot RF2-49-45	2241 Meade River Prospect
RF1-49-45	2384-23
RF2-49-45	2384-22
RF3-49-45	2384-26 Meade area
RF4-49-45	2384-27

See report 49-26, List VII for locations. *AL. # 2210*

PARTY 46 (1949) Barrow area

37A & B-49-46 Rework	1130
40-49-46	2140 Dease Prospect
41-49-46	2141
42-49-46	2142
43-49-46	2143
43A-	2120
44-49-46	2144
45-59-46	2145
46-49-46	2146 Barrow area
47-49-46	2147
48-49-46 Rework	1123

PARTY 46 (1949) Barrow area (Continued)

<u>Cross section</u>	<u>Drawing</u>
49-49-46 Rework	1124
50-49-46 Rework	1125
51-49-46	2151
52-49-46 Rework	1126
53-49-46 Rework	1127
54-49-46 Rework	1128
55-49-46 Rework	1129
56-49-46	2156
63-49-36	2163
64-49-46	2164
65-49-46	2165
66-49-46	2166
67-49-46	2167

See report 49-27, List VII for locations. *Dr. #2100*

PARTY 144 (1950) Fish Creek, Colville River, and Titaluk areas

1-50-144 (S.P. 1-50)	2401A	Fish Creek area
1-50-144 (S.P. 50-91)	2401B	
1A-50-144	2421	
2-50-144	2402	
3-50-144	2403	
4-50-144	2404	
5-50-144 (S.P. 1-50)	2405A	
5-50-144 (S.P. 50-100)	2405B	
5-50-144 (S.P. 100-150) Rework 1951	2405C-1	
5-50-144 (S.P. 150-200) Rework 1951	2405D-1	Colville River area
5-50-144 (S.P. 200-250) Rework 1951	2405E-1	
5-50-144 (S.P. 250-310) Rework 1951	2405F-1	
5A-, 5B-50-144 Rework 1951	2422-1	
6-50-144 Rework 1950	2406-1	
7-50-144 Rework 1950	2407-1	
8-50-144 Rework 1951	2408-1	
9-50-144 Rework 1951	2409-1	
10-50-144 Rework 1951	2410-1	
11-50-144	2411	Titaluk area
12-50-144	2412	
13-50-144	2413	
14-50-144	2414	

See report 50-14, List VII for locations. *Dr. #2415 + 2416*

PARTY 145 (1950) Middle Meade area

<u>Cross section</u>	<u>Drawing</u>
1-50-145 (S.P. 1-60)	2261A
1-50-145 (S.P. 60-122)	2261B
2-50-145	2262
3-50-145	2263
4-50-145	2264
5-50-145 (S.P. 1-65)	2265A
5-50-145 (S.P. 65-75)	2265B
6-50-145 (S.P. 1-52)	2266A
6-50-145 (S.P. 53-64)	2266B
7-50-145	2267
8-50-145	2268
9-50-145	2269
10-50-145	2270
11-50-145	2271
12-50-145	2272
13-50-145	2273
14-50-145	2274
15-50-145 (S.P. 1-50)	2275A
15-50-145 (S.P. 50-100)	2275B
16-50-145	2276

See report 50-15, List VII for locations.

Ar # 2277

PARTY 146 (1950) Wainwright and Utukok areas

1-50-146	2350	Wainwright area
2-50-146	2351	
3-50-146 (S.P. 1-30)	2352A	
3-50-146 (S.P. 45-75)	2352B	
4-50-146	2353	
5A-50-146 (S.P. 1-48)	2354A	
5-50-146 (S.P. 48-90)	2354B	
6A-50-146 (S.P. 1-51)	2355A	
6B-50-146 (S.P. 49-100)	2355B	
7-50-146	2356	
8A-50-146 (S.P. 1-51)	2357A	
8B-50-146 (S.P. 49-102)	2357B	
9-50-146	2358	
10-50A-146 (S.P. 1-51)	2359A	Utukok area
10-50B-146 (S.P. 49-101)	2359B	

PARTY 146 (1950 Wainwright and Utukok area (Continued)

<u>Cross section</u>	<u>Drawing</u>
10-50C-146 (S.P. 97-163)	2359C
11-50-146	2360
12-50-146	2361
13-50-146	2362
14-, 15-50-146	2363
16-50-146	2364
17-50-146	2365
18-50-146	2366
19-50-146	2367
21-50-146	2368
22-50-146	2369

See report 50-16, List VII for locations. *At. # 2370*

PARTY 147 (1950) Topagoruk and South Simpson area

1-50-147	2301*
2-50-147	2302*
3-50-147	2303*
4-50-147	2304*
5-50-147	2305*
5-50-147 (S.P. 1-28) Rework 1951	2305-1
6-50-147	2306*
7-50-147	2307*
8-50-147	2308*
9-50-147	2309*
10-, 11-50-147	2311*
12-50-147	2312*
13-50-147	2313*
14-50-147	2314*
15-50-147	2315*
16-50-147	2316*
17-50-147	2317*
18-50-147	2318*
19-50-147	2319*
20-50-147	2320*
21-50-147	2321*
22-, 23-50-147	2322*
24-50-147	2324*
25-50-147	2325*
26-50-147	2326*
27-50-147	2327*

PARTY 147 (1950) Topagoruk and South Simpson area (Continued)

<u>Cross section</u>	<u>Drawing</u>
28-50-147	2328*
29-50-147	2329*
30-50-147 (S.P. 1-64)	2330A
30-50-147 (S.P. 64-37X)	2330B South Simpson area
31-50-147	2331
32-, 33-50-147	2332
34-50-147	2334
35-50-147	2335
36-50-147	2336
37-50-147	2337
38-50-147	2338
39-50-147	2339
40-50-147	2340
41-, 42-, 43-, 48-50-147	2341
44-50-147	2344
45-50-147	2345
46-50-147	2346
47-50-147	2347
49-50-147 (S.P. 1-55)	2349A
49-50-147 (S.P. 55-78)	2349B
50-50-147	2450
51-50-147 (S.P. 1-49)	2451A Topagoruk area
51-50-147 (S.P. 49-44X)	2451B
52-50-147	2452
53-50-147	2453
54-50-147	2454
55-, 56-50-147	2455

See report 50-17, List VII for locations. *Dr. # 2310-T*

PARTY 148 (1950) Driftwood area

RF1-, RF2-50-148 2461*

See report 50-18, List VII for locations.

