

Friday 6/18/15 Cordova

Messrs Brown, Porter & Forburg left about 4:10 A.M. in F's launch for Katalla. Fred Schrenger, Oscar Bredin & I will leave early tomorrow morning on the Northland.

Have been getting a few accounts settled, and all the freight at the dock ready to go out in the morning.

Rec'd a letter from Laur today.

Sat. ~~6-18-19~~ -15 Chilkat

Left Cordova on Northland this morning at 1:30 & reach here about 5:30 P.M. Voyage in a little rough. We intended to land at Ryan's ranch but boat did not stop close to there and the place tooked [sic: took] pretty barren of wood & water so we landed on the other side where we put our supplies in an old oil well camp. We were about all in when all the supplies had been leitered from the ship to shore & carried to the house. Fred cooked us a good supper, on one of the fishermen's stoves in another house, which brought us back to life again. - Phoned to Katalla to see if Brown had arrived but no one had seen him.

Sun. ~~6-19-20~~ -15

Phoned Katalla again regarding Brown & the others but could get no trace of them. Hired the Launch Pioneer, Cap. Orr, to go to K. and from the cut to look for Brown, etc. We went to K. & there phoned to an oil well about 8 miles up the coast. The man there reported a strange object out on Little Bar which he though [sic: thought] might be them. We headed for there and found them high up on a bar where the tide at the day before had left them. They had been there then about 20 hrs. they had plenty of food but were just out of water. We brought them some water.

The Pioneer ran on a bar twice and then her engine broke down so the lost launch had to pull her in to Katalla.

We stay in K. tonight. All in party were feeling good even to G. - - Fine weather.

Mon. 6/21/15

This morning Mr. Gray, Brown, Capt. Porter & myself went out to Martin Point on the gas car. The store house & junk yard for the Alaska Pacific Ry. & Terminal Co are located here & we went out to some old 16# & 20# rails & other construction tools that might be used on the Alaska Ry. - - We left Katalla about 3 o'clock for camp at Chilkat, were following a boat that was going up the Bering river. We got in about 5. Fred & Oscar were mighty glad to see us again.

Tonight we settled camp in good shape - - Fine weather

Tues. 6-22-15

Brown, Pete, & Oscar & Capt. Porter went to Katalla in the Launch this morning & returned about 9 tonight, bringing Paul Lu Chini with them to be the seventh man of the party. He is very good appearing & acting young fellow. - They left Capt. Porter at Katalla to take an inventory of the A. P. Ry. & T. Co's second hand construct - ion material. - - Fred & I kept busy fixing up around camp. We brought th [sic: the] big leather covered desk from the red house over to the office.

Brown liked the looks of thing when he came in tonight. Eevery [sic: every] one in camp is feeling good tonight - - Fair High wind

Wed. 6-23-15

All worked around camp. Pete worked on his boat & Brown & I worked in the office. I figured out a tide table for Controller Bay.
Cloudy, no rain.

Thur. 6-24-15

All worked around camp as yesterday. - - Unreeled a 2600 ft. tape that Brown found in one of the sheds. It is like an ordinary steel tape only numbered every 50 ft. It is quite rusty so we rubbed kerosine [sic: kerosene] on it & cut off the first 1000 ft. - - - Wrote to Alf. tonight. - - Fine day.

Not many salmon in the nets today. Strong tides destry [sic: destroy] nets.

Fri. 6-25-15

Mr. Brown, Pete & Paul went to Katalla in the Launch via Wingham Is. & Kanak Is. They did not get back until 11:30 tonight. They tried to take the outside passage from Wingham to Katalla but the waves were too high so they had to come back the inside passage & then out to K. - - - Oscar & I cleaned the long tape, helped the cook get another stove in, planed some boards for numbering the pipe boys we are going to put in. - - - Fine weather

Put up flag pole & raised the flag.

Sat. 6-26-15

All the party stay in camp. Pete & Oscar worked on Pete's boat changing the steering [sic: steering] gear, by lengthing [?] the rudder yoke. - - Paul & I rubbed the long tape a couple times. - - Fred Paul & I spent most of the afternoon getting the Evenrude [sic: Evinrude] to work. All that ailed it was a loose spring between the magneto & spark plug. - - Paul & I walk down the road tonight & saw two old oil wells. One had a very little gas coming [sic: coming] out of it and the other had a heavy thick mollases [sic: molasses] like mixture in it. - - Fine weather. - - - High tide tonight At 10 P.M. We could read a news paper out doors.

Sun - 6-27-15

All of us went to Katalla this morning and stopped at Kanak Island to look for a place for Captain Porter to camp. He will establish an observation station there. He & Mr. B. decided on a shack near the old tank for a camp He will observe the wind, rain - fall & tides. - - - We reach [sic: reach] K. about 2 P.M. & left about 9:30 P.M. - - Town is very quiet. While the rest of the bunch were getting a bath I played pool with Misses Julie Durkee & Nellie DuVall. - - -Most every one of us swore that K. was very inhospital [sic: inhospitable] but I was not surprised. - - Troubles were drowned in the bowl. Fine day. Plenty of nats [sic: gnats].

Mon -6-28-15

Walter Todd Diary A; June 1915-November 1915.

All worked together to get Captain located in his new quarters on Kanak Island. -
- We cleaned the shack, cut some wood and got a good store of provisions in. - - - Had
wind & rain today. Had to stop twice coming [sic: coming] home, once to fill gasoline
tank & once to put oil in crank case. - - Choppy sea.

Tues -6-29-15

Brown, Pete & Paul went to Katalla after dinner. - - Oscar & I worked at cleaning
the tape & making a reel to wind it on. - - The boys did not come back tonight. - Fair
day, little rain.

Wed. -6-30-15.

B., P. & P were away all day. Oscar & I worked on putting marks on tape. Its a slow
job. We got about half done - - - Fair this morning & rainy afternoon with rain & wind
tonight.

Th. -7-1-15

Brown, Pete & Paul did not come back today. - - - We finished marking chain,
greased it & rolled it up. - - Fred & I left camp at 3:20 P.M. in his boat with Evenrude
[sic: Evinrude] to take payroll to Strawberry Point where Paul met us & took it to Katalla.
We run on the flats coming back & started to come up the north channel when the engine
broke. We beached boat, walked to camp, got supper & went back with some supplies
for Capt. Porter. Hung up on flats several times & finally got out in main channel &
came home. Too foggy to go to Capt's. Arrv'd camp Midnight. - - Foggy & rainy all
day.

Fri. -7-2-15

Fred & I went over to Capt's this fore noon. Went at low water & run on to the
flats going & coming [sic: coming]. Found Capt. all O. K. - - - - B. P. & P. came back
from K. tonight. The boat is going back tomorrow P.M. with whole party to dance. - - - -
B. F. & P. took joyride in Eevinrude [sic: Evinrude] tonight. - - - I made some
adjustments on transit this P.M. - - - Have stiff back tonight. - - Letter from Polly today.
Relates a little of her past encluding [sic: including] her experience in matromony [sic:
matrimony]. - - - - Fine weather.

Sat. - 7-3-15

All of party except myself went to K. to the dance tonight. Was too stiff in the
back to dance & scarcely to walk about. - - - Painted figures on tide gage [sic: gauge]
board. - - Am alone tonight. Fair nearly all day, little rain.

