

Sept 30 / 1901

Rained slowly nearly all night, and today a bit, & drizzled & misty. Turning into sort of a temporal, but very good for camp, which was very parched & likely put a stop to the sea. -

Butchered cow.

Nothing going on. { Skinned & died 253 }
in month. }

Oct - 1 -

Another cloudy, temporalish sort of a day. -

Skinned 14 animals repuntarred. Young Baiza (Miguels son) began work today. Brought 1 load of leña from potrero. - 2 -

Went up to Palmar and took about 1500 head of cattle to jaquel. -

Lots of cattle repuntarred in Salado Skinned 8 animals. -

Put earth around bebedas, & puntara alfalfa. - "Sol de agua" cloudy morning but afternoon. E wind. -

- 3 -

Repuntarred cattle to Palmar well again and atajand them all day. -

Also some at Estancia jaquel. -

Skinned 8 animals. -

Pulled about 50 out of Salado, 12 of Estero Gde. Weather warm, north east wind, and looks rainy. - At usucada jaquel 6 metros deep, bored about 4 mts. so far good water. now man went there to bore; sent for more piping. Got in a part of the alfa. -

- 4 -

Repuntarred cattle again to jaquel Palmar. They don't seem to like the salt water. -

Bad day. Skinned 25 mostly in Salado and a lot more dead. Stormy forenoon, but

Oct 1901

strong south wind came up & drove away all prospects of rain. - Cleared well (chaera) out.

- 5 -

Mustered and pastured about 2000 head of cattle around Estancia Jaquel. Cattle looking delgado. - Skinned 33 animals. - Had sent cart to fetch hides from Salado. - Sent Machungo to encharcar a crew of peones with horses to pasture cattle. - Fine day. Fine wind. -

- 6 -

Sunday. Mustered cattle around Estancia Palmer well again. Heard report through Corvolan, Zumbis that a tapamar on Salado at Algarobal was made, so I went up to Julian's & got him to send Chasqui to see if it is true. Skinned 5 in Salado today. - Sent the 204 carts to Calchaqui to bring represa and bebidas. Romulo & Bazarito brought 33 horses from Moyos. Cold morning N & S wind. -

- 7 -

Re-mustered cattle to Jaquel. - Estancia. Shortened chain at noria & got more earth thrown into represa well so as to close barrera up. - Hardly any cattle drink there. - Well boros at ensenada have about 8 metres piping below bottom of well & good water. - Can't get reliable news of tapamar in Verde camp. - Skinned 17 cows. - Vestimenta here for night. - Strong N wind but 34° barometer getting low. -

- 8 -

Fearful hot north wind 41° - - - - -
Re-mustered cattle same as yesterday. -
Skinned 12 animals. - - - - -
Vestimenta here for night also Macario. -
Trite time. - Sent horse cart to Calchaqui.

- Oct - 9 - 1901 -

Fearful night, at midnight the strong north wind suddenly changed to strong south, so all probability of rain vanished. Samasio Senzino, and Cornelio, Mackays began working on their own horses, repuntando catch to jaquel and pastoreando them.. 34 cattl dead.. Verstume here..

- 10 -

Slight drizzle last night. East wind & cloudy..

Horse cart came last night bringing man, potatoes, & mail..

2 bullock carts came today bringing represa & bebidas..

Salvino, Juan Opido, Joana, & Leon working on their own horses, repuntando cattl from the pesteros to well..

Skinned 33 + 6 ^{were} Perdidas.

Verstume here..

- 11 -

Threatning sort of day but no rain..

A & 3 men worked at ensuada jaquel putting up pileta and bebidas..

Verstume & Watt still boring..

Skinned ^{& dead} 16 animals.. Watt & Verstume here for night. Lots of cattl here at jaquel & drink better..

- 12 -

Same work as yesterday. Finished putting up bebidas & began on aparatus for pulling water.. Skinned & dead 16 animals.. Verstume here for night. Cool day F and S wind..

— 13 —

Sunday.. Repuntared cattle which are drinking better, to jaguel Estancia. Skinned 28 animals unpuntarada in Salado and Estero Honda.. Warm day. E wind.

— 14 —

A and 4 peones finished putting up bucket arrangement at ensuada jaguel.. J. Martin & Pat Cormick here for night.. Repuntared cattle to well & pastured them. 19 animals died.. Cloudy day. E wind.