Dr # 2460

PARTY 144 (1951) Gubik, Teshekpuk, Sentinel Hill and
Square Lake areas

<u>Cross section</u>	<u>Drawing</u>
1-, 2-, 3-51-144	2463 Gubik area
4-, 5-, 6-51-144 (See also 5-52-144 drawing 2565A)	2464
7-51-144	2465 Fish Creek area
8-51-144	2466
9-51-144 (S.P. 1-29)	2467A
9-51-144 (S.P. 30-76)	2467B
10-51-144	2468
11-, 12- 1-144	2469
13-51-144	2470 South Fish Creek area
14-51-144 Rework	2473-1 Square Lake area
15-51-144 Rework	2474-1
16-51-144 Rework	2475-1
17-51-144 Rework	2476-1
18-51-144 Rework	2477-1
19-, 20-51-144 Rework	2478-1
21-, 23-51-144 Rework	2479-1
22-51-144 Rework	2482-1
24-, 25-51-144 Rework	2483-1
26-51-144	2484 Sentinel Hill area
27-51-144	2485
28-51-144	2486
29-51-144	2487
30-51-144	2488
31-51-144	2489 Square Lake area
32-51-144	2490

See report 51-9, List VII for locations. *Dr. # 2415-T*

PARTY 144 (1952) Castle Mountain and Chandler River areas

<u>Cross section</u>	<u>Drawing</u>
1-52-144	2561 Castle Mountain area
2-52-144	2562
3-52-144	2563
4-52-144	2564 Chandler River (Grandstand anticline)
4-52-144 Special cross-section made by reducing dip of a shallow reflection zone to zero and adjusting dip of other reflec- tions by equivalent angle.	2570
5-52-144	2565 Schrader anticline
5-52-144, 5-52-145, 4-51-144	2565A Schrader - Umat - Gubik anticline
6-, 7-52-144	2566 Schrader anticline
RF1-52-144	2564R Chandler River

See report 52-7, List VII for locations.

PARTY 145 (1952) East Umat and East Gubik areas

1-52-145	2601 East Umat area
2-52-145	2602
3-52-145	2603
4-52-145	2604
5-52-145 (See also 5-52-144, drawing 2565A)	2605
6-52-145 (S.P. 1-50)	2606A East Gubik area
6-52-145 (S.P. 50-100)	2606B
6-52-145 (S.P. 100-129)	2606C
7-52-145 (S.P. 1-36)	2607A
7-52-145 (S.P. 37-65)	2607B
8-52-145	2608
9-52-145	2609
10-52-145	2610
11-52-145	2611
12-52-145	2612
13-52-145	2613
14-52-145	2614
15-52-145	2615
16-52-145	2616
17-52-145	2617

See report 52-7, List VII for locations.

Dr. # 2569
" - J-11
" K-11
" L-11

PARTY 146 (1952) Driftwood and Kokolik areas

<u>Cross section</u>	<u>Drawing</u>
1-52-146 (S.P. 1-52)	2651A Kokolik area
1-52-146 (S.P. 52-102)	2651B
1-52-146 (S.P. 102-132)	2651C
2-52-146	2652
3-52-146 (S.P. 1-50)	2653A Driftwood area
3-52-146 (S.P. 50-100)	2653B (Mislabelled "C" on drawing)
3-52-146 (S.P. 100-138)	2653C
4-52-146	2654
5-52-146	2655
6-52-146	2656
7-52-146	2657
RF1-52-146	2384-29
RF2-52-146	2384-30
RF3-52-146	2384-31

See report 52-7, List VII for locations.

PARTY 144 (1953) Shaviovik area

1-53-144	2681
2-53-144	2682
3-53-144	2683
4-53-144	2684
5-53-144	2685
6-53-144	2686
7-53-144	2687
8-53-144	2688
9-53-144	2689
10-53-144	2690
11-53-144	2691
12-53-144	2692

See report 53-3, List VII for locations. *Dr. # 2679*

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, WASHINGTON, D. C.

OPEN FILE REPORTS
GEOLOGICAL INVESTIGATIONS
NAVAL PETROLEUM RESERVE NO 4 AND
ADJACENT AREAS, ALASKA

LIST X MICROFILMS OF SEISMIC RECORDS

April 1957

These microfilms are available for public inspection at the
Geological Survey, Room 2643, Interior Building

The United Geophysical Company, Inc. prepared microfilms of the
original records of their seismic work done in Naval Petroleum Reserve
No 4 from 1945 to 1953 as part of the U. S. Navy's exploration program.
The approximate content of the reels of microfilm are listed below.
There are 61 reels of microfilm. Total footage is about 5,400 feet.
The seismic lines are designated by line number, year, and party, for
example 40-49-46 is line 40, 1949, party 46. Refraction seismograph
lines are preceded by "RF" for further information regarding locations
and interpretations see lists VII and IX.