Sun. -7-4-15

Party came back from K. about 8:30 A.M. Brown reported a good time at the
dance. All stayed in doors. - - Rained nearly all day. - - - Am feeling pretty good
tonight.

Mon. 7-5-15

Set Tide Gage [sic: Gauge]. Set zero on gage 5'4 below mean sea level as given by Geo. S. B. M. set in rock just above camp. - - - Paul & Oscar went up the river in Evinrude to get logs for wood. - - - I tried to get some evergreen saplings for channel markers but found those available near camp poor for this purpose. - - - Fred, Paul & I picked about 6 qts of Salmon berries between 9:15 & 9:45 tonight

Fair, slight rain.

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Tues. -7-6-15

Made new model of tide gage [sic: gauge] to put over on Kanak Island (diagram of tide gage [sic: gauge] and how installed)

We will put these in at a variation of 2' from low water to high water.

Heavy wind today. - - Pete's boat broke it's anchor rope & drifted over on the flats. He got a launch that was here went out as near to it as he could get then went to it in a dorry [sic: dory]. It was not harmed & he ran it in back of the island & tied it up. - - The fishermen had trouble with their boats & nets. - - - Little rain.

Wed. 7-7-15

Dragged for Pete's anchor & found it. - - Got some old dock timbers up for wood Oscar & Paul went after it in Everude [sic: Evinrude] & at 12 o'clock Pete & Brow [sic: Brown] went after them. They got back at 2. P.M. - - - Picked Salmon Berries at 9:30 tonight. - - - Fair weather.

Thur 7-8-15.

The whole party went over to Kanak Is. Oscar & I were put off at Point Hey to find a Gov. Geo. S. B M. & sight across to Kanak Is, could not find it. Oscar & I went back to Capt Porter [sic: Porter's] camp stopping on the way to get some tools the launch left at the point of K. We were late in getting in. Others were all there but done dinner. We ate. & then B & I hunted up two BRR.R. Location monuments. - - - Paul, Brown, Capt. & Pete went to K. in launch & Oscar, Fred & I set some tide gages [sic: gauges]. - - - Launch got back at 11 P.M. & then We came back to camp. Brown has planned a big picnic for Sunday & Kanak Is. Fine day.

Fri. -7-9-15

Got into camp at 2 A.M. = Fred cooked some supper. I went to bed without supper but the people were happy below until 3 A.M. - - Breakfast at 10 A.M. - - Got old U. S. N. boat out of slough & loaded pipe on it to take to Kanak for channel markers. - - - Fixed anchors & floats, & Oscar fitted up some tools for Capt. Paul & I cut some wood. Got. cks. today.

Fine weather.

Sat -7-10-15

Loaded all our beds & some grub & phonograph aboard the launch, and fastened

the load of pipe and Fred's boat on as a tow and were off for Capt. Porter's camp on Kanak Is. for a picnic over Sunday. Left Chilkat about 10:45 A.M. Mr. B. thought we might make a permanent came [sic: camp] at Kanak. - - - Packed the bedding etc over about 100 rods of beach to the cabin - - - B., Pete, & Paul went to Katella in launch this P.M. - - - Oscar, Fred, Capt. & I cleaned out shack, made a table & decorated shack for tomorrow. - - - Fine weather.

Sun. -7-11-15.

Oscar, Fred & I finished decorating. We used Ash & Fir boughs in the corners, etc., had a small fir tree each side of the door outside & had 2 of Fred flags hung up. - - Fred "laid covers" for 12 which proved to be just right. - - - The bunch arrived from K. about 11:30 - - The guests were Mr & Mrs Dr. Payzant[?], Judge Thompson, Mrs. Thompson, Mrs. Lucchini & Archie Balder - son. - - - Mrs P. & Mrs. T. were very jolly people. Mr. B. seemed to be the popular man of the day. - - Punch - for all at noon & Scotch for the men anytime was served. - - Strawberry picking was the entertaining feature of the day. Few berries were found, however. - - - Mr. P. received special notice for the close watch he kept on his wife. - - Took several pictures. The crowd left for K about 9 P.M. - - All declared they had a good time.

Fine weather.

Mon. - 7-12-15

Made a couple adjustments on the instrument. Dug a new well for Capt. Porter. - - Brown, Paul Fred came back from Katalla this afternoon. - - Pete had trouble with the engine last night & B. "called him". Pete went to Cordova. He said he would buy a new launch & engine.

Fine weather.

Tues. -7-13-15

Set balance of tide gauges this morning. - - - Packed up our beds, etc. & came back to Chilkat. Brown decided the beach is too wide at Kanak to make it a good camp. - - - Had trouble with engine but between the crowd they got it to run. - - - After dinner about 3 P.M. Paul & I took the evenrude[sic: evinrude] up Campbell river to find some stakes on the Ryan Line. We found none. Oscar cleaned out the launch after noon.

Fine weather.

Wed. -7-14-15.

Oscar & I went up Nichawak River to find the Ryan Line we went up too far and after tramping through the sloughs & woods all the afternoon we found nothing and started home Just as we got into deep water we saw a stake on the bank which was the one we were looking for, Got home about 8:30. - - - B. & P. went to K. with one of the fishermen in his launch. - - Paul & Walter, the fisherman; tried to get Pete's boat to run but could not get it started. & in trying to fix it broke a bolt. - - - Fine day.

Thur. -7-15-15

Waited to get a phone call from Mr Brown until noon but got none then Ocar [sic:

Oscar] & I went out to hunt the Ryan line. Went up a slough about 2 ½ miles then came back a ½ mile looked around but found only a B. R. R. mile post. - - - Brown came back with the Government Surveyors from up the River & went on up with them & Dougdale [sic:Dugdale]. badly under the so said the cook. - - Paul came back with Walter. - - - Fred was pretty sore tonight.

Fine day.

Fri. -7-16-15

Oscar & I mushed across from Ryan's Camp to where we thought the line ought to be but found no indication of it. Ate lunch at Ryan's camp and went up the Nichawak River in the Evenrude [sic: Evinrude] and looked for indication of the line but found none but some cutting & an old stake. I concluded to run this out. - - - Brown mushed in from up river carrying his bed. - Paul had got the engine in the launch working again & he & Brown went to K - - - B. phoned in tonight & said he would have "Carl" look over the engine tomorrow & would try to get home before tomorrow night. - - - Fine day.

Sat - 7-17-15

Oscar & I ran the line from Mile Post 19 Run it on the line of the old stake & cutting. Bearing is about N21°50'E. Variation 29°. Ran a little over a mile to edge of first large slough but found no stake & no old cutting after we were 600' from starting point. - - - Brown did not come back or phone.

Cloudy day.

Sun. -7-18-15

Fred & I washed clothes this forenoon & went over to see Capt. Porter this P.M. - - - Capt. wants some one to get some good wood for him. He says the drift wood is no good. We took him some fresh water. He seems to get lonesome. - - - Brown did not come back or phone. - - All the fishermen left this morning on the early tide. - - - Fine day.

Mon. -7-19-15.

Oscar & I started to run out the line we were on Sat. but when we were coming back to the boat to cross the slough we noticed another line and followed it up & concluded it to be the located Ryan line. I followed it back to Nichawak River & found it about 80' downstream from Mile Post 19 on CRy & NCo. line We followed it south about two miles. Found it well marked by hubs. & stakes. - - - Brown & Paul did not come home. - - - Brown phoned to Fred that he had "canned" Pete & to have Arnold either go to K. or phone there to him. Find day. - - We swam a slough this P.M.