— 15 —

Pat Cormick left for Pajaro Blanco.. Trateda with Luis Bey to make jaguel deposits at ensuada for 400. he cutting and putting calze palma from ^{3.50 mt. long} ensuada. 2) animals died.. Ration day. 267 animals died in 15 days. (all musto restancia..) Report Salado getting firmer. Estero Honda very pantoso now.. but some alfa..

— 16 —

Repuntared cattle same as yesterday.. 4 animals died today.. A occurred down as far as Paso Calchepi ^{Palmar} jaguel.. Water in esteros can't last more than 10 days. Jaguel here began for first time.. Strong dry hot south wind.

— 17 —

Repuntared all south of house & east, to jaguel & begin to rondar Estero Honda which is getting very pantoso.. 11 head of cattle died.. 3 men working at making terrace for jaguel ensuada.. Warm day east wind. Vegetables here for night..

Oct-18-1901

The two bullock carts (1 of Harteneck which Don Sisto had lent with bullocks) came from Puerto Las Bañas with 10 betidas. Left, at Paso Calchagui, put up 6 at jaguel enserada, and brought 3 here. William went with horse cart (2 mules) to fetch cañas for loading from Salado Paso in front of Los Moyes. - 10 dead catt. today. It was a warm cloudy day, N.E. wind. - Sent worded Estero Honda last night. Think about fencing it off. -

- 19 -

Will at Estancia gave out - had to leave cattle goti estero or Salado. - Elias & 3 men went to Los Moyes to bring our mares & horses over. - as the Co. sent word that camp was overstocked. Fillon's cart here all day on way to Pozo Mariano, also Acuar who goes to track catt. at ^{the} Pozo. -

Very hot day, strong N. wind (variable). Cleaned out both wells at Estancia. - Cart came back from Moyes Paso not finding cañas. -

- 20 -

Sunday. Bad day, South wind then East then South again. - Head quik at Estero Honda all day pulling catt. out. Skinned & dica 30 today. Sent a bullock to Fillon to go to Pozo Mariano with. - Salado getting very bad, stinking & drying up.

- 21 -

Very hot day over 100°. Lots of catt. impantareada skinned 31. -

Elias came back from Muelles passed over to this side 546 mares & horses. - A goes to Calchagui tonight to get quik to dig & work for water to save catt. -

- 23 -

A came back from Calchaqui where he had gone yesterday. - Brought 13 spades to work mills, watering places, & conchacared quite @ \$3. per day to work with spades, or with their own horses. - Stormy weather and no rain, cool nights. J. Sauchy passed told him to come & part his cattle or make jaguales. Yesterday 13 dead today 43! Began to take cattle to jagual Encarnada where they drink better than here. -

- 24 -

Very hot beastly cloudy day 93°. - Took about 1000 head of cattle to jagual Estancia Encarnada jagual where they drink first rate. Brought lots of cattle from Astur Gde & Zanjon, & other fundos to jagual Estancia but they drink very badly, & really the water is better than at jagual Encarnada. Recovered Salado. - Skinned 31 animals & several with hide lost. Cafuata came back from Calchaqui. Hauling setting up posts around Astur fondo to keep cattle from getting in. - 7 men came looking for work. Cart came back from Moyses with cañas for pozeros. - (Walter Wierstume)

- 26 -

A took the 7 men (Leucius & Lic) who came yesterday & took them to Somotri with our cart to begin aguada in Salado. Tried 3 places this side of potrero fence and at last water was so-so. Began this morning to dig a well 2 metros broad & unlimited length. Water was getting worse when got down to 1.50 Cm. - Here 3 men (Chamorro & Lic) began today also helped fullness to

Oct -

fence in Estero Honda.. which is dry.. 2 carts of Palavucina bought 8 rolls pua, 8 liso, 1 bag maize, yuca salt.. Took lots of cattle down today to enserada jaquel, lots came back to estero Mistlar & lots impantauru. Fearful hot day yesterday. Looks stormy tonight. Estero Jode in South potrero about dry..

- 27 -

Sunday.. All hands worked.. William & his ponies worked at fence at Estero Honda. A was down at Lomo Pai with the 8 men ponies of the priests making the aguada in Salado.. Seems not much water is coming in, & made arrangements with Versturne to bore.. Elias skinned animals at Estero Honda. Machungo & gent are at Mistlar taking care of estero where lots of animals are getting impantauru. Fearful hot day, just the weather to make animals get impantauru.