Group 1 (1949)

- Reel 1: 40-49-46 to 42-49-46, 43aW/S-49-46, 43-49-46, 43ME/SW-49-46,
44a-49-46, 44-49-46, 37-49-47 to 30-39-47, RF1-49-47, RF2-49-47
- Reel 2: RF1-49-44 to RF4-49-44, 1-6X-49-44 to 1-1X-49-44, 1-49-44 to
4-49-44, 6-49-44, 8-49-44, 23X-6-49-44, 3X-49-44, 4X-49-44
- Reel 3: 5-49-44, 7-49-44 to 14-49-44, 2-1X-49-44, 32X-4-49-44
- Reel 4: 35-49-47, 38-49-47, 39-49-47
- Reel 5: 37a,b-49-46, 46-49-46 to 56-49-46
- Reel 5A: 63-49-46 to 69-49-46
- Reel 6: 39-49-47, 57-49-47 to 62-49-47
- Reel 7: 1-49-45 to 6-49-45, 8-49-45, 9-49-45
- Reel 8: 10-49-45 to 15-49-45, RF1-49-45 to RF4-49-45

Group 2 (1945 to 1948)

- Reel 1: 1-45-43 to 7-45-43, uphole shooting Simpson core tests 7,8
- Reel 2: Velocity survey and 1-46-43 to 6-46-43
- Reel 3: 7-46-43 to 22-46-43
- Reel 4: 23-46-43 to 34-46-43, 1-46-46, 2-46-46, RF1-46-46, velocity survey Umiat test well 2 (1947)
- Reel 5: 1-47-43 to 3-47-43
- Reel 6: 3-47-43 to 14-47-43
- Reel 7: 15-47-43 to 20-47-43, velocity survey on line 18
- Reel 8: 1-47-46 to 9-47-46
- Reel 9: 10-47-46 to 21-47-46, reconnaissance "L" type spreads
- Reel 10: 1-48-43, 2-48-43
- Reel 11: 2-48-43 to 5-48-43
- Reel 12: 5-48-43, 6-48-43, velocity survey on 2-48-43, RF1-48-43 (Teshchepak), 1-48-43 (Fish Creek in conjunction with Party 46), velocity survey on 1-48-43, RF1-48-43 (Oumalik), velocity survey (Oumalik)
- Reel 13: 2-48-46, 4-48-46, 6-48-46
- Reel 14: 8-48-46, 10-48-46, 12-48-46, 14-48-46, 16-48-46
- Reel 15: 16-48-46, 18-48-46, 20-48-46, 22-48-46, Simpson test well 1 velocity test (1948), 1-48-47 to 4-48-47
- Reel 16: 5-48-47 to 13-48-47
- Reel 17: 14-48-47 to 19-48-47, 21-48-47 to 24-48-47 (lines not in this sequence on roll)
- Reel 18: W.1-48-47, W.2-48-47
- Reel 19: 14A-48-47, 26-48-47 to 30-48-47 (35 mm roll)

Group 3 (1952)

Reel 1: 1-52-144 to 3-52-144
Reel 2: 4-52-144 to 5-52-144
Reel 3: 5-52-144 to 7-52-144
Reel 4: 1-52-145 to 5-52-145
Reel 5: 6-52-145 to 9-52-145
Reel 6: 10-52-145 to 17-52-145
Reel 7: 1-52-146 to 4-52-146
Reel 8: 4-52-146 to 7-52-146
Reel 9: RF10West-52-146, RF9East-52-146, RF8West-52-146, RF8East-52-146,
RF8-52-142 (Probably identified now as RF3-52-146 to RF1-52-146)

Group 4 (1951)

Reel 1: 1-51-144 to 10-51-144
Reel 2: 10-51-144 to 19-51-144
Reel 3: 19-51-144 to 28-51-144, 31-51-144, 32-51-144
Reel 4: 28-51-144 to 30-51-144

Group 5 (1950)

Reel 1: 1-50-147 to 10-50-147
Reel 2: 10-50-147 to 18-50-147 (except 12-50-147)
Reel 3: 19-50-147 to 26-50-147
Reel 4: 26-50-147 to 32-50-147
Reel 5: 32-50-147 to 43-50-147
Reel 6: 46-50-147 to 50-50-147
Reel 7: 1-50-146 to 6-50-146
Reel 8: 7-50-146, 9-50-146, 13-50-146, 17-50-146 to 19-50-146
Reel 8A: 10-50-146, 12-50-146, 14-50-146, 16-50-146
Reel 9: 1-50-145 to 4-50-145
Reel 10: 5-50-145 to 10-50-145
Reel 11: 3-50-144
Reel 12: 1-50-144 to 5-50-144, 1A-50-144, 5A-50-144, 5B-50-144,
6-50-144 to 8-50-144 (lines not in sequence)
Reel 13: 9-50-144 to 14-50-144, 2-1A-50-144, 5-1A-50-144, 5B-50-144,
RF1-50-148, RF2-50-148, 1-50-148, 22-50-146
Reel 14: 10-50-145 to 16-50-145 (lines not in sequence)
Reel 15: 10-50-146 to 12-50-146, 14-50-146, 16-50-146, 21-50-146
Reel 16: 31-50-147 to 36-50-147 (lines not in sequence)
Reel 16A: 15-50-146, 17-50-146, 21-50-146, 22-50-146

Group 8 (1953)

Reel 1: 1-53-144 to 9-53-144
Reel 2: 10-53-144 to 12-53-144

Recd

Weld - Int. 2548

(UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey
Washington, D. C.

17

For Release APRIL 3, 1959

The Geological Survey is releasing in open files the following reports. Copies are available for consultation at offices as listed.

1. Geology of the Rogers Lake quadrangle, California, by T. W. Dibblee, Jr. 1 map. On file at the Geological Survey libraries, 1033 General Services Bldg., Washington, D. C., and 4 Homewood Place, Menlo Park, Calif.; and at 116 N. Alexander St., Claremont, Calif.
2. Geology of the Rosamond quadrangle, California, by T. W. Dibblee, Jr. 1 map. On file at the Geological Survey libraries, 1033 General Services Bldg., Washington, D. C., and 4 Homewood Place, Menlo Park, Calif.; and at 116 N. Alexander St., Claremont, Calif.
3. List 11. Electric logs of wells drilled in northern Alaska, by Wenonah E. Bergquist. 12 p. On file in Room 2643 Interior Bldg., Washington, D. C.

x x x

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY, WASHINGTON, D. C.