Tues. -7-20-15

We got out early today. to have high tide to go up Campbell River to catch the line coming to the bay. The pump would not work so we came back & overhauled it & cleaned it out. Tide was too low then so Oscar & I took some wood & water in the boat & went over to Capt. Porters. Stayed there until high tide & floated some more wood down from the tank for the Capt. Got ten gals. of Gasolene [sic: Gasoline] from Fred

Arnold tonight. - - Brown came down from Katalla with Paul & wife Dr. P. & wife Mrs. Thompson. - - - He stayed 1 hr. & returned to K. He was under the Fine day. Foggy A.M. Mail from Laur & home.

Wed. - 7-21-15

Oscar, Fred & I left camp for Capt. Porter's at 6 A.M. We left Fred there & we went up Campbell River to catch the Ryan Line & carry it to the edge of the bay. We found hubs on each side of the river at Mile Post 23. The last hub we set was on the bank of a river near Ryan's shack. - - - Eevenrude [sic: Evinrude] went dead on us just before we reached the mout [sic: mouth] of the river & we rowed to camp. Got new spark plug here & put Cap's trunk in boat & went back to his camp. Machine would not go foreward [sic: forward] on last part of trip but backed fine so we back in. - - - Got Fred & started home about 10 P.M. Fog settled and we had to anchor for the night. - Stayed here from 11:30 to 4:30 7/22 when tide rose & lifted us off. Oscar & I rowed home, about 4 ½ mis.

Fine day but a little hazy.

Thur. - 7-22-15

Slept this forenoon and stayed in camp doing odd little jobs this P.M. Cleaned engine, made sawhorse for driving pipe & shaved. - - - Brown & Paul came back from Katalla this evening with Otto Coppen's boat. and brough [sic: brought] a derry [sic: dory] & a new Evenrude [sic: Evinrude]. Evans a Government man was with them but went on up the river. still & cloudy.

Fri. - 7-23-15.

Moved from old boarding house into red house. Fine day. Lots of nats [sic: gnats]. Wrote to Vera tonight. Had letter yesterday from Alf. enclosing one from John White. He says Bell reports 15000 acre feet of water in reservoir now. Colo. is prosperous.

Rec'd compass yesterday.

Sat. -7-24-15

Brown, Paul & I went over to Kanak Is. and after dinner we went up Okalee Channel to about the intersection of it with the Ryan Line then followed the line as far as water would permit & came to camp. We were trying to form some idea of the best plan for sounding the channel. - - - Oscar stayed in camp. - - - We took two thermometers over to the Captain. One Max & one Min. - - - Fine day.

Sun - 7-25-15.

All home today. Paul went Katalla this P.M. to get some cylinder oil for Evenrude [sic: Evinrude]. - - - - Wrote to Laur. - - - Fine day. Made carrying case for compass.

Mon. -7-26-15.

Otta Coppen came down from up the Bering river to put in a few days working with us with his boat. He has a 30' covered Columbia Boat with a 9 HP engine. - - - Fog hung

heavy this forenoon & afternoon rose a little so we went over to Capt's & then took 2 pipe over in the Okalee Channel & drove them in, one at what we thought was the neck of the channel & one on what seemed to be the point of a spit where channel divides. Heavy fog tonight. - - - Stuck coming home at N. end of marked channel. - - - Ed, Otto's pardner [sic: partner] came down in an Eevenrude[sic: Evinrude] & stayed here tonight

Tues. 7-27-15

The whole party left about 9:30 this forenoon for Kanak Is. to put some channel markers along edge of Okalee Channel. Fog hindered so we got in only three pipe. At 4:30 fog was so thick we could not see more than 1500 ft. Had to come back to Island by compass. - - - Stayed at Captain's tonight.

Wed - 7-28-15

Heavy fog this morning & some fog all day. Brown, Paul & I dug three buckets of clams this morning. - - We left camp about 10:30 to put in a few more channel markers. We got five more set, making six on the north side and two on the east side. There seems to be plenty of deep water for a harbor east of Ryan's Line. - - - Came back to Chilkat tonight. Brown got phone that a government man from Anchorage is in Katalla.

Thur. - 7-29-15

Brown, Paul, & Ed started for K. & Oscar & I started for Ryan's flats but heavy fog drove us back. - - - Otto & Ed went up the river in launch & B & Paul went to K in Fred's boat this P.M. - - Oscar cut wood - - - Put ladder at end of wharf. Storm seems to be brewing "from Seward" - - - Foggy all day. I washed AM & painted numbers on some channel markers P.M.

Fri. -7-30-15

Oscar & I left camp at 11 A. M in Evenrude [sic: Evinrude] for Ryan line where we set last hub just N. of creek before line hits the bay. We got over there at 3:30 Had hard time keeping channel coming over flats. - - - Ran line on out into bay about $\frac{3}{4}$ mile. Found a 6" pipe with plug used as C. R. & N. Co. Terminal Pt. Our line ran 0.8' E of it. - - We started back about $\frac{1}{2}$ hr at tide started to fall & stuck on mud flats. Trid [sic: Tried] to get boat off but gave it up & camped in old shack for the nigh[sic: night].

Foggy today.

B. & P in K. Otto came down & went into K.

Sat - 7-31-15

Oscar & I got out on the 3 A.M. tide & reached camp at 6:30 - - Had some engine trouble. - - - Slept until noon Worked a little around camp this P.M. Brow [sic: Brown] & Paul in K. No phone.

Cloudy. North wind tonight

Sun. Aug. 1-15

Storm from Northeast all day. - cool rain. - - - Brown & Paul in K., B. phoned

they would be home today but they did not come. Storm must have prevented.

Mon. -8-2-15.

Pretty stiff breeze today. Oscar & I cut wood & I also clean transit a little. Brown & Paul & Otto came back from K. about 6 P.M. - - - Letters from Cordova indicate that Pete did the party all the damage he could by telling all the scandal he knew & a lot he did not know. B reports that P has done no damage however to the party.

Tues. -8-3-15

Oscar, Paul & I went over to flats opposite the channel markers we put in Okalee Channel, set two hubs for a base line & took angles to pipe. Read angles from hub "A" only & then on only 1, 2, 3, 4, 5 & 8; 6 & 7 were gone. - - - Waves were high & had hard time keeping sight of boat. Reached home at 8:15. All wet. Calm this A.M. & windy P.M.

Wed. -8-4-15

Oscar, Paul & I started to finish triangulation job but after leaving Capt. Porters camp the clouds came up so thick I thought It would not be safe to be out & risk getting caught in a storm so turned back to Capt. Porters & ate dinner there & got some wood up for him. - - Capt. was pretty lonesome. Calm A.M. & windy P.M. Came to camp from Capts in just 1 hr tonight. - - - Brown went to K. today with Otto.

Thur. - 5 - 15

We went out & finished the triangulation although the clouds were heavy all day & there was a fog most of the forenoon. Stopped at Capt's this morning with water & grub. - Brown in town. - - No boat

Fri. -8-6-15

Started traverse from Ryan Line east along shore. Last hub 69+25. Run stadia meander from trav. hubs. - - - Machine refused to run tonight. We rowed home. Got to camp at 9:15. - - - Fine day. Stopped at Capts this morning & left photo material & bread. B. still in K. - - Boat in tonight

Sat. -8-7-15.