- 28 -

Another bad day, Stormy morning, Very hot & cloudy and in afternoon a few drops, but seemed to rain Mistlar and Paso Calchaqui had rained enough to juntar water on road.. Finished fence around Estero Honda and tonight sent Coaquata to Calchaqui in horse cart to bring more pua and boards etc to fence in Estero Mistlar which is drying up and cattle getting stuck.. Gave lots of cattle to jaquel de la enserada, but the water there is getting decidedly saltier, and horses will hardly drink it.. Versturne's well borers moved to Lomo Pai to bore in well in Salado. The wells there dont seem to give much water.. A recorroed down

as far as south fence (rodeo de las yeguas). The
estero fde there is quite dry and gave orders to
have mares driven down to the rodeo where there
is plenty of water in Salado especially to
north side. In Salado today and Estero
Honda 90 animals were pulled out of the
mud and did not finish. Don't know how
many out of Estero Mistlar. Began a
deposito beside the jaguel estancia. 4x4 mts.
incluso. Garibaldi's gente (3) dug the work-
ing today, and Chamorro is looking after
the work at jaguel.

- 29 -

Had a glorious hard rain from 5 am.
till about noon, which jointed water
in camp for months. Lucky as the
cattle yesterday were stuck in mud by
wholesale. At Mistlar Machugot
3 persons were pulling out & skinning.
Cafreata left last night at 11 P.M. for
Calchaqui. - to bring out stores back
with to fence in estero Mistlar etc. No
need to fence in estero now. J. Sanchez
& J. P. Azhar for night. ~~Chas Salgado~~

- 30 -

Skimming dead animals coast of Salado
& Calchaqui. 36 dead & not nearly all
found yet. Paid off the Salado well diggers.
Lots of water in camp. Sharp storm in
~~morning~~ afternoon. Weather looks settled
at last. Good for drying hides if it lasts. -
Lots of animals to skin yet -

- 31 -

Fine day South wind for drying hides. -
Skinned 8 animals, mostly Salado. -
Oy cart brought hides. - Versturne here
for night. Plenty of water in camp. -
Madero reports very little rain down towards
his puesto. -

house

Nov - 1 - 1901
Gant came back from Calchaqui.
Fine day, E wind.

All hands out skinning yet in Salado
puerto. Versturne left with some day
ponies to work at his jaguel ^{Ox cart bringing} hides from Salado.

- 2 -

All hands went across Salado to bring
our cattle across from leia's camp.

Potro's Varga, passed over, over 1000
head. Finished skinning more or
less. Juan also here for night. affus 5.20
for hides sin distara. Warm day N
wind. Cut alfa. Ox cart brot last
hides from Salado. Dispatched the daily
men.

- 3 -

Sunday. Nothing done but
a well earned rest.

Hot 93° heat. - looks stormy. -
Versturne here for night. A aff to
Calchaqui tomorrow. Elias Salteño
here to help look after place -

- 5 -

A went to Calchaqui yesterday and
came back this evening. Sold the hides
to Perez @ 5.85 per 10K no tara nor
"disecho" and to receive on the place. -

Got leia yesterday. - Elias & gente
left for Somotai to juntar mares &
castrate colts. - Moving hides from
hide gaupon to Cafuatas old house -
Very muggy weather stormy & heaps
of mosquitos. - The gente had gone
to Somotai today to juntar the yeguada
for capacion.

- 6 -

Very hot day E wind & looks abit stormy.
Cafuata sowing maize. - J Sanchez gente
took some cattle from coste alambrado
Hartinet & from near gate. - Versturne at
his jaguel. - Chamorro came to trunzar lasso.

Nov - 7 -

Capared the colts today at Somotai 37 and left four for stallions. Elias had brought 83 horses & mares from Mueller making 629 brought over altogether. - Capared a 'fuego' sharp shower of rain in afternoon which might hurt the animals recently capared.

- 8 -

Had rodeo on at Somotai and parted out the animals to leave behind & brought the rest (about 300) to the estancia.

Left in potrero 50 (5) (39 cows mostly with ^{small} calves & 11 novillos) = 50

50 butchering animals including 4 of Villalobos mark.

1 of Morcero

2 " Maduro

1 Toro B

1 buco (pequeño machado).

105.

Brought the rest to the Estancia to capar the bulls & mark the calves.

It was a very hot clammy sort of day. Salado swimming at paso.

- 9 -

This morning I went down to ensenada to see whether Luis Bui's paque was de hecho. Wants 60 C.M. of water yet. Castrated 132 2yr old bulls brought up yesterday from Somotai, and marked 22 calves and 21 of Robson's (5). - Passed some more cattle over Salado from Vargas camp. Capirata sowing scudias.

Close muggy stormy sort of day.

