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INFORMATION CONCERNING  
SOME INSPECTED PROOFS OF APPROPRIATION  
ON FILE IN THIS OFFICE;

also

SOME OTHER WATER SOURCES IN THE VICINITY  
OF EUREKA, NEVADA., WHICH ARE NOT RECORDED  
IN THE STATE ENGINEER'S OFFICE.

Information concerning

RANCHES LYING ON THE EAST SIDE OF DIAMOND  
VALLEY, EUREKA COUNTY, NEVADA.  
(Inspected by H. M. Payne, Oct. 1912.)

PASTORINUS RANCH lies about 5 miles from Eureka, and consists of two small places, of about 26 or 8 acres each, one being held under a vested right and the other being a homestead taken up by Pastorinus several years ago. Mr. Pastorinus applied for a spring under application #1418, but this application was cancelled for failure to file a map within the statutory time. His principal source of supply is snow water from a canyon, and this little spring is of no benefit to him, except when this snow water flows. There are several other small springs in the canyon through which this snow water flows, all of which, including that applied for under application #1418, have been used prior to 1905 and therefore hold a vested right. There are two or three small reservoirs in connection with these sources. He has, in addition to the these two springs on his homestead, both of which are very small and located within the field, but neither of which has been used prior to 1905. Mr. Pastorinus was very desirous of having application #1418 reinstated but he was informed that probably this could not be done, and was advised to have a survey made of the entire ranch, and file proofs of appropriation on such sources as he had used prior to 1905, and an application on any right initiated subsequent that time.

Diamond Valley. 2.

A short distance from Pastorinus' ranch, are two others owned by Hildabrand and Paragiani. These are located some little distance off the road, and in the foothills of the Diamond Range, and one depends almost entirely on snow water for irrigation, while the other has a spring. Both ranches are small, about 40 to 50 acres under cultivation, and are old rights initiated prior to 1905.

COTTONWOOD CREEK lies a short distance further on a report of which will be found by referring to application #2289. About two miles above Cottonwood Creek is MATTEI CANYON, a report of which is given under application numbers 1937 and 1958.

PEDROLI CANYON is the next place beyond Mattei Canyon. There is a fair sized ranch there owned by Pedrolis and irrigated by snow water from the canyon named. It is an old right initiated prior to 1905. This is all of the ranches situated near the foothills, the remaining ones being located in the valley near the road.

After leaving Duraka, the first place on the road is that on the lower part of Cottonwood Creek, which is mentioned in the report on that source under application #2289. The next place is an old ranch which is now owned by the Handley Brothers and used for a sort of station, on the road. No one lives there, although Handley owns a little hay there being about 10 acres of meadow, the water for which is derived entirely from the snow in the spring of the year. There is a well at the place used for watering stock.

Diamond Valley. 3.

After leaving the little place of Handley's just described, the next is MAGGINI'S RANCH which is located about 26 miles out of Eureka. This ranch consists almost entirely of wild hay meadow, and derives all of its water for irrigation from Three-mile Canyon. This canyon flows a fair sized stream, estimated at a maximum of about 4 sec. ft., - from April 1st to July 1st, after which time, Mr. Maggini has no water whatever for irrigation. The water for stock and domestic purposes is furnished by a well, there being a tunnel run into the well from the lower side out of which the water flows into the field for stock. This tunnel is well covered over and was constructed prior to the time Maggini acquired the place. The cultivated land totals about 100 acres, 20 of which was not irrigated until 1908. The remaining portion of the ranch, however, is a very old right. In addition to the water from Three-mile Canyon, Mr. Maggini has a ditch leading from another canyon further north, but this canyon seldom ever flows enough water to reach his ranch. He states that he makes the very best possible use of the water while it flows, keeping it on the meadow all of the time. About one acre of garden lying in the canyon itself is also irrigated.

Mr. R. McCharles of Eureka first spoke to me regarding the issuance of a certificate of his water right in order that he might be able to make final proof on a desert entry, and I informed Mr. McCharles that a map would be necessary to accompany the proof. Later I saw Maggini who promised to have a survey made as soon as this office advised him whether or not it would be necessary for him to make an application for the water used on this desert entry, - as I advised him that it would.

Diamond Valley. 4.