Cleaned engine this morning. - - Rain started about 9: A M. so we stayed in camp. - - B & Otto came in this morning about 8:30. - Letter from Mother, from Willis & card from Rheto. - - - Worked on notes & started map - - Oscar made a sail, P. worked in camp & went to K tonight in Freds boat. - - - Rain nearly all day. Wind tonight.

Sun. -8-8-15.

High northeast wind. Nothing doing Wrote a few letters. All in camp.

Monday -8-9-15

High northeast wind & rain. Could not get out Oscar made sale [sic: sail]
All in camp.

Tuesday -8-10-15

Stormy. Could not get out to work. Wind & rain. - - All in camp. - - - Oscar worked on sail & finished it. Afternoon he, Paul & I put top on front of boat. - - All in camp. - - Otto & Ed came in from up the river. They went into Katalla tonight

Wed -8-11-15

Threatening clouds this morning. So we did not go out. Otto came back this noon with Mr. Thompson & Mr. Walker who were going up to the Coal Fields Survey Party

Mr. Brown went in to K., P.M., Oscar & I taking him to "Pete's" Point & then we went over to Capt.'s. - - - Pump did not work good & by time we got it fixed a storm had come up which prevented us from going back to camp so we are staying with Capt. tonight. Hard wind & rain.

Thur. -8-12-15.

Hard wind & rain from northeast. Velocity of wind 36 mi. max. Played cards, read & cut a little wood for Capt.

Fri. -8-13-15

Storm continues could not get away. 25 to 30 mi. wind.

Sat -8-14-15.

Storm continues.

Not very hard up to 10 A.M, & from then on a 25 to 30 mi. wind

Sun. 8-15-15.

Storm pretty well settled. - - We hauld [sic: hauled] the boat down to edge of water from up on high beach. - - Sailed & motored home. Got home at 12:30. Fred & Paul were here Fred had worried considerable about us. Was prepared to start for us if we did not show up. B. in K. called up. Said he would try to get out tomorrow. 12 ft tide on gauge at camp today. Paul cut wood & fixed phone line while we were gone.

Mon. 8-16-15

Threatening clouds so we did not go out to work. Oscar & Paul cut wood & repaired bulk head in front of door. - - I figured out tide table.

Did not rain much. B. in K.

Tues. 8-17-15

Oscar, Paul & I went over to Capt's & to work on flats near Stuart river. We were stuck on flats several times & did not get in to the river landing before 12:30. Went around lakes & sloughs & came to a river we could not cross so came back starting back at 3:30 - - - Engine would not start so we sailed home with a good wind.

B in camp tonight
Letter from Polly & C,
from Vera.

Wed. -8-18-15

Planned to go over to Capt's. and then over on Ryan's but prepared to stay over a night or two & finish the traverse over there. But wind & rain prevented. - - - I went up the trail & came back by way of the flats & look for ducks but saw none. Got wet. - - - Oscar & Paul cleaned log house upstairs & repaired stove for Mrs. ??Schringer?? B. in camp.

Thur. -8-19-15

Fine day. - - Took several pictures of camp this forenoon. - - Otto came down this A.M. He & B & Fred went over on the flats hunting ducks P.M. - - Got 12. - - Otto, & B. went to K. tonight. - - - Oscar, Paul & I went in Evinrude to Capt's and then over to Hub "B" on Base Line where we set a sight. From there we went to Edwards River & tried to read two angles for triangulation but could not see sight from one. We camped in the shack near river tonight.

Friday -8-20-15.

Oscar got out at 3:30 to shoot at geese but got none. We ran traverse up to first big slough beyond Edward River. Here ran baseline to left & read angles to Hub B. on baseline. Got through at noon. P.M. stake channel. Paul got four ducks. - - We started out for Capt's at 6:15 but engine refused to work. We tried sailing but could make small progress against head wind & tide & the clouds hung heavy in the West, so we return & stayed over night in shack again. - - - Had a duck supper, one duck apiece. They were fine. Had no knives or forks. Ate the last crackers this noon but duck, bacon & cocoa made a fine supper. Went to bed on the floor again. - - - Took some pictures today.

Sat. -8-21-15

Had two ducks, bacon, & cocoa for breakfast. Tried to find trouble with engine but she would not run. Left river at 10:15 A.M. for Capts. rowed all the way, no wind. - - Got dinner there. - - - Capt. gave me letter for Mr. B. We rowed & sailed to Chilkat in 1 hr 40 min. got home at 6 o'clock,
Rain since 5 P.M. No wind to speak of.
Otto & B got home tonight.

Sun. -8-22-15.

B & Paul walked to K. this A.M. to bring out the "White Elephant" which Pete sold to Dave White & he repaired. - - - Fred, Oscar & I alone. Had big roast duck dinner. - - I wash & bathed. - - Andy Mayer came over from Ryan's where he has been hunting. Fred & I went back with him in evinrude. He is a fine fellow. Ryan has a fine camp. He has map of all lines run on flats. - - Rain & wind all day. Wrote to Polly.

Mon. -8-23-15

Northerly wind & rain all day. - - - B & Paul have not returned from K. - - -
Cleaned & started engine. It worked good. - - - Oscar & I made a camp stove of coal oil
cans. - - Put Sibley stove in office in place of coal stove. Fred made a grub box. - - -
Storming tonight.

Tues. -8-24-15.

N. Wind & rain all A.M. & after 6 P.M.

Oscar & I took grub & mail & a barrel over to Capt's this P.M. Capt. is not
feeling very good. - - - - Too much storm for B. & P. to come out.

Wed. -8-25-15.

Northerly wind & rain all day - - - No work. - - - Otto & Eddie came from up
river & went to Pete's Point & on in to K overland. Took lunch here. Too stormy for B.
& P. to come out.

Burned hole through floor under stove tonight.

Thur. -8-26-15

Northerly wind & rain. No work. - - - - B. & P still in K. - - - 12' tide at camp. -
- Repaired hole in floor & put up stove. Put 12" of dirt under it.

Fri. -8-27-15.

Cloudy, little wind A.M. no wind P.M. Oscar & I cut some wood this morning
and left camp at 11 AM for Ryan's flats to read an angle on traverse line. Hub was under
high water so we went on up the shore to Okalee spit When we got back water was down
so I could get to hub & read angle. Reached camp about 7 P.M. - - B. & P. came back
from K. this P.M. They brought "The White Elephant", Pete's old launch & a canoe. No
mail.

Sat. -8-28-15

All the party went to Katalla in The White Elephant. We got into the boat about
10 A.M. She refused to start at first and it was 12 before we got under way. We ran to
within about two miles of Strawberrie Bar when she stopped not to start again. Paul & I
went to the phone at Pete's Point in a canoe and phoned to Otto to come after us. He
reached us about 5:30 & we got into K about 7 P.M. - - - - Brown said he would not take
her out again.

Cloudy & rain tonight.

Sun. -8-29-15.

The boat from Seattle came in last night. It brought the mail. Received a good
letter from Rheto & a letter from Jules. Also one from Laur & one from Alf. & one too
from J. B. Saxton of Fort Simcoe. - - - - Otto thought he would not get away today so I
concluded to walk out. He took me up the slough to the Refinery & showed me the way
over. - - - There is a graded road all the way after the tramway out from the Refinery is
left Most of the way it is cardray?[cordray] or plank, about three miles on this end is
pretty well overgrown with brush. - Had a fine walk. Saw three porcupine. - - - - Hit

camp at 4:10. - - Bailed out the boats rowed up and got the wood we cut & cooked supper.