OPEN FILE REPORTS
GEOLOGICAL INVESTIGATIONS
NAVAL PETROLEUM RESERVE NO. 4 AND
ADJACENT AREAS, ALASKA

February 1959

The electric logs listed below are available for public inspection at the Geological Survey, Room 2643, Interior Building.

These electric logs were made by Arctic Contractors during the drilling phase of the exploration of Naval Petroleum Reserve No. 4 from 1944 to 1953. The records consist of inked tracings, film negatives, and brown-line prints. Gamma ray logs, micrologs, temperature surveys, and miscellaneous surveys are available as indicated. Data on drilling-mud characteristics are included for each run.

The logs are listed by well and run number.

LIST XI. ELECTRIC LOGS OF WELLS DRILLED IN NORTHERN ALASKA

Well Name	No.	Run number	Scale	Kind of Copy
South Barrow test well 1	11-1	Temperature survey	1" = 100'	Tracing
	11-2	Temperature survey	2" = 100'	Tracing
			(approx.)	
	11-3	Run 1	5" = 100'	Tracing
	11-4	Run 2	5" = 100'	Tracing
	11-5	Run 3	5" = 100'	Tracing
	11-6	Run 4	5" = 100'	Tracing
	11-7	Run 5	5" = 100'	Tracing
	11-8	Composite runs 1-5	2" = 100'	Tracing
	11-9	Composite runs 1-5	1" = 100'	Film negative
	11-10	Composite runs 1-5	1" = 200'	Film negative
South Barrow test well 2	11-11	Run 1	5" = 100'	Tracing
	11-12	Run 2	5" = 100'	Tracing
	11-13	Run 3	5" = 100'	Tracing
	11-14	Run 4	5" = 100'	Tracing
	11-15	Run 5	5" = 100'	Tracing
	11-16	Composite runs 1-5	2" = 100'	Tracing
	11-17	Composite runs 1-5	1" = 100'	Film negative
	11-18	Composite runs 1-5	1" = 200'	Film negative

South Barrow test well 3	11-19	Temperature survey	1" = 100'	Film negative
	11-20	Temperature survey	2" = 100'	Tracing
	11-21	Run 1	2" = 100'	Tracing
	11-22	Run 2	2" = 100'	Tracing
	11-23	Run 3	2" = 100'	Tracing
	11-24	Run 4	2" = 100'	Tracing
	11-25	Run 1	1" = 100'	Film negative
	11-26	Run 2	1" = 100'	Film negative
	11-27	Run 3	1" = 100'	Film negative
	11-28	Run 4	1" = 100'	Film negative
	11-29	Composite runs 1,3,4	1" = 100'	Film negative
	11-30	Composite runs 1,3,4	2" = 100'	Tracing
	11-31	Composite runs 1,3,4	1" = 200'	Film negative

South Barrow test well 4	11-32	Temperature survey	2" = 100'	Tracing
	11-33	Run 1 (Widco)	2" = 100'	Tracing
	11-34	Run 1 (Widco)	5" = 100'	Tracing
	11-35	Run 2	2" = 100'	Tracing
	11-36	Run 2 (auxiliary)	5" = 100'	Tracing
	11-37	Run 3	2" = 100'	Tracing
	11-38	Run 3	5" = 100'	Brown line print
	11-39	Composite runs 1-3	1" = 100'	Tracing
	11-40	Composite runs 1-3	1" = 100'	Film negative
	11-41	Composite runs 1-3	2" = 100'	Brown line print
	11-42	Composite runs 1-3	2" = 100'	Tracing
	11-43	Composite runs 1-3	1" = 200'	Film negative

Arco Barrow Core test 1	11-44	Temperature survey	1" = 100'	Tracing
	11-45	Run 1	1" = 200'	Film negative
	11-46	Run 1	1" = 100'	Film negative
	11-47	Run 1	2" = 100'	Tracing

Avak test well 1	11-48	Run 1	2" = 100'	Brown line print
	11-49	Composite runs 1-2	1" = 100'	Film negative
	11-50	Composite runs 1-2	1" = 200'	Film negative
	11-51	Run 2	2" = 100'	Brown line print
	11-52	Composite runs 1-2	2" = 100'	Film negative

Minga Velocity test	11-53	Run 1	1" = 100'	Film negative
	11-54	Run 1	1" = 200'	Film negative
	11-55	Run 1	2" = 100'	Tracing

North Simpson test well 1	11-56	Run 1	2" = 100'	Tracing
	11-57	Composite runs 1-2	2" = 100'	Tracing