Three miles above Maggini's is Taft Springs and Horse Canyon, which will be found under a report on proofs of appropriation numbers 01114 and 01115. A little less than a mile from Taft Springs, is a ranch owned by W. F. Cox, COX'S STRAUCH derives its water for irrigation from four canyons, namely Road, Neil, Judd, and Jackler Canyons. The latter three, however seldom flow enough water to benefit Mr. Cox materially, although Road Canyon will flow some water from April 1st to May 15th, the maximum at this time being about 1 1/2 sec. ft. It is used to irrigate 8 acres of alfalfa, said alfalfa lying in two separate pieces. This ranch has a vested right. The land already mentioned is all that is irrigated, but in addition there is 60 or 70 acres of natural meadow, upon which Mr. Cox cuts hay every year. There must be water very close to the surface in this vicinity, as I noticed a number of small springs in the field, beneficial however, only for stock use.

The next ranches above Cox's are owned by Jacobson who has filed proofs of appropriation numbers 01110 and 01111, and application number 2441, on their respective water sources, and a report will be found under these numbers.

Mr. H. Richardson of Bureau of Reclamation  
to be made in regard to the location of  
certificate of title in order  
that he might be able to make final proof  
of desert entry, and I therefore  
advised that a map would be necessary  
to accompany the proof later, and I  
promised to have a copy made as soon  
as this office should be able to  
it would be necessary to have the  
application for the certificate of title  
present entry, as I have this in my

PROOF OF APPROPRIATION NOS. 01114 & 01115.  
filed on  
HORSE CANYON & TAFT SPRINGS.  
by

Wels Toft, Birch, Eureka County, Nevada.  
(Inspected Oct. 14, 1912, by H. X. Payne.)

This ranch holds a vested right and is irrigated from both Taft Springs and Horse Canyon, the latter source being snow water which flows a maximum of 2 sec. ft. of water from March 15th to June 15th. Taft Springs do not vary in flow and consist of two sources only a few hundred feet apart. The smallest source, according to a measurement by which the velocity was determined with a current meter, flowed .25 of a sec. ft. and the larger source, by a similar measurement, 1.29 sec. ft. A reservoir 100 feet in diameter and 2 to 6 feet deep stores the water of the first spring, which is used to irrigate about 20 acres of alfalfa and grain. The second spring has a long narrow, and very irregular reservoir in connection with it, said reservoir covering an area of about 8 acres, and the water therefrom used to irrigate nearly 200 acres of meadow land. The springs are so arranged that the water from the smallest can be added to that of the largest if desired, and the ditches so arranged that the waste water from the ditch leading from the smaller spring is caught by the ditch leading from the larger spring. The water of Horse Canyon is used on the lower end of the meadow, but this is also irrigated by water from the springs. The appropriate cuts approximately 150 tons of hay from the meadow, and pastures the second crop.

PROOF OF APPROPRIATION NO. 01110.

filed on

ROCK CANYON.

by

Jorgen P. Jacobson, Birch, Eureka Co., Nev.  
(Inspected Oct. 14, 1912, by H. M. Payne.)

Mr. Jacobson has recently bought this ranch, though the initial right dates back 30 years or more. There is a spring in the field, but it is beneficial for stock only. The sole source of water for irrigation therefore, is derived from Rock Canyon. This source is snow water only which flows from March 15th to June 15th, the maximum at any time being about 2 sec. ft. Mr. Jacobson uses the water in the most advantageous manner possible while it lasts, and derives the benefit of one crop of hay. There is about 30 acres under cultivation.

PROOF OF APPROPRIATION NO. 01111.

filed on

BOX SPRINGS CANYON.

by

Jorgen P. Jacobson, Birch, Eureka Co., Nev.  
(Inspected Oct. 14, 1912, by H. M. Payne.)

This canyon is the next canyon above Rock Canyon just described. The water derived for irrigation therefrom is snow water which flows for 2 or 3 months of the year, the maximum at any one time not exceeding 2½ sec. ft. The ranch consists of approximately 35 acres of alfalfa, and holds a right under a priority of about 1872.