- 10 -

Sunday Fresh day East wind. - Camp looking well. no water up in Palmar. Want another big rain. - Passed over some bulls from Vargas camp.

Nov-11-1901

Peones recovered over in Vargas camp and brot over a cuadrilla of four cows..

Butchered a cow.

Brot the canoe down from Palmar lake -
Dug about 100 ^{water} posts out from old potrero Salado fence..

Old Junco was here this morning..

Strong east wind, rather stormy weather. Elias & peones left to apartar over at Hartnecks.. Guillermo was cutting afa in big field & broke machine..

- 12 -

Dug holes for fence in old chacra for capones. Paid off Luis Bey for jaguel $3\frac{1}{2} \times 3\frac{1}{2}$ ^{met} at Lusewada.. Water at bottom was coming up rather brackish.

Versturn was here; his boring is stopped on account of pumps not strong enough to drive sand out of pipe which is 21 metres. - Had sharp storm this morning & a bit of rain. Salado going down again..

- 13 -

A. went over to Hartnecks' rodeo, but the gente had finished parting yesterday at the 5 rodeos, 43 of our animals marked 2 calves & captured some bulls. J. Satchy with his arros here for night as we have rodeo on tomorrow.

Hauled about 60 old palmar posts from potrero fence, and set them up in old chacra for sheep fence. - Ratched afa.. Splendid spring day warm N.E. wind. Versturn went to Calchapi to look for pump..

Nov - 14 - 1901

Had on rodeo Palmar about 3000 head & Julian Sanchez parted about 500 head & not quite finished on account of a slight rain. Let rodeo go 11.30 am. Marked 80 calves & captured a lot of agues bulls. Put some old cows, bullocks, and semuleros into potrero..

Butchered a novillo..

Francisco Martinez here for night on way to Monigotes..

Cafrate came with cart from Calchaqui.. - 15 -

Ration day..

S E wind warmish & cloudy at times.

Barometer low..

Had on Rodeo Estancia about 2000 head in morning & Julian Sanchez parted and we parted about 100 calves and some agues bulls & reses for consuma..

Aftwards, about noon, had on rodeo Salado and did same work as in morning. Left our aparte in corral for tomorrow to work. Sanchez left with his arreo over 300. Versturne was here and sent cart to take his machinery and men to Lucero, he cannot work with his pump, so he goes and comes back with a better pump when he can get one; he expects in about a fortnight. Fixing the posts & shoring for the alambra in old chaera for sheep.

- 16 -

Put into potrero some reses oken and semuleros parted yesterday, and captured the bulls (mostly agues) and marked 161 calves.. Sisti Martinez was here for helping & breakfast.. Warm day. E wind.. Bed out here for night..

Nov. 17 - 1901

Sunday - Butchered 2 capones & conserved. - Nothing going on.

Strong N.E. wind warm day. -

J. Martin here today & for night -

Fritz from Puerto Leguina was here looking for horses.

J. Sanchez & guests here for rodeo tomorrow

row - 18 -

Had on rodeo del Medio and Sanchez parted out again about 100 m/pomeros. -

We parted 78 calves & marked them and also some bulls. Cattle getting fat fast - Put some old black ones into potreros for future butchering. - Fillones lock in a tropa of about 400 with corral, on way to pozomariques. - It was a hot day 34° & looks like a tormento which would be a good thing. - Giving the hides a beating as they are getting pollilas. -

- 19 -

Had storm last night, but very little rain. Freshened off this morning a great deal, and very strong south wind blew all day.

Had on rodeo Mistolar late and was only about 200 (about 1/2 of its size) on account of the storm. Sanchez parted about 70 and we marked 63 calves at Mistolar corral & spared bulls and discernared. Cattle getting fat fast. - Beating out hides here.

- 21 -

Yesterday had on rodeo Tapera only about 800 head. Expect rest of the rodeo is over at Lucero & storm had blown some further towards rodeo del medio. Julian Sanchez parted a few animals out and we parted out about 20 orchans & calves and some bulls and then spared

- Nov 1901 -

rodeo de la Loma and parted about 20
more calves & captured and discerned
some ugly and good bulls. Cattle at
Simotai in very good condition, &
looking well. A. afterwards went down
to Madros where 3 men are shearing
sheep & also visited Morira who was
not at home. Today had rodeo de la
yeguada. Sold or rather gave 2 cobudos
& counter marked it to Bidout. - Parted
some horses out and came home. Salado
gradually falling. Fine weather and
cool nights. Sent Chasqui to Calchaqui
for Perez to come out & receive his hides.
Want a big rain now; Caferata sowing
maiz.