North Simpson test well 1 cont'd	11-58	Composite runs 1-2	1" = 100'	Brown line print
	11-59	Composite runs 1-2	1" = 100'	Print
	11-60	Composite runs 1-2	1" = 200'	Film negative
Simpson test well 1	11-61	Temperature survey (1947)	2" = 100'	Tracing
	11-62	Temperature survey (1948)	2" = 100'	Tracing
	11-63	Run 1	5" = 100'	Tracing
	11-64	Run 1 / lateral	5" = 100'	Tracing
	11-65	Run 2	5" = 100'	Tracing
	11-66	Run 3	5" = 100'	Tracing
	11-67	Run 4	5" = 100'	Tracing
	11-68	Run 5	5" = 100'	Tracing
			and 2" = 100'	
	11-69	Run 6	2" = 100'	Tracing
			and 5" = 100'	
	11-70	Run 7	2" = 100'	Tracing
			and 5" = 100'	
	11-71	Run 8	5" = 100'	Tracing
			and 2" = 100'	
	11-72	Run 8 lateral	5" = 100'	Tracing
	11-73	Composite runs 1-4	2" = 100'	Tracing
	11-74	Composite runs 1-8	1" = 100'	Film negative
	11-75	Composite runs 1-8	1" = 200'	Film negative
	11-76	Composite runs 1-8	2" = 100'	Tracing
Simpson Core test 13	11-77	Run 1	5" = 100'	Tracing
	11-78	Run 1	1" = 100'	Film negative
	11-79	Run 1 (home made)	1" = 200'	Film negative
	11-80	Run 1 (home made)	2" = 100'	Tracing
Simpson Core test 14	11-81	Run 1 (Widco)	1" = 200'	Film negative
	11-82	Run 1 (Widco)	1" = 100'	Film negative
	11-83	Run 1 (Widco)	2" = 100'	Tracing
Simpson Core test 15	11-84	Run 1	1" = 200'	Film negative
	11-85	Run 1	1" = 100'	Film negative
	11-86	Run 1	2" = 100'	Tracing

Simpson Core test 16	11-87	Run 1 (Widco)	1" = 200'	Film negative
	11-88	Run 1 (Widco)	1" = 100'	Film negative
	11-89	Run 1 (Widco)	2" = 100'	Tracing
Simpson Core test 17	11-90	Runs 1-2 (Widco)	1" = 200'	Film negative
	11-91	Runs 1-2 (Widco)	1" = 100'	Film negative
	11-92	Runs 1-2 (Widco)	2" = 100'	Tracing
Simpson Core test 18	11-93	Runs 1-2 (Widco)	1" = 200'	Film negative
	11-94	Runs 1-2 (Widco)	1" = 100'	Film negative
	11-95	Runs 1-2 (Widco)	2" = 100'	Tracing
Simpson Core test 19	11-96	Run 1 (Widco)	1" = 200'	Film negative
	11-97	Run 1 (Widco)	1" = 100'	Film negative
	11-98	Run 1 (Widco)	2" = 100'	Tracing
Simpson Core test 20	11-99	Run 1 (Widco)	1" = 200'	Film negative
	11-100	Run 1 (Widco)	1" = 100'	Film negative
	11-101	Run 1 (Widco)	2" = 100'	Tracing
Simpson Core test 21	11-102	Run 1 (Widco)	1" = 200'	Film negative
	11-103	Run 1 (Widco)	1" = 100'	Film negative
	11-104	Run 1 (Widco)	2" = 100'	Tracing
Simpson Core test 22	11-105	Run 1	1" = 200'	Film negative
	11-106	Run 1	1" = 100'	Film negative
	11-107	Run 1	2" = 100'	Tracing
Simpson Core test 23	11-108	Run 1	1" = 200'	Film negative
	11-109	Run 1	1" = 100'	Film negative
	11-110	Run 1	2" = 100'	Tracing
Simpson Core test 24	11-111	Runs 1-2 (Widco)	1" = 200'	Film negative
	11-112	Runs 1-2 (Widco)	1" = 100'	Film negative
	11-113	Runs 1-2 (Widco)	2" = 100'	Tracing
Simpson Core test 25	11-114	Run 1 (Widco)	1" = 200'	Film negative
	11-115	Run 1 (Widco)	2" = 100'	Tracing
	11-116	Run 1 (Widco)	1" = 100'	Film negative

Simpson core test 26	11-117	Composite runs 1-2 (Widco)	1" = 100'	Print
	11-118	Run 1 (Widco)	2" = 100'	Tracing
	11-119	Composite runs 1-2 (Widco)	1" = 200'	Film negative
	11-120	Composite runs 1-2 (Widco)	2" = 100'	Tracing
Simpson core test 27	11-121	Composite runs 1-4 Run 1 by Widco	1" = 200'	Film negative
	11-122	Run 1 (Widco)	1" = 100'	Film negative
	11-123	Run 1 (Widco)	2" = 100'	Tracing
Simpson core test 28	11-124	Run 1	1" = 200'	Film negative
	11-125	Run 1	1" = 100'	Print
	11-126	Run 1	1" = 100'	Brown line print
	11-127	Run 1	2" = 100'	Tracing
	11-128	Run 1	5" = 100'	Tracing
Simpson core test 29	11-129	Run 1 (Widco)	1" = 100'	Film negative
	11-130	Run 1 (Widco)	2" = 100'	Tracing
	11-131	Run 1 (Widco)	1" = 200'	Film negative
Simpson core test 30A	11-132	Run 1 (Widco)	1" = 100'	Film negative
	11-133	Run 1 (Widco)	1" = 200'	Film negative
	11-134	Run 1 (Widco)	2" = 100'	Tracing
Topagoruk test well 1	11-135	Composite runs 1-9 and 12-13	1" = 200'	Film negative
	11-136	Composite runs 1-9 and 12-13	1" = 100'	Film negative
	11-137	Composite runs 1-9 and 12-13	2" = 100'	Brown Line print
	11-138	Composite runs 1-9 and 12-13	2" = 100'	Tracing and film negative
	11-139	Cement top determination 1 (temperature survey)	2" = 100'	Film negative
	11-140	Cement top determination 2 (Temperature survey)	2" = 100'	Film negative
	11-141	Run 7 Micro log	5" = 100'	Film negative
	11-142	OR-1 Gamma Ray	2" = 100'	Tracing