In connection with this source, Mr. Jacobson desires some information regarding a spring situated in this canyon about 2 miles above the ranch. This spring is



01111. 2.

small, - about one inch in flow, - and only reaches the ranch with the snow water in the spring of the year, but after failing to reach the ranch, is used for watering cattle. It has been used in this way for the past thirty years, but last spring, some tramp sheep herders camped there; and by so doing forced Mr. Jacobson's cattle away. This spring is not shown on the map in file in this office, but Mr. Jacobson is desirous of having his title recorded here and is willing to make a special map and file a proof of appropriation for stock purposes if this is necessary. He states that he can get an affidavit to the effect that the spring has been in use continuously for the past thirty years for stock purposes, and is willing to do anything which would perfect his right.

PROOF OF APPROPRIATION FOR STOCK PURPOSES

Mr. Jacobson, Director, Bureau of Land Management, Washington, D.C., is hereby notified that the following is a true and correct copy of the original of the above and certified to be correct by me, the undersigned, on this 14th day of October, 1914.

This spring is the best water in the area and is used for watering cattle. It has been used in this way for the past thirty years, but last spring, some tramp sheep herders camped there; and by so doing forced Mr. Jacobson's cattle away. This spring is not shown on the map in file in this office, but Mr. Jacobson is desirous of having his title recorded here and is willing to make a special map and file a proof of appropriation for stock purposes if this is necessary. He states that he can get an affidavit to the effect that the spring has been in use continuously for the past thirty years for stock purposes, and is willing to do anything which would perfect his right.

PROOF OF APPROPRIATION NO. 01089.

filed on  
BENNETT SPRING.

by

Angelo Dapoli, Eureka, Eureka County, Nevada.  
(Inspected Oct. 25, 1912, by H. M. Payne.)

This spring lies about a mile and one half above Mr. Dapoli's field described under Proof No. 01133. The flow of the spring is limited to about  $\frac{1}{4}$  of an inch, and is conserved in a reservoir about  $\frac{1}{4}$  a mile below the head of the spring, said reservoir being 40 x 60 x 4 feet deep. The water of this spring has been used for the past 14 years by Mr. Dapoli, to irrigate a small garden at the upper end of his ranch. It requires 5 or 6 days for this reservoir to fill, and when used, lasts about 6 hours. This is an individual right which is not connected with the rights on Simpson Creek.

Notes on

RANCHES NORTHWEST OF EUREKA, NEVADA.

1. THE HAY RANCH.

The Hay Ranch is owned by Regli, and lies 12 miles northwest of Eureka. It is irrigated principally by snow water, although there is a small spring near the house. The ranch consists of 60 or 70 acres of meadow, and quite a large piece of cleared meadow and salt grass pasture land, of about 250 or 300 acres in area. The right is an old one, dating back many years and there are no other users in this vicinity.

2. THE THREE-BAR RANCH.

This is owned by Damalle Brothers, and is 40 miles northwest of Eureka located in approximately T 23 N., R 49 E. It consists of three or four hundred acres of cultivated land, mostly alfalfa. The land lies in a strip three miles or so long, and derives all of the water necessary for irrigation from snow water. It is an old right.

3. THE TONKIN RANCH.

This ranch is owned by Damalle. The water for irrigation is derived from a spring which flows about 1 sec. ft. of water and serves to irrigate about 100 acres of land, principally alfalfa. A little snow water probably increases the flow of this spring in the spring of the year, but the snow water does not last very long.

4. THE WILLOW CREEK RANCH.

This ranch lies on the opposite side of the mountain and about 16 miles due north of The Roberts Creek Ranch, and was

visited at the request of Civil Engineer Nickerson, who stated that Pete Carletti, the owner of the place, had spoken to him regarding the making of a cultural map, to have his water right recorded. The ranch is an old one, Mr. Carletti himself having lived there for the past 18 years. The water for irrigation comes principally from three canyons, known as Willow, Birch, and Kelly. There are a few small springs in Kelly and Birch Canyons, but these are too small to flow to the field except in the spring of the year, when they flow down with the snow water. After the snow water ceases to flow, however, they are used for stock watering, as Mr. Carletti has a number of cattle, which range in this vicinity. There is a fair sized spring in Willow Canyon, located about  $2\frac{1}{2}$  miles above the house. This spring furnishes all of the water which Mr. Carletti has after the snow water subsides, and, according to a measurement, was found to flow .2 of a sec. ft. The snow water from Kelly Canyon is ditched to Birch Canyon, and the two together would not exceed about 3 sec. ft. in flow in the spring, and would only run for about two months.