- 22 -

East wind and getting cloudy. Barometer
variable. Butchered cow.

Silvio hilling potatoes -

Recovered camp. Water drying up fast.

Nothing new.

- 23 -

Chasqui came back at noon from Cal-
chaqui bringing mail; says Perez
will come tomorrow for hides.

Vaquilla mestiza of kamburas died in
front of house last night.

Filling up around bebridas at yaquel.
Brought 2 loads of wood.

Weather cloudy & wind and looks rainy.

- 24 -

Sunday. A. was over at Martins.

Perez and 6 carts & volante came to receive
hides tomorrow. - Warm day. South wind
cloudy & hot. Killed 3 capones. - Bidout
& men came to dig well.

Nov - 25 - 1901

Bidout & his 4 compañeros & Chamorro began work at jaguel deposits at Estancia

Antiguera 1100 of our cow hides & 23

ajenos and 5 petros hides to Perez -

Hides came to 6.⁰⁰ a piece -

He left with his carts to night for pueblo to finish receiving tomorrow -

It was a very hot day N. S. wind 34°

- 26 -

Went down to madrigado and entry on the pueblo hides 287 & 2 petros to Perez -

Then went to paso Calchaqui pueblo & weighed 27 hides & 6 petros & 7 cow hides

of kias. got receipts from him for 1444 cow hides 14802 k (\$659.12) 12 petros @ 2.⁰⁰ 26.

Of these 59 are ajenos hides with out Robson of which none were found. - It was a very hot cloudy day & this afternoon had sharp storm with little rain. -

Pozeros only worked 1/2 day. - Tomas Bergara came to see about coming to work. -

- 27 -

Butchered novillo (small barros).

The pozeros taking down part of north enserada for calze for jaguel. -

Hot day 2. & S.E. wind. - Salado going down. J. Sanchez here for night: he made a small atajadizo in Salado near Fortin Union. A. goes to San Cristobal tomorrow to payment & see about making tajamar.

- 30 -

A came back from San Cristobal tonight. Paid \$93.57 on ac of rent and 306.⁰⁰ for rent for mares at Los Meyes. - Saw the Land Co. about making tajamar at the barra, but could not come to a definite arrangement as they are afraid of complications. - Had slight storm but

no rain here. Seca getting serious again. -
Began to repuntar Palmar cattl to Salado.
Luzuma Moyes beginning to give out as
fish are beginning to die. - Nothing new
here. Bidout & his 5 digging at well &
getting plenty of water. -

Dec. 1 -

Sunday. Repuntar Palmar cattl
to Salado. - Rivers all dry again or
only liquid mud. - Planted some (50) ^{about}
gum tree seeds in quinta. - Nothing
particular going on. - A family, Dr Jose
Azarvanon way from Esperanza to Mar-
garita were stuck in Salado and stop
the night and I brought them in trap as
had to leave their trap in Salado. -
Pleasant warm day.

- 2 -

Had Dr Azarvanon's trap brought up from
Salado and they left about 9.15 AM. for
Margarita via Balchaqui. - Almiron cutting
afa, brot in 2 big loads. - Tomas Bengara
begins work tomorrow. - Cleared out well (hony)
also emptied chacra well. - Repuntar estancia
cattl to Salado. - Sanchez here for breakfast
& siesta. Genk went to Mischlar to drive
cattl tomorrow to Salado. - Fearful hot day
35° West wind & floating clouds. - Pozero
(Bidout & Leo) clearing their jaguel. -
Vargas had brot 3 hides last week of animals
died over in Monte Aquara. -

- 3 -

Fearful hot with wind 38° and storm
gathering to south. - Salado water salty
& cattl don't seem to want to drink it &
a lot are delgado and running about
the camp. Finished jaguel & tried for water
in bajos near paso Salado. Good water. -

Dec 1902..

Drove cattle to Salado from Puerto and
Teucas.. cutting and hauling in alfa..
Bafurata sowing maize..

- 4 -

Had a dry storm last night and rain-
ed a little bit at daybreak, and
cloudy forenoon and south wind after-
wards. A and the 5 well diggers &
new person worked at apparatus for pull-
ing water at ensenada centre of camp.
moving it to bigger well, etc.. -
Brought 2 loads of wood.. spent catch
drink better at Salado now.. -

- 5 -

A and 6 men same as yesterday
finished arranged the jaquel at
ensenada and began baldeando.
Repacked Palmar cattle to Salado..
Fresh night, warm day last wind.. -
2 animals dead.