Rainy & cloudy.

Mon. -8-30-15.

Fine day. Checked up map of north shore of Bay that our traverse line ?falled?. Found error of about 30 minutes. Corrected. Bearings do not ck. with C. & G S. map. I scaled off bearing of Ryan's line on his map & assumed it to be correct then plotted [sic: plotted] from it as a base as the traverse was started from there. Otto brought the bunch back from town. They got into camp at 1:30 P.M. Otto went up the river B. P. & I went hunting ducks on Ryan's flats. We got 13 B. got 2 P. got 4 I got 7. - - - Motor went back on us after we started home & Fred & Oscar came out & picked us up with Freds boat & towed us in. - - Fred is sick tonight.

Tues. -8-31-15.

Stayed in camp A.M. Otto came down about 1 P.M. - - B packed up to go to Cordova & from there up the Copper River Ry to see the damage done by storms along the line & then to come back over the Charlotte Lake Line as far as Martin River where he will meet Paul with a canoe & come down the river. - - - Oscar & I brought our beds over to Capt's to stay over night & get up some wood for him while he went to Katalla. - - - Fred went in to get his wife who came to K. Monday.

Fine A.M. Cloudy & light showers P.M.

Wed. -9-1-15.

Oscar & I on Kanak Island. Rain & high northeast wind, 42 to 45 miles per hr. nearly all P.M. continues tonight. No one back from Katalla

Thur. 9-2-15

Northeast wind & rain nearly all day. Wind easy tonight. Sawed some wood in the West room of shack this P.M.

Fri. -9-3-15

Rainy A.M. Cloudy until 8 P.M. Wind 10 to 12 mi. in N E. We cut & split wood in house. - - I went hunting P.M. but got nothing.

Oscar made a "Jungle Stew" for supper.

Sat -9-4-15

Otto came to the island with the boat. Left Capt. We came on over to Chilkat. - - Fred's wife was on the boat. She is to cook for us. Fred to work in field. - - - Otto went on up the river. Brown leaves for Cordova today. Paul started from K. with canoe & provision for up the Martin River to meet Br. when he comes back. Fine day. Cloudy, Rain tonight.

Sun -9-5-15.

Cloudy all A.M. Rain P.M.

Fred got a new stove that he bought in K. up last night. He is greatly pleased with

it. - - Made a big baking today. Had a fried duck dinner. Wrote to Laur.

Mon. -9-6-15

Northeast wind, rainy cloudy all day.

Cut wood. Fred worked, Spent the day in camp. Oscar & I crossed the river to Ryans to deliver a message to Ben Durkee who was over there on a hunting trip. Motored over but engine stopped running just before we hit shore & refused to start again. We borrowed a little sail, rowed up the river a ways & sailed over. Otto & Eddie stopped on their way down to K. Otto left three wild geese. - - - GW. Evans & his cook were going down. Evans has been up at the coal fields making some observations. Could not get Evinrude to start this P.M.

Tues. -9-7-15

Beautiful day. Westerly breeze P.M. Clear tonight. - - - Got motor running this morning, tried it by going over to Ryans & getting Dugdale & Fred Arnold to come over to a goose dinner. - - Took them to Pete's Point with motor boat after dinner. They had to get in this P.M. Oscar & Fred cut wood. Got a good lot up now. Got two maps of Fred Arnold.

Wed. 9/8 /15

Oscar, Fred & I left camp with canoe in towe [sic: tow] of motor boat loaded for a three or four days trip up the Bay near Okalee Spit to run a stadia line along shore. - - We reached Capt's at 11:30 & left at 11:45. Reached cabin at east end of Okalee Spit at 3:15. Reached it through Kuinlatah Creek fresh water slough (side note: Kuinlatah Creek) two (?) miles long. Found pretty fair cabin. - - - Lots of duck. Fred got two & I got two before night. Beautiful day, light westerly wind P.M.

Thur. 9/9/15

Got up at 5 A.M. very heavy dew. Started to work at 6:15. Ran about 2 ³/₄ miles of Stadia Traverse line along shore of Bay, starting at Hub "A" on Tri Base line & running southerly. Fred was boatman & Oscar rodman. Got back to camp at 5. - - - Fred got 2 & I got 2 duck before supper. Had fine duck supper. Has been a beautiful day.

Fri. 9/10/15.

Left camp at 6:30 - - Did not strike right slough to begin work so had to loose time getting started. We ran a little ove [sic: over] 1 1/2 miles of line. Got to camp at 5:30 - - - Have had lame back all day. Fred bad tonight. Have had fine day. Westerly breeze - - Little cloudy tonight. .

Sat. 9/11/15

Layed in bed all day with lame back scarcely able to turn over. Fred applied hot towels all day which seemed to relieve some of the pain. - - - Beautiful day. - - - Fred got a duck & a Heron this morning.

Sun 9/12/15

Walter Todd Diary A; June 1915-November 1915.

The boys got out early this morning packed up & helped me down to the boat where they had arranged blankets on a cot in the boat for me & we started for Chilkat at 6:15. Feeling a little better this A.M. but not able to walk alone. - - Heavy fog had to go by compass all the way. Stopped at Capt's a few minutes. Reached camp at 11:30 A.M. - - - Otto & Eddie were in camp with Mr. Walker who is going up the river. They left up river at 1 P.M. - - - Otto brough [sic: brought] oars, tent poles & pegs & auger from town.

Mon. 9/13/15

Feeling a little stronger today but am very weak & can just get around. Took pills last night that worked good today.

Heavy mist all day. - - Slight wind in Northeast.

Tues. 9/14/15

Misty & rainy all day - - Otto & Eddie came from up river & stopped until about 4 P.M. then started for Katalla to get Mr. Brown who phoned that he would be there. They went as far as Strawberry Point found the water outside too rough to venture out so came back & are staying here tonight.

Am able to hobble around today feel a little more limber tonight.

Wed. -9-15-15

Otto went up the river this morning but is not back tonight. - - - B. in K. Oscar & Fred fixed up the rigging to bore test holes & went over to Capt's this P.M. expecting to get out tomorrow forenoon during low tide to do boring. Mrs. S & I in camp tonight. - - - Am feeling better

Cloudy all day but no wind or rain.

Thur. -9-16-15

Otto came down at noon but did not stop for dinner & went on to Katalla. He expected to get back tonight but did not do so. Mr. B is still in K. Had fried duck for dinner & roast duck for supper.

Worked on map & notes most of the day. Am feeling better. Occasional [sic: Occassional] showers all day. No wind. Mrs. S. & I in camp alone tonight.

Fri. Sept 17, - 15

Otto came back from K. with Mr. B. & P They came by way of Capt's & got here about 2 P.M. The [sic: they] brough [sic: brought] a new canoe. - - Oscar & Fred came in about 7:30 from Capt's. They got down only ten feet with auger. Found hard black soil at bottom of hole into which they could not drill. - - - Paul preparing to go up river & up Shepherd's creek to Lake Charlotte to make camp for Mr. Brown who will come later.

Beautiful day. Cloudy tonight.

Sat - 9-18-15.

Paul goes up river Fred & Oscar towe [sic: tow] him up to Shepherd creek. Otto has to go to K. again. I start platting of Charlotte Lake line on back of profile.