Topagoruk test well 1 cont'd	11-143	Run 1	2" = 100'	Film negative
	11-144	Run 8	2" = 100'	Film negative
			and 5" = 100'	
	11-145	Run 10	2" = 100'	Tracing
			with lateral and 5" = 100'	
	11-146	Run 11	2" = 100'	Tracing
			and 5" = 100'	
	11-147	SG-2	2" = 100'	Film negative
East Topagoruk test well 1	11-148	Run 1 (Widco)	2" = 200'	Tracing
	11-149	Run 1 (Widco)	1" = 200'	Film negative
	11-150	Run 2	5" = 100'	Film negative
	11-151	Run 3	5" = 100'	Film negative
	11-152	Run 4	5" = 100'	Film negative
	11-153	Composite runs 1-4 (1 = Widco)	1" = 100'	Brown line print
	11-154	Composite runs 1-4 (1 = Widco)	1" = 100'	Film negative
	11-155	Composite runs 1-4	2" = 100'	Tracing and film negative
Fish Creek Test well 1	11-156	Run 1, temperature survey	2" = 100'	Tracing
	11-157	Temperature survey	1" = 100'	Film negative
	11-158	Runs 1-2, sidetrack 1	5" = 100'	Tracing
	11-159	Runs 1-2, sidetrack 1	2" = 100'	Tracing
	11-160	Runs 1-2, sidetrack 1	1" = 100'	Film negative
	11-161	Run 1	2" = 100'	Tracing
	11-162	Composite runs 2-3	5" = 100'	Tracing
	11-163	Composite runs 2-3	2" = 100'	Tracing
	11-164	Composite runs 2-3	2" = 100'	Tracing
	11-165	Run 4	2" = 100'	Tracing
	11-166	Run 4	5" = 100'	Tracing
	11-167	Run 5	2" = 100'	Tracing
	11-168	Run 5	5" = 100'	Tracing
	11-169	Run 6	5" = 100'	Tracing
	11-170	Run 6	2" = 100'	Tracing
	11-171	Run 7	2" = 100'	Tracing
	11-172	Run 7	5" = 100'	Tracing
	11-173	Run 8	2" = 100'	Tracing
	11-174	Run 8	5" = 100'	Tracing
	11-175	Composite runs 1-8	2" = 100'	Brown line print
	11-176	Composite runs 1-8 with lateral	1" = 100'	Film negative

Fish Creek test well 1 cont'd	11-177	Composite runs 1-8 with lateral	2" = 100'	Film negative
	11-178	Composite runs 1-8	2" = 100'	Tracing
	11-179	Cement top determina- tion 1	2" = 100'	Tracing
	11-180	Logs of oil sand	5" = 100'	Tracing
Kaolak test well 1	11-181	Run 1	2" = 100'	Brown line print
	11-182	Run 2	2" = 100'	Brown line print
	11-183	Run 3	2" = 100'	Brown line print
	11-184	Run 4	2" = 100'	Brown line print
	11-185	Run 5	2" = 100'	Brown line print
	11-186	Run 6	2" = 100'	Brown line print
	11-187	Run 1 lateral	2" = 100'	Film negative
	11-188	Composite runs 1-6	1" = 100'	Film negative
	11-189	Composite runs 1-6	1" = 200'	Film negative
	11-190	Composite runs 1-6 and 1-4	2" = 100'	Film negatives
			and 5" = 100'	
Meade test well 1	11-191	Run 1 - Cement top determination	2" = 100'	Film negative
	11-192	Run 2	2" = 100'	Film negative
			and 5" = 100'	
	11-193	Run 3	2" = 100'	Film negative
			and 5" = 100'	
	11-194	Run 4	2" = 100'	Film negative
			and 5" = 100'	
	11-195	Run 5	2" = 100'	Film negative
			and 5" = 100'	
	11-196	Run 6	2" = 100'	Film negative
	11-197	Composite runs 2-6	2" = 100'	Black line print
	11-198	Composite runs 2-6	1" = 200'	Film negative
	11-199	Composite runs 2-6	1" = 100'	Brown line print
	11-200	Composite runs 2-6	1" = 100'	Film negative
Oumalik test well 1	11-201	Run 1	2" = 100'	Film negative
	11-202	Run 2	2" = 100'	Film negative
	11-203	Run 3	2" = 100'	Film negative
	11-204	Run 4	2" = 100'	Film negative
	11-205	Run 5 and 6	2" = 100'	Tracing
	11-206	Run 7	2" = 100'	Film negative
	11-207	Run 8	2" = 100'	Film negative

Oumalik test well 1	11-208	Run 9	2" = 100'	Film negative
	11-209	Run 10	2" = 100'	Film negative
	11-210	Run 1	5" = 100'	Film negative
	11-211	Run 2	5" = 100'	Film negative
	11-212	Run 3	5" = 100'	Film negative
	11-213	Run 4	5" = 100'	Film negative
	11-214	Run 5	5" = 100'	Film negative
	11-215	Run 7	5" = 100'	Film negative
	11-216	Run 8	5" = 100'	Film negative
	11-217	Run 9	5" = 100'	Film negative
	11-218	Run 10	5" = 100'	Film negative
	11-219	Composite runs 1-10	2" = 100'	Brown line print
	11-220	Composite runs 1-10	2" = 100'	Tracing
	11-221	Composite runs 1-10	1" = 100'	Brown line print
	11-222	Composite runs 1-10	1" = 200'	Film negative
	11-223	Composite runs 1-10	1" = 100'	Film negative
	11-224	Composite runs 1-8	1" = 100'	Film negative
	11-225	Composite runs 1-8	2" = 100'	Tracing
	11-226	Composite runs 1-8	1" = 200'	Film negative
	11-227	Composite runs 1-5	1" = 200'	Film negative