- 6 -

Started the pozos at digging a jaquel
at paso Salado 2.80 mt.. - 2 carts brought
calze from Palmar.. Nothing going on there..
Repacked cattle from Calchaqui to Salado..
Machugo came from Medio Luna where he
went yesterday to see about the tajamares
there: they are not up to much.. Cold
nights warm day N.E. wind.

- 7 -

Hot day Variable weather & wind N and
E in afternoon.. Weather looks seca
although a bit cloudy.. Salado getting
low.. Hauled calze to well from ^{Salado} Estancia..
Escobar the Comisario sent two pairs of P. 2.
from Canton Zamocito gave peron 5.⁰⁰..
Animals beginning to get impantaned in
Salado and are not drinking properly
neither at Salado nor here at Estancia

Dec - 1901

jaquel. - Butchered novillo. - Skinned 1 animal
- 8 -

Sunday. - Very hot 38 or 39° N and E wind. -
Cattle trotting about camp for water. -
Sent Elias & 2 down to South potrero to
atajar the Salado. - Well diggers working
at Salado. -

- 9 -

Another fearful hot day 39° with strong
N wind. Very bad day for cattle and
Salado wont run for more than about 4
days. Means ruin. Well diggers getting
on ahead. Sent word Luis Bay to come
and make another deposits at Insecuada
Skinned 3 in Salado. Butchered cow.

- 10 -

Another fearful hot day 40½° Strong Vauas
wind N. N.W. E. afraid no rain again. -
Elias came back from Somotri potrero where
he had been making a fajamar south of
rudas delas zebras. - Hauled calze & palms
to Salado well for bebidas. - Bad day
for cattle a good many of which are
wretchedly delgado. - Ponciti began work @
1.50 per day closed up old jaquel on road
& dug out posts.

- 11 -

Another fearful hot day 42½°. - Hard at
Storpy afternoon but no rain. -
work fixing up aguada at jaquel Salado
The jaquel turned out very well and
the nutrients are so strong had to stop
work in well. - Hauling posts & spales
from Estancia to jaquel. - Hear lib of four
cattle are in S.W. corner of Burgos camp
at Estero which is only "barial" now. -
Lark cattle from Estero Mistolar which is
dry to jaquel Insecuada. The jaquels
here and at Insecuada have plenty of water.
Sent Machungo up to Laguna del Perro to
see whether it would do to take cattle up there. -

Dec - 12 - 1901

Stormy last night but no rain to speak of. - Fine day S & SE wind cloudy in forenoon. A was over at Bartmucks and Taso Calchaqui. Cattle at Ensenada seem to drink better. Elias & quite bro't over about 700 head of cattle from Vargas camp, where they had gone looking for water. - Machuyo came back from Laguna del Cerro last night. Said the laguna was all right but fearful lot of cattle there and camp very talado. - Jack working (Redue & Lic) at aguada at jaguel Salado. -

- 13 -

Caferrata came back with horse cart from Calchaqui bringing stores etc. -

Carpenter (the) also came & began work beginning with rigging up mangua at jaguel Salado. Fixing up bebidas (on ground) at jaguel Salado and pulled water with mangua. - Julian Sanchez bro't the remnant of his cattle about 400 head and gave them water at jaguel here. Bro't cattle up to jaguel from different parts of camp. - Sent mail & for more men to make jaguel. -

Weather regular seca S E wind warm at noon nights cool. -

- 14 -

Dug well a little deeper at pass but water coming in too fast. - Jack bro't cilindro, bucket, and box for volcanso water from Julian Sanchez who is boring in Salado, and brings his cattle here for water. - Water in jaguel at Ensenada changed for worse as it seeps through from Watts & Verstume's well. ^{Some} Cattle looking very delgado down there. Rodeo Monday at Morjes as taking part of cattle off.

Dec - 15 -

Sunday. - Elias and 6 teams left for Muzes to wait out tomorrow.

Saltero took up cattle from Estero Jolo to jaguel and in afternoon recovered Salado.