Cloudy all day. Raining tonight.
Am feeling pretty good today.

Sun. -9-19-15

Cloudy & rainy all day. - - Otto came back from K. with two men for the Coal Fields survey. They were the topographer & his rodman - - They are here tonight.
Checks came today.
Am feeling pretty good tonight.

Mon. -9-20-15.

Otto took men up river this morning. Oscar & Fred took Brown to Pete's Point in boat, on his way to K. to get mail off on boat going west Fred & Oscar got up some wood P.M.

Fine day.

Tues. -9-21-15.

Beautiful day. Otto came down about 3 P.M. & went in to K. - - Oscar took boring outfit & went over to Capt's this P. M to get an early start tomorrow to put down some more test holes. - - - I put some topography on map of Charlotte Lake line. - - - Mrs. Schringer has a very hard headache caused by some rash back of her ear. She suffered from it yesterday last night & today.

Wed. -9-22-15

Beautiful day Quite warm. - - Mr. B. nor Oscar & Fred came back to camp. - - - Mrs. Schringer suffered from sore face again today. It's a little better tonight. Painted it with tincture of Iodine. - -

Found sulphur spring & got some water. It's a fine laxative.

Thur. -9-23-15.

Wind from N. E. rose this A.M. & tonight we are having a hard storm.

Otto came back from K. this noon with Mr. B & Dougdale. Fred Arnold followed with his boat & ~~went~~ took B. & Dougdale over to the point for a hunt.

Otto & Eddie got one of the noosy [sic: noisy] boats of [sic: off] of the slough to towe [sic: tow] up the river.

Mrs. S. is not much better. Her face pains her considerably.

Fri. -9-24-15.

Wind & rain all day. Otto & Eddie were here & are here tonight. Mr B. at Fred Arnold's.

Worked-on map some today. - - Mrs. S. suffering from sore head. - - - - Nelson, a fellow to whom Fred gave a stove was in to dinner & left seven ducks. Oscar & Fred at Island still.

Sat -9-25-15

Rain & light wind all day. Otto & Eddie went up river on the tide. Mr. B. &

Dougdale & Fred A. came back in Fred's boat & went up the river to hunt & get Paul. -
- Oscar & Fred got back from Island about noon. They They tried to come back on the
23rd but the storm was too hard. - - - The [sic: They] succeeded in getting down 17 feet in
one hole & 15 in another & drove a pipe down about 4' in the first hole. - - They had a
hard trip. - They say Capt. is acting queer, very cranky. - - - A Mr. Brown called up
from Cordova saying he was on a commission from the Alaskan Eng. Commission to
visit Mr. Brown camp at Katalla. He wanted to know how to get out from Cordova & I
told him, through Mrs. White, that the only way was by the "Waif. [illegible word]". He
said he would come as soon as he could find a way. - - - - Mrs. S. feels a little better
today.

Sun. 9/26/15.

Rain & wind all day. Mr. B. Fred Arnold & Dougdale [sic: Dugdale] came back
about noon & Paul came in a little later Paul brought 2 geese & 2 ducks. The other got
three geese & three ducks.

Mrs. S. better today.

Mon. -9-27-15.

Hard N. E. Wind & rain all last night & today about 40 m/hr. - - -

Oscar & Paul cut wood, I worked on the map a little inking the lines & shore line.
B. in camp all day. Mrs. S. much better.

Tues. -9-28-15.

Hard N. E. Wind & rain all day. - - - Otto & Eddie came down from up the river
where they had been camped two days. - - - I worked on map a little. B. in camp. -
Oscar cleaned Evinrude. Paul went hunting.

Wed. -9-29-15

Otto & Eddie & Brown & Paul went to Katalla this A.M. - - I went hunting A.M.
got nothing Weather settling today.

Thur. -9/30/15.

Cloudy & still Mr. B. called up from K. telling me he had engaged the Treiton to
go to Cordova for Mr. G. W. Brown and that he wanted me to bring the maps into K.
Oscar took me to Pete's Point & I walked to Refinery & went from there in row boat.
Treiton decided not to go & Mr. G.W. Brown arranged to come out on launch
Prospector. Brown & Dougdall [sic: Dugdale] were invited over to Willaby for supper.
About 8:30 Brown came over & got me to come over to a dance at the store. Mrs. W.,
Mrs. Thompson & Mrs. Poysant were the ladies & B. & I were the men. We dance and
& sang all the evening. Good time.

Fri. -10/1/15

Sat around Katalla all day. B. goes to goose supper at Thompsons tonight. Also a
little high life. - - - -

Fine day.

Mr. G.W.B got to Chilkat at 5. P.M.

Sat. -10/2/15.

B & I came to Petes Point where we met Oscar & boat. We went out in channel where Oscar had left the *Prospector*. Mr. G.W. was aboard. We went over to Capt's camp & took him on after 12 oclock & went up the Okalee channel to about stake #1 where the dock is proposed by Mr. B. Mr. G.W. Brown seemed to think favorably of the the proposition up there, although he suggested another possible location. He came here to look at the proposed location of a coal dock & to consider the adviseability of putting in one in Controller Bay.

We got back to Chilkat about 3 P.M. & both Mr. Browns went to K. about 5 P.M. Mr. G. W. B. wants to catch the *Farragnt* out tonight. - - - - -

Met a Mr. Fuller last night who has been working at the light house & who was in my class in Michigan He had met Jules up on the Hitch Hitchy project

Sun. 10/3/15

Oscar & I prospected a little in the creek, from which we get water, this morning. Fred found a little nugget in the water pail yesterday morning. We found no sure signs of gold. I climed [sic: climbed] to top of falls.

Played cards after noon. - - - While Mr. G. W. Brown was here, he inquired of Fred about the launch & boats & who were in the party So Fred says.

Otto, Eddie, & Paul came out tonight. Mr. B. in town. He phoned he would be out Tues. morning

Fine day.

Mon. 10/4/15.

Clear day. Windy. Otto & Eddie went up the river this A.M. Oscar Paul & I started to go to the Harbor right up by the pipes & do some sounding in the little boat. Before we reached Ryans we had to turn back because of the wind. The boys cut wood. Ben Dirkey came up from Katalla with the scow to take the coal field survey crews out to K. He arrived here about 9. P.M. Mr. B came with him.

Letters from Polly & Alf & magazines & books from home.

Tues. 10/5/15

Clear A. M, cloudy P.M. N. E. wind.

Dirkey went up the river this A.M. - Oscar Paul & I went over to Capt's. Got him some wood & took his mail over came back after dinner.

Wed. -10/6/15.

Rain & Wind from N. E. all day.

Mr. Gray phoned from Katalla that word came to him that two Indians had been killed at Chilkat last night.& wanted us to go down and move the corpses into some building there. Mr B., Paul & I went up to the Village. We found Jackalo & Charley Thomas dead in one of the shacks. Jumbo, Elsie & Elsie's husband were in the cabin & had carried the corpses in & layed them on the floor. - - Their story was that the Indians

had been drunk & Charley & Jackalo had fought, that J. got loose & went to his shack, got his gun & shot Charley who died instantly. He, J., was found dead this morning. They claimed he had shot himself. Paul has been watchman with the dead today & is there tonight. Oscar relieved him at Supper time.

B. went to K. on the *Trieton*. - - Otto came down for dinner but went back up this P.M.

Thur. -10/7/15.

Fine day.