East Oumalik test well 1	11-228	Micro log 1	5" = 100'	Film negative
	11-229	Gamma ray log 1	2" = 100'	Tracing
	11-230	Special run	2" = 100'	Film negative
	11-231	Run 1	2" = 100'	Tracing
			and 5" = 100'	
	11-232	Run 2	2" = 100'	Tracing
			and 5" = 100'	
	11-233	Run 3	2" = 100'	Film negative
			and 5" = 100'	
	11-234	Run 4	2" = 100'	Film negative
			and 5" = 100'	
	11-235	Run 5	2" = 100'	Film negative
			5" = 100'	
	11-236	Composite runs 1-5	1" = 100'	Film negative
	11-237	Composite runs 1-5	1" = 100'	Brown line print
	11-238	Composite runs 1-5	2" = 100'	Tracing
	11-239	Composite runs 1-5	1" = 200'	Photostat negative

Titaluk test well 1	11-240	Run 1	5" = 100'	Film negative
			and 2" = 100'	
	11-241	Run 2	5" = 100'	Film negative
	11-242	Run 3	5" = 100'	Film negative
	11-244	Run 4	5" = 100'	Film negative
	11-245	Run 5	5" = 100'	Film negative
	11-246	Run 2	2" = 100'	Brown line print
			and 5" = 100'	

Titaluk test well 1	11-247	Run 3	2" = 100'	Brown line print
			and	
			5" = 100'	
	11-248	Run 4	2" = 100'	Brown line print
			and	
			5" = 100'	
	11-249	Run 5	2" = 100'	Brown line print
			and	
			5" = 100'	
	11-250	Composite runs 1-5	2" = 100'	Film negative
	11-251	Composite runs 1-5	1" = 100'	Film negative
	11-252	Composite runs 1-5	1" = 200'	Film negative
Wolf Creek test well 1	11-253	Run 1	1" = 200'	Film negative
	11-254	Run 1	1" = 100'	Film negative
	11-255	Run 1	2" = 100'	Tracing
	11-256	Run 1	5" = 100'	Tracing
Wolf Creek test well 2	11-257	Run 1	1" = 100'	Film negative
	11-258	Run 1	1" = 200'	Film negative
	11-259	Run 1	2" = 100'	Film negative
	11-260	Run 1	5" = 100'	Tracing
Wolf Creek test well 3	11-261	Run 1	2" = 100'	Film negative
	11-262	Run 1 Micro log	5" = 100'	Film negative
	11-263	Run 2	2" = 100'	Film negative
	11-264	Run 2 Micro log	5" = 100'	Film negative
	11-265	Run 3	2" = 100'	Film negative
	11-266	Run 3 Micro log	5" = 100'	Film negative
	11-267	Run 4 Micro log	5" = 100'	Film negative
	11-268	Run 4	2" = 100'	Film negative
	11-269	Run 5 Micro log	5" = 100'	Film negative
	11-270	Run 5	2" = 100'	Film negative
	11-271	Run 1 with lateral	5" = 100'	Film negative
	11-272	Run 2 with lateral	5" = 100'	Film negative
	11-273	Run 3 with lateral	5" = 100'	Film negative
	11-274	Run 4 with lateral	5" = 100'	Film negative
	11-275	Run 5 with lateral	5" = 100'	Film negative
	11-276	Composite runs 1-3	2" = 100'	Tracing
	11-277	Composite runs 1-5	1" = 100'	Film negative
	11-278	Composite runs 1-5	1" = 200'	Film negative

Square Lake test well 1	11-279	Composite runs 1-8 with lateral	2" = 100'	Film negative
	11-280	Composite runs 1-8 with lateral	1" = 100'	Film negative
	11-281	Composite runs 1-8 with lateral	1" = 200'	Film negative
	11-282	Composite runs 1-5 with lateral	2" = 100'	Brown line print
	11-283	Composite runs 1-3	2" = 100'	Film negative
	11-284	Run 3	2" = 100'	Film negative
	11-285	Run 4	2" = 100'	Film negative
	11-286	Run 5	2" = 100'	Film negative
	11-287	Run 6	2" = 100'	Brown line print
	11-288	Run 6	2" = 100'	Film negative
	11-289	Run 7	2" = 100'	Film negative
	11-290	Run 8	5" = 100'	Film negative
	11-291	Run 8	2" = 100'	Film negative
	11-292	Lateral	2" = 100'	Brown line print

Gubik test well 1	11-293	Run 1	5" = 100'	Tracing
	11-294	Run 1	2" = 100'	Brown line print
	11-295	Run 2	2" = 100'	Brown line print
	11-296	Composite Runs 1-3 (by Widco)	2" = 100'	Tracing
	11-297	Composite Runs 1-3 (by Widco)	1" = 100'	Film negative
	11-298	Composite Runs 1-3 (by Widco)	1" = 200'	Film negative

Gubik test well 2	11-299	Run 1	1" = 200'	print
	11-300	Run 1	2" = 100'	Brown line print
	11-301	Run 1	2" = 100'	Film negative
	11-302	Run 2	1" = 200'	Print
	11-303	Run 2	2" = 100'	Brown line print
	11-304	Run 2	2" = 100'	Film negative
	11-305	Run 3	1" = 200'	Print
	11-306	Run 3	2" = 100'	Brown line print
	11-307	Run 3	2" = 100'	Film negative
	11-308	Run 4	1" = 200'	Print
	11-309	Run 4	2" = 100'	Brown line print
	11-310	Run 4	2" = 100'	Film negative
	11-311	Composite runs 1-4	2" = 100'	Film negative
	11-312	Composite runs 1-4	1" = 100'	Film negative
	11-313	Lateral (?) run 2	2" = 100'	Film negative

Umiat test well 1	11-314	Run 2	5" = 100'	Tracing
	11-315	Run 4	5" = 100'	Tracing
	11-316	Run 6	2" = 100'	Tracing
	11-317	Run 6	5" = 100'	Tracing