Fixed up cilindro bucket at jaguel Salado and men in afternoon did not work. - -

Last wind cloudy and looks like rain but barometer is high (variable)

- 16 -

Jaguel at ensuada gave out so opened boring from Watts well. water rather amargo and only hope cattle will drink it. - Left Chamorro down there to fence in well & terraplénar. -

Began deposits at jaguel Salado. -

Pidout & 5 men working & 1 baldcorno. -

Hot day E & SE wind cloudy & looks seca as barometer is high. -

Comdt Hernandez here for night on way to Verde camp. - Hauled 55 palmas to jaguel Salado. - 4 dead cattle today. -

- 17 -

Julian Sanchez gave part of his cattle water at Salado jaguel and part at Estancia.

the latter well gave out but cattle did not suffer for water. - Reputared all

canta Salado cattle ^{from Susero fence} to jaguel Salado &

Estancia. Elias came with about 700 head from Muzes⁽¹⁵⁰⁾ and rest from other side

of Salado in Susero camp. - Cattle at jaguel ensuada drink very badly and many cattle very delgado. -

Skinned today. - Hot day 36° barometer variable and wind east & NE variable. - Carpenter

went with horse cart to Calchegui for timber & stores. - Casuata went to ensuada and hauled some palmas for Cham.

Dec 1901

- morro who fenced in jaguel & terreplena a bit. juco & 2 men began work noon..

- 18 -

Hot day 36° E wind bit cloudy.. Same work as yesterday. Drove cattle from Estancia jaguel to Salado jaguel. Tonight Elias drives cattle from Insuada jaguel to Salado jaguel..

2 dead today..

Cattle suffering from want of water although the jaguels have plenty of water..

Juan also starts here for night -

Carpenter came back from Calchiqui with maize, boards & some articles for carpenteria.. also brought along a cousin of his who is talbartero.. Chamorro & 2 men & boy deepened well at puesto and came to help at Salado well, some more men also came to work at well..

- 19 -

Strong north wind all forenoon and hot 37° and at 1 P.M. (about) had a tremendous tormento which blew down big ombu at spare room and a slight spatter afterwards enough to lay the dust.. Took 2 men down towards Paso Lucero to try for water but turned out amargo.. Jaguel men only worked 1/2 day.. Elias last night about midnight bit about 700 head of cattle to jaguel Salado and this morning bit the cattle this side of puesto to Estancia jaguel. Juan also the Colichero still here. Bought 1 bag yuta & classo from him. Seea going to be serious. Sent up to Pde to take cattle to Salado jaguel tomorrow..

- Dec 20 -

Repacked (brk) about 3000 head of cattle from Palmar to jaguel Salado Estancia. - Elias brk as many cattle as possible from Costa Calchapi as far as Palmitas to jaguel Salado get home about midnight (tonight). - A was down at Loma Pri & Sucro ^{to see} ~~cattle~~ the cattle. Sent quite down to drive to jaguel Salado tomorrow. - Wilson here for night told him to drive a lot of his cattle to jaguel here if he is short of water. A chap named Morris on his way to Martins came here ^{from B. a}, sent him on to Martins in afternoon. - Salado in very bad state & cattle don't drink anymore on account of dead fish etc. -

- 21 -

Wilson left in morning early. - All hands left to bring up cattle from all south to jaguel. - Water in encenada jaguel seems better today. - Dug 2nd well at paso about as deep as they can dig it, seems to have good water in sand. - ~~Very hot~~ Very hot 37° looks stormy but barometro variable at noon. -

- 22 - Sunday

Very hot strong n wind 39° last night stormy a bit. - Elias brk up about 2000 head of cattle to both jagules last night from South potrero & Salado and this afternoon left to bring up the straglers tomorrow. Salado jaguel gave water to piles of cattle today, and held out well. Men putting in calze. - Sent to bring up cattle along Calchapi east & north that are delgado, several dead in Calchapi - Pery Formoso came this afternoon (noon) wants to buy morehidos. Skinned 4 animals today.

Dec 23 1901

hot 36°

Variable weather, stormy, Wind in all directions and tonight S.E. Immense lot of cattle at Salado and Estancia jahuel. Estancia jahuel gave out but cattle had enough of water. - Elias & junk from South potrero not back yet 9.30 P.M. with cattle. Began 3^d hajuel 4x4 mt at Salado jahuel. - Chauwro & 8 men working at hajuel at present. -

Reputaring cattle also from Palmar and Calchaqui to jahuel. 11 dead today.

Luckily the cattle get enough water at Salado jahuel.

Sold Perez & Ferriz 54 hides for 30.15.

Sent carpenter with horse cart to Calchaqui to bring some stores.