Relieved Paul for about two hrs this morning. - - - Judge Gray Dave White, Col. Barrett, Dr. Paysant, Joe Waldron & another man called Ed came from Katalla for the coronor's inquest. All of us went up to the village The Dr. testified that Charlie was shot from in front & Jackalo shot from behind, and that the latter could not have committed suicide. All the Indians who testified stuck to the same story except to the place where Tom spent that night. Col. Barrett did the interpreting. Court adjourned to meet in Katalla at 3 P.M. tomorrow - - - Oscar Paul & the rest except Judge Gray went down tonight, or this P.M. in our boat. Fred & I to go down with Fred Arnold tomorrow & the Judge to ride his horse back. Otto & Eddie came down this morning & went up again this P.M. to care for the horses on the skow [sic: scow].

Fri. -10/8/15

Cloudy & rainy all day. - - Fred, Mr. Gray & myself went to K. this forenoon with Otto. Had hearing of coroner's last witness John Lawton This P.M. He told about the same story as the others except that he said he could have heard a shot fired after he came home at 6:30 P.M. - - The Jury returned a verdict of murder in both cases, and that the first occurred about 5 P. M & the other between 5 P. M & 7 P.M.

Went to a dance tonight given by the light house people. Had a pretty good time & a good supper.

Sat -10/9/15

Blow & rain all day. High tide & big breakers. - - Walker's bunch & our fellows gave a dance tonight. Fred prepared the lunch which was very good & neat. Had a fair time.

Sun. -10/10/15

Wind & rain & high sea. Steamer *Farragnt* came in last night & lay outside until about 9 A.M. then moved in closer Ben Dirkey took half the bunch out at each trip (there were 40 in all) He hesitated a long while before he started but ventured & got them out O. K. - - - Town is quiet the after noon. No dance tonight

Mon. -10/11/15.

Wind & rain all day Big event of day & season was the wedding Scotty to Lizzie Doss, a "breed," - - - Wedding & ~~dance~~ supper took place between 3:30 P.M & 6 P.M. & a dance was given tonight. This was the best dance of the week. Except that some were pretty well tired out.

Tues. -10/12/15.

All of us came to camp today. We came up to Refinery with Andy Nyher, Walked over to Pete's Point & came in Evinrude boat from there. - - B & Paul went up the river this P.M. for a three days trip up over the Lake Charlotte route.

Col. Barretto told me this morning that the Indians now claim that we were mixed up in the shooting affair. Rain this morning but clear tonight.

Wed. -10/13/15.

Beautiful morning with frost. Rain from 2 P.M. on.

Oscar & I went over to Capt's in Otto's skiff & our Evinrude. Found Capt feeling good. From there we went over to the Campbell River shack & read two angles until the storm came up then left for camp. I got wet to the waist in wading out to the boat. - - Otto came over with two men Mr. Cotton and his son to work on repairing bulk head. - - He went over to Fox ranch this P.M.

Thur. -10/14/15.

Rain off & on all day. Wind from S. W. Frank Lawton & Jim Whitehead came from K. with team & wagon to do assessment work with Cotton & Jule. They cut wood this P.M. - - I was inside most all day.

Mr. B & Paul got back tonight about 8:30. - - Boat going north passed by K.

Fri. -10/15/15

In camp all day B & I worked on estimate.

Oscar went to Pete's Point in Evinrude to get Messrs Joslin & Hoyellett & Ben Watson who stayed here tonight & are going up to the coal fields in the morning.

Storm all day.

Sat. -10/16/15.

Messrs Joslin & Hoyellett went up the river with Fred Arnold. Paul & Oscar went up in Otto Skiff to get canoe that Paul left under log in Shephard Creek. - - B & I went over to Kanak Island, got stuck in storm and have to stay here tonight. Strong N. E. wind. 25 to 30 miles.

Sun. -10/17/15.

Came back from Kanak this P.M. Heavy gale from S. E. We got soaked coming home

Wind quieted down about 4. P.M.

Otto has not returned.

Mon. -10/18/15.

Worked on estimate this A M. finished it P.M. B & I went to K by way of evinrude, & the oil wells. Waited for Dugdale & Bell until 6:30 to take us down the slough. Changed clothes & went over to Willanby? with B. Had "sing song" & dance.

Tues. -10/19/15.

Got *Treiton* & went to Fox Ranch for Otto. Found him there. His boat had drifted on the beach & the storm had left him from coming [sic: coming] over to camp. We left *Treiton* & came to Chilkat with Otto.

Oscar & Paul came back without beans [illegible]

Fine day. Wed. -10/20/15 - Carbon Camp.

All got out early this morning to take sounding in Controller Bay, but threatening weather caused change in plans. Otto, Mr. B. & Oscar started for the Bay to sound, if possible, if not to go to K. for mail. Oscar is going to stay with Capt. Paul & I came up to get the canoe out and to go over the proposed R.R. routes up here. Mr. B was to stay down so to be sure to get the soundings. - - We left Chilkat at 8:15. Hit shallow water twice in Bering Lake & had to change our course. In middle of lake engine gave out so we hoisted our sail. Waves [sic: waves] were rolling high from S.W. wind. We made McDonald's camp about 11: AM. Had lunch here fixed engine & left at 12:45 reaching canoe landing at 1:45. Left boat & engine here & packed to Carbon Camp about 3 miles reached there at 4:15. Found good cabin, fuel & stoves & some grub. Shot 2 ducks today. Lost gun in creek & fished it out again. Snow A.M. fine P.M. Carbon Camp
Thur. 10/21/15.

Left camp about 7:30 for canoe. Got there at 8:30 Spent about an hour getting it loose. It was jammed in the bow but did not leak much. One gunwale is broke & the seats broken out. We lined it down the creek & reached camp about 2 P.M. - - Both of us wet Got warm dinner. Paul went back to get coat & socks that we left by mistake. I adjusted hand level & went over to look at beginning of line after crossing Shephard Cr. Have been burning local coal. It has very little smoke & makes a very hot fire.

Beautiful day. Kushtaka Camp.

Fri. 10/22/15

Left Carbon Camp at 8 AM. to follow proposed line to Stillwater Creek & thin down to Stillwater camp. We spent considerable time crossing the first pass from Shepherd Cr. & walking was poor so we reached the S.W. Cor. of Kushtaka Lake about 11 A.M. Walked around shore & ate lunch off a side island. We bore east from lake about ½ miles until we reached creek up which the proposed line runs. We left line this AM. where it crossed trail about 2 miles back of here. The rest of the day we kept pretty close to the proposed

route which follows the general line of the shore. Country is timbered with Spruce & Hemlock. Good piling among the latter & saw timber in the first. Reached Stillwater Cr, at 4:30. Paul waded across, got a canoe & we loaded our packs in & hit for Kushtaka Camp across the lake. Here we found plenty of wood, stove, some grub, candles, blankets, & we have a good camp tonight. Are very tired tonight Has been a fine day.

Stillwater Camp.

Sat. 10/23/15

Left Kushtaka Camp at 8. AM. in snowstorm. Went around N. end of lake in canoe stopping at mine and at moraine at end of lake where took picture. Moraine has

slope of about 0°15' Left canoe at mouth of Stillwater & followed trail & proposed line along creek to Stillwater Camp. Found slope of upper part of creek to be 20' to 25', below end of horse shoe bend it has a very slight fall. Reached this camp about 12: Dinner at 1:30. Cleaned out cabin, looked over flats at bridge crossing sights.