Umiat test well 1 cont'd	11-318	Composite runs 2, 4,5,6,7,8	2" = 100'	Tracing
	11-319	Composite runs 2, 4,5,6,7,8	1" = 100'	Film negative
	11-320	Composite runs 2, 4,5,6,7,8	2" = 100'	Tracing
	11-321	Composite runs 2,4, 5,6,7,8	1" = 100'	Tracing
	11-322	Composite runs 2,4, 5,6,7,8	1" = 200'	Film negative
	11-323	Composite runs 2,4	2" = 100'	Tracing
Umiat test well 2	11-324	Composite runs 4,5	2" = 100'	Tracing
	11-325	Composite runs 7,8	5" = 100'	Tracing
	11-326	Temperature survey	2" = 100'	Tracing
	11-327	Composite runs 1-4	5" = 100'	Tracing
		and	2" = 100'	
	11-328	Composite runs 1-7	2" = 100'	Tracing
	11-329	Composite runs 1-7	1" = 200'	Film negative
	11-330	Composite runs 1-7	1" = 100'	Film negative
	11-331	Composite runs 6,7	2" = 100'	Tracing
		and	5" = 100'	
	11-332	Composite runs 1,2 (lateral)	5" = 100'	Tracing
	11-333	Composite runs 1,2	5" = 100'	Tracing
	11-334	Composite runs 1,2,3	2" = 100'	Tracing
	11-335	Run 3	5" = 100'	Tracing
	11-336	Run 5	5" = 100'	Tracing
	11-337	Run 5	2" = 100'	Tracing
	11-338	Run 6	2" = 100'	Tracing
Umiat test well 3 (Umiat core test 1)		and	5" = 100'	
	11-339	Run 1	2" = 100'	Tracing
	11-340	Run 1	1" = 200'	Film negative
	11-341	Run 1	1" = 100'	Film negative
	11-342	Run 1 (?)	5" = 100'	Tracing
Umiat test well 4 (Umiat Ruby 1)		and	2" = 100'	
	11-343	Run 1 (Widco)	2" = 100'	Tracing
	11-344	Run 1 (Widco)	1" = 100'	Brown line print
Umiat test well 6 (Umiat Ruby 3)	11-345	Run 1 (Widco)	1" = 100'	Brown line print
	11-346	Run 1 (Widco)	2" = 100'	Tracing

Umiat test well 7	11-347	Runs 1-2 (Widco)	2" = 100'	Tracing
	11-348	Runs 1-2 (Widco)	1" = 200'	Film negative
	11-349	Runs 1-2 (Widco)	1" = 100'	Film negative
	11-350	Run 2 (Widco) (incompleted)	- -	Tracing
Umiat test well 11	11-351	Run 1	5" = 100'	Film negative
	11-352	Run 1 with lateral	2" = 100'	Film negative
	11-353	Run 2	5" = 100'	Film negative
	11-354	Run 2 with lateral	2" = 100'	Film negative
	11-355	Run 2 special lateral	5" = 100'	Film negative
	11-356	Run 3	2" = 100'	Film negative
	11-357	Run 3 with lateral	5" = 100'	Film negative
	11-358	Run 4	2" = 100'	Film negative
	11-359	Run 4 with lateral	5" = 100'	Film negative
	11-360	Composite runs 1-4 with lateral	1" = 200'	Film negative
	11-361	Composite runs 1-4 with lateral	2" = 100'	Tracing
	11-362	Composite 1-4 with lateral	1" = 100'	Film negative
	11-363	Run 1 Microlog	5" = 100'	Film negative
	11-364	Run 2 Microlog	5" = 100'	Film negative
	11-365	Run 3 Microlog	5" = 100'	Film negative
	11-366	Run 4 Microlog	5" = 100'	Film negative
Grandstand test well 1	11-367	Run 1	5" = 100'	Film negative
	11-368	Run 1 Microlog	2" = 100'	Film negative
	11-369	Run 2	5" = 100'	Film negative
	11-370	Run 2 Microlog	5" = 100'	Film negative
	11-371	Run 3	5" = 100'	Film negative
	11-372	Run 3 Microlog	5" = 100'	Film negative
	11-373	Run 4	2" = 100'	Film negative
	11-374	Run 5 Microlog	5" = 100'	Film negative
	11-375	Run 5	2" = 100'	Film negative
	11-376	Run 1 with lateral	2" = 100'	Film negative
	11-377	Run 2 with lateral	2" = 100'	Film negative
	11-378	Run 3 with lateral	2" = 100'	Film negative
	11-379	Run 4 with lateral	5" = 100'	Film negative
	11-380	Run 5 with lateral	5" = 100'	Brown line print
	11-381	Composite runs 1-5 with laterals 1-3	1" = 200'	Film negative
	11-382	Composite runs 1-5 with laterals 1-3	2" = 100'	Tracing
	11-383	Composite runs 1-5 with laterals 1-3	1" = 100'	Film negative
Knifeblade test well 2A	11-384	Run 1	2" = 100'	Film negative
	11-385	Run 1 - temperature survey	5" = 100'	Film negative
	11-386	Run 2	5" = 100'	Film negative

PAMPHLET BINDERS

This is No. 1528

also carried in stock in the following sizes

	HIGH		WIDE	THICKNESS		HIGH		WIDE	THICKNESS
1523	9	inches	7	inches	$\frac{3}{4}$ inch	1529	12	inches	10 inches $\frac{3}{4}$ inch
1524	10	"	7	"	"	1530	12	"	9 $\frac{1}{2}$ " "
1525	9	"	6	"	"	1532	12	"	10 " "
1526	9 $\frac{1}{2}$	"	7 $\frac{1}{2}$	"	"	1533	14	"	11 " "
1527	10 $\frac{1}{2}$	"	7 $\frac{3}{4}$	"	"	1534	16	"	12 " "
1528	11	"	8	"	"				

Other sizes made to order.

MANUFACTURED BY

LIBRARY BUREAU

REMINGTON RAND

DIVISION OF SPERRY RAND CORPORATION

USGS LIBRARY - DENVER



3 1819 00611449 6