The irrigated land lies in two separate pieces, there being about 125 or 130 acres in the lower field, said field consisting principally of alfalfa, and irrigated entirely by the snow water. Near the house is about 23 acres of alfalfa and garden, which is irrigated from both snow water and from Willow Creek.

Carletti is the only user in this vicinity.

In addition to this place, Mr. Carletti claims water from two other canyons, namely

Dry Creek and Gable Canyon. In Dry Creek Canyon there is a small spring, which flows about  $\frac{1}{2}$  of an inch and is used to irrigate  $\frac{1}{2}$  of an acre of garden, and a little pasture. Said spring is also used for stock purposes, the right dating back 20 years. Gable Canyon Spring is a little smaller than the one in Dry Creek Canyon, and has been used by Carletti for the past 18 years for stock purposes. He keeps the spring cleaned out, and has barrels for stock watering, although these barrels have recently been destroyed. Mr. Carletti should file a map and a proof for stock purposes on this spring.

#### 5. THE ALPHA RANCH.

This place is at present owned by John Boitana who has been in possession for the past two years. It located about 10 miles east of Carletti's, and at what is known as Alpha Station on the Eureka-Nevada Railway. The ranch is irrigated principally from snow water from Vanini Creek, but also has a spring which flows approximately  $\frac{1}{2}$  of a sec. ft. of water. The land is meadow and meadow pasture land, and is several hundred acres in area. The right is an old one. It is located in what is known as GardenValley.

#### 6. THE HENDERSON RANCH.

The Henderson Ranch lies about 8 mile from Roberts Creek, and is owned by the Sa Sadler Estate. It is only a small place, and irrigated principally from snow water flowing through Henderson Creek, -It is an old right.

Notes on

THE RANCHES ON THE ROAD BETWEEN EUREKA AND MINERAL HILL, EUREKA COUNTY, NEVADA (taken by E. M. Payne, Nov. 18, 1912.)

After leaving Eureka, the first ranch on the road to Mineral Hill is the Sulphur Ranch owned by Romano, and irrigated from springs by that name. The springs are small and all of the water from them is appropriated during the summer. The land under cultivation from this source is grain and alfalfa, and will not exceed 40 acres in area. There is some pasture in the ranch but this is probably not irrigated.

About three miles further is the home ranch of Romano, who has a small spring for irrigation, the extent of the irrigated land being 35 acres. Most of this is alfalfa and grain. Mr. Romano has some natural meadow land fenced and may get a little hay from it, but does not irrigate it.

Three miles beyond Romano's home ranch is the ranch of Wallace Bailey, who has 100 or more acres under cultivation, and is irrigated from Bailey Spring. There is a reservoir at the spring to control the means of using the water. This is an old right and there is no other user on the source. The owners have filed proof of appropriation No. 01104 on this source and should be granted a certificate.

Two and one half miles beyond Bailey's is the Sadker Ranch which is irrigated from a large spring known as the Big Shipley Spring. I intended to take an accurate measurement of this source, but was unable to do so on account of there being a break in the dam at the reservoir, and the water

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not confined to any one channel. By an estimate, I should place the flow of this spring at about 8 sec. ft. or a little more. The reservoir used in connection with this source is quite large, covering an area of about 2 acres. The acreage of land under cultivation from this source is hard to determine. Mr. Edgar Sadler informed me that there was nearly 3000 acres of land in the ranch, about 250 acres of which is alfalfa, grain and garden, the rest being meadow land, part of which is cut for hay and the remainder being used for pasture. Mr. Sadler puts up several hundred tons of hay but is unable to tell how many acres is cut. Mr. Sadler and Mr. Romano have recently had some contention regarding the use of this water. Romano has some land down in the valley below Sadler's and for some years has received the benefit of the waste water from Sadler's field when the latter is irrigating. In the winter time the water is turned down through Sadler's ranch and finally reaches this land of Romano's. At the present time, Romano is endeavoring, through the courts, to gain a title to a portion of the water from this spring.