Plenty of grub & wood in shack. – No rain P.M.

Stillwater Camp.

Sun. 10/24/15

Went up Canon Creek to its Junction with Mary's Creek at Heartline's cabin. Went up West side of valley & came back east side. Returning stopped at Hunt Cabin & at Davis's mine. This creek bottom is about 1 ½ mi wide at the lower end & is covered with rocks & dead snags all the way down. The problem here will be to get over the creek with R.R. - - We were over on the Bearing Glacier moraine and noticed the pot holes in the gravel as deep as 6 ft. We wondered what caused it.

Beautiful day. Mighty tired tonight.

Kuskataka Camp

Mon. 10/25/15

Tried to wade Stillwater River this morning so I would walk along N. side of Bearing below Stillwater. But water is too deep, So we packed up & started up the Stillw. about 8. A.M. Left our packs at mouth of Clear Creek & walked up Creek to about a mile above the Clear Creek Camp. There is an easy location up the valley as far as the camp.

Went up Trout Creek to Cunningham's old camp from where the Government got its coal. Was up this valley about ½ mi above camp. Easy R.R. location but heavy grade up here. Paul caught a trout with his hands. We took it to camp & had it for supper it was fine. Paddled across Lake to camp here in 50 min. Fine day. Clear & cold tonight.

Chilkat Camp

Tues. –10/26/15

Left Kuskataka at 8:05 for Carbon over the mountain trail & reached C. at 9:45. Saw several coal croppings on west side of hill along trail. Left camp at 10:05 for canoe at Carbon crossing getting there & packed in canoe at 10:30. Arrived at Canoe Landing at 1:30. Had many wind falls & riffles to pull canoe over. We left Canoe Landing at 1:45 & got to camp about 5. Ran into ¼" ice in lake in place, Ben Dirkey & his crew & Dugdale were up in Lake hunting. Mr. B. & Otto had gone up to Stillwater in little boat & will be back tomorrow night & down to camp next day. They will stay & hunt tomorrow night Both of us were wet & cold. Has been a fine day.

B. left note to call up Mrs. White & get any message that may be there for him. Mr. Edes wired to take Porter & Todd to Seattle breaking camp about 1st Had letters from Vera Donna Laur, father & Rheto, Canada Life

Wed., 10/27/15.

Worked on sounding notes & maps all day.

Paul cut wood A.M. & went to Capt's. P.M. Dirkey, Geo. Priest & Carl were here for dinner. B has not come down tonight. - - Had Swan for dinner today.

Rain & cloudy A.M. Cloudy & calm P.M.

Katalla

Thur. 10/28/15.

Otto, B & Dugdale came down about 9:30. B & I packed up our beds & office stuff & came in to K., stopping at Capt's and getting his trunk & instruments; The others will come in tomorrow. - - - Had a good bath & visit at Peterson's tonight.

Fine day.

Fri. 10/29/15 Katalla

Cleaned out Mr Thompsons office, got a drafting board & started work on the plans & reports.

Otto went out & got Fred, Oscar & Paul. They got in after dark. Rain nearly all day.

Sat. 10/30/15

Worked on plans & reports all day. Mr. Payzant acted as stenographer

Mr. B., Capt. & myself were invited to diner by Mrs. Thompson & later went over to Mrs. Payzants for an evening's amusement. Had a very pleasant time at both places. Mrs. P. will go out on the *Farragut* with us. Cloudy all day clear tonight

Sun. 10/31/15.

Worked on map nearly all day. B was in office part of day working. Beautiful day.

Mon. 11/1/15

Worked in office

Fine day. Boat reported due tomorrow night.

Maps & reports pretty close to done.

Tues. 11/2/15 Katalla

B & I worked in office all day getting out reports & estimates.

Hard wind & rain storm all day. Have been wondering what our chance would be to get out on the boat tomorrow. Hard wind & rain late tonight. Mrs. P. is the most anxious of any of us to get out.

Wed. 12 [sic: 11] /3/15 Katalla

Packed to go out today. Boat was expected to get here about 3 P.M, but the sea was too rough for it to stop & too rough for the launch to get over the Katalla Bar. Mrs. ~~B~~ P. was sadly dissappointed [sic: disappointed] . B. said he wired Seward for instructions. I went to Martin Point P.M. to see how sea was around islands. Sea was from S. W. & heavy west of islands. Wind & rain A.M. Wind P.M.

Thur. -11/4/15

Opened the office again B. Mrs P. & I worked all day on estimates. Got out estimates for Kushtaka Lake up and Lake Charlotte and finished Canyon Creek.

Estimate of

Canyon Cr. 6 1/2 mi. @ \$35,000
Stillwater to Trout Cr. 3 mi. @ 36,000
Trout Cr. 2 3/4" @ 31,300
Trout Cr. to S. end Kushtaka Ridge 6 1/2 mi. @ 25,100
S. end K. Ridge to Lake Charlotte 4 mi. @ 20,000
Bay to Stillwater 19 1/2 mi. @ 30,000

Pier Dock 2 1/4 mi. Total 187,000
187,00 [sic: 187,000]

Pier to be pile & filed.

Beautiful day.

Sea low.

Have been working on estimates tonight. Edes wired take Evons to Seward.

Fri. -11/5/15

Finished work on estimates & reports today Had a dance tonight at the hall. The best time I have had at dancing. Home at 2 A.M. Hail came in last night at 10:30. B. swore tonight to stay on "wagon" until off duty. Andy & Otto came down from Refinery to dance.

Snow all day.

No word from Evans going up.

Sat 11/6/15

Up at 10. P.M. took walk out R.R. & saw cover of engine on pile driver scow. B, Andy & I invited to Wiloughby to a little dance. Good time. Boat due tomorrow forenoon.

Cloudy all day,

Sun. 11/7/17

Boat in about 9 AM Pulled Anchor about 11:30 Heavily loaded. Had good trip to

Cordova. Arrived 1:30 P.M There three hours. Saw Mrs. Schringer & Maude. Waited letter home. [illegible]

Mon 11/8/15

Left Cordova 3 A.M. Arrived Valdez 2:3 P.M. [sic: 2:30] in snow storm. Calm sea. Snowing hard tonight Will not get away before morning.

Tues. 11/9/15.

Left Valdez about 6. A.M. About 12" snowfall Fine morning. Saw icebergs opposite old Olympic about 8:45. Reached Port Wells about 2 P.M. Went with party in launch around to mine. Left P.W. about 4:30 & got into LaTouche about 10 P.M.

Good weather all day.

Seward Wed -11/10/15

Arrived in port about 4 A.M. Got out about 5:30 located at Hotel Seward. Did not do any work A.M. P.M. worked in drafting room at the Headquarters office of the Comm.

Cold & all day.

Thur. 11/11/15

Worked on tracing of C. Bay. Met several fellows in the office. Daub & Waller have worked on the Ryan surveys at Chilkat. Met barge from Eugene. Fine day. Heard that I would be sent out on party going north this winter.

Fri. 11/12/15.

Worked on maps all day. - - Mr. Estes told me there is a place open for me at \$2.00 & board. Mr. Wier latter came over & asked me about the inst. work I had done and said he would take me out in a party for about 6 weeks & inferred that I would run transit. - - B. has fallen from hard from the wagon. Mr. Edes is anxious to get his report. The outlook seems god for Katalla & Controller Bay. - - - Rain all day.