- 24 -

Cool day strong south and then east, stormy, & cloudy night. - Day 1st

Salado jahuel deeper until got into sand. Junk brought up cattle from south potrero last night and all along the Salado. 4 men on their own horses working. - Skinned 10 animals today. Cart came from Calchaqui bringing sugar, galletas, salt, potatoes, rice, mail etc. - Comisario de Campes of Aleman's camp (Robledo) here for night looking for a gaucho Anacleta Iscobar. -

- 25 -

Yudas. A very triste one on one of the great seca. - The cook arranged a tree with lanterns, red paper, pears, candy, flags, cakes etc. & a few presents. Looking after cattle & driving to water. A recovered down Calchaqui to see about springs on edge of river. found several but bad places to dig on account

- Dec 1901 -

of pantanas. - Skinned 8 animals today.

- 26 -

Demetrio Ledesma at Paso Calchaqui close to Juncos well found a well of good water in plains of Calchaqui on this side. Sent 2 of Chamorro's gente down to keep him calzar & fix bebidas. -

At jaguel pass Salado dug well a little deeper in sand. Tremendous lot of cattle drink there. - Bro't moris down from Palmar - Chamorro has about a meter of water in Mistolar jaguel. - Looked stormy 37° hot E wind. -

- 27 -

Cloudy day Wind variable N.W. and S.W. tonight S.E. Had 2 bulwers last night at jaguel Salado & 2 every day. -

Enough water for cattle. - 10 dead today but cattle are improving. -

2 metres of water in well at Mistolar. -

Hauled big load of palmas to Salado jaguel to encuear etc. -

Sent cart to Mistolar to haul palmas. -

Cut alfa. Carpenter made rondana. -

Saddler mending harness. -

Only one por dia unking on horseback (Simon).

- 28 -

Took carpenter down in trap to have a look at well which is being dug at Paso Calchaqui puerto. Right at bottom of of river they dug a small ^{1,20' deep} well to try & the water refulsared right over the edge. Good water. So today they are digging a well of 2mts. Good water yet in Mistolar well. Bugara hauling calza from encueada to there. - Here Salado jaguel gave out but cattle drank all-right. 37° today hot and wind variable barometer getting low. Simon brought

Dec 29 - 1901

up a cuadrilla of cattle from Simopai.
Reports enough water in tajamar ^(Potrus.) for another
8 days..

- 29. -

Sunday. Fearful hot until noon when
it turned very stormy which ended
in a dust storm and W and N.W.
wind in evening very hot again. -
Seca getting awful. Today not enough
water for cattle in jaguales, ~~for cattle.~~
A down at Mistlar jagual putting
down lidas (palms). Water there not
so good as at first. - 13 dead cattle
today. (Ruinacion.) Hauled down
lidas from Inesada jagual to
puerto cañon / paso Calchayin also
some palms.

- 30 -

Another beastly hot day about 40° -
Cattle drinking very badly & made up
our minds to take a lot to Laguna del
Perro tonight with the moon. - A all
day (same as yesterday) at jagual Mistlar
to hurry up aguada. - Carpenter went
to Calchayin to bring out boxes and
see if he could not get gente to work
at jaguales.

- 31 -

Last day of year. Fearful hot day 41°
cloudy. N.E. N.W. wind and about
4 P.M. had a nice shower of rain
which gave the poor cattle a drink. -
Men left about mid night with about
1000 head of cattle for Laguna del Perro
& passed the siesta at Puerto Palmar -
A. had gone on ahead & looked at laguna
and surroundings. Laguna plenty of water
but lots of cattle (about 15000) had

drink them. - Cattle did not have enough
to drink at jaguales today & rain came in
very good time. At 9 P.M another
storm came up and -

Jan 1 1902

New Year. - Entered nicely had a
strong tormento 11 P.M last night and
a good shower of rain enough for cattle
2 days. - Skinned 7 animals today. -
Men at jaguales did not work today. -
Horse cart came back from Calchagui today.
Suarez the carpenter stopped at paso
Calchagui & bored the well at Cambas puerto
in plains of river. at 4 mts found sand and
a good current of good water.
Rias came back with gate from Laguna del
Petro. left Machungo there with 2 peones
to pasture the cattle. -

- 2 -

Last wind and pleasant day. Pozeros of
Salado jagual fixed up aguada there and
designated to Salado to clean bebida out.
Two carts hauled palms there to fix up palupue
and piso on edge. - Skinned 12 animales
mostly of mancha. - The carpenter went to
fix up jagual at Cambas paso Calchagui -

- 3 -

Carpenter finished fixing up the 3 bebidas
jagual paso Calchagui with new peon
and came home. Chanorro calguing
Mistolar jagual. Digging down in Salado
jagual. - close to water. Pest set in very
strong among Salado cattle skinned 40
today. mancha, mostly young animals
millos vag. calus etc. - Looks very serious
& don't know what to do, as the Salado