Four miles above Sadler's, is the ranch of John Siri, who has a spring which furnishes water for the irrigation of 50 to 100 acres of land, and like the ranches previously mentioned is an old fight, dating back 30 years or more.

Seven miles above Siri's, is the Scott Ranch which has recently been purchased by Joseph Flynn of Mineral Hill. There is a good spring here, but it is situated so low that water must be pumped from it to the land for irrigation. There is only about 25 acres under cultivation at present, but Mr. Flynn states that he intends breaking up a great deal more and putting in alfalfa. The rights are old ones.

Notes on Pine Creek.

Oct. 15-1910

Eureka County, Nevada

Information provided by S. Maples.

The first ranch out of Palisade is the Eberts Ranch, irrigating about 100 acres. Priority of about 1880 or earlier.

The next ranch (going upstream) is T.H. Jewell's. Small ranch 100 acres alfalfa potatoes & wild hay. Priority 1885 (?)

3<sup>d</sup> Ranch (upstream) J.P. Davis About 300 acres, uses both Pine Creek and Paddleford Canyon water. (east side) Priority before 1870

4<sup>th</sup> Ranch - Mrs J.R. Egan. About 500 acres pasture & wild hay. Water mainly comes from springs. Ranch was very wet but is better since big flood in Pine Creek due to cutting down the channel and thus providing drainage. Priority 1870(?)

5<sup>th</sup> Ranch The Evans Ranch (partly owned by Maples and part by Egan). 200 acres in meadow and wild hay. Priority before 1871 - Springy.

6<sup>th</sup> C.H. Rand. - About 250 acres wild hay. Uses water of Pine Creek & Trout Creek. Trout Creek rises in Pine Mts.

Priority (Frank Parry predecessor in int. to Rand) before 1871



7<sup>th</sup> Maple Ranch - S. Meeks.

About 240 acs in mild hay & alfalfa.  
Uses water of Pine and Smith Creeks.  
Priority before 1871.

8<sup>th</sup> "Hay Ranch" of J.P. Faines

600 acres all in mild hay.  
All irrigated from Pine Creek and occasionally  
a little water from Willow Creek on East  
Side.

Priority before 1871

9<sup>th</sup> "Charley Hale Ranch"

About 250 acres mild hay.  
Pine (or Hot Creek) water.  
Priority about before 1870

Hot Creek rises in the hills east of Pine  
Valley and flows into Pine valley, thence  
northerly when it is called Pine Creek.

Pine Creek is a considerable stream  
in the spring, tributary of the Humboldt  
but excepting for the floods it does  
not run more water than is provided by  
Hot Creek.

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Notes on Menzell water rights.  
Eureka County.

The Menzell Ranch is irrigated by  
the water of

Hansen Creek. a creek heading in the  
north side of Roberts Mts. There  
are no other appropriators on this creek.  
No gaugings.

PROOF OF APPROPRIATION NO. 61068.

filed on

THE RUBY HILL WATER WORKS.

by

Eureka Land and Stock Company, Eureka.

(Inspected Sept. 28, 1912, by H. M. Payne.)

The source of the Ruby Hill Water Works comes from two separate sets of springs, known as the Seabury and the Luck Springs. The water source at each of these springs is entirely developed, each group of springs consisting of 4 or 5 tunnels from 50 to 400 feet in length, nearly all the tunnels being timbered to prevent caving. They were constructed sometime in the early 70's to supply the mines and town of Ruby Hill with water, and must have cost an enormous amount of money at that time. From each of the two groups of springs there is a pipe line, two said pipe lines connecting about half way between Ruby Hill and the two respective water sources, and the water in these pipe lines flowing to Ruby Hill by force of gravity. The total length of the pipe lines is about five miles. The total minimum flow of the springs is approximately .04 but this increases some in the spring of the year..

At Ruby Hill, there are 5 tanks, two of which are capable of retaining 40,000 gallons each, the other three having a capacity of 25,000 gallons each. In past years these tanks furnished the water supply for the mines and mills as well as water for the town. At present there are no mines in operation at Ruby Hill, but the water is utilized for town purposes and a small portion of it rented to the Windfall Mining Company.

The Eureka Land and Stock Company gained possession of these springs, etc.,

