



# WATER-RIGHT DOCKET

## Bryce Canyon National Park

Docket No: 8

TROUGH SPRING

State Water Rights Documentation

00-00-0000: court documents in the matter of general determination of water rights to the use of water

Form 114  
25M 4-63

*Judicial Docket # 8*  
*ACQUIRCS RIGHTS*

IN THE .....SIXTH..... JUDICIAL DISTRICT COURT, IN AND FOR THE  
COUNTY OF .....WAYNE..... STATE OF UTAH

IN THE MATTER OF THE GENERAL DETERMINATION  
OF RIGHTS TO THE USE OF WATER, BOTH SURFACE AND  
UNDERGROUND, WITHIN THE DRAINAGE AREA OF THE  
COLORADO RIVER IN KANE, GARFIELD, WAYNE, PIUTE,  
EMERY, SEVIER AND SANPETE COUNTIES, UTAH, AND  
EXCLUSIVE OF THE GREEN RIVER AND VIRGIN RIVER  
DRAINAGES. *BECA 5 16374858*

STATEMENT OF WATER  
USER'S CLAIM  
CODE NO. SERIAL NO.  
.....61.....48.....  
MAP NO. ....

NOTE: This blank is sent to you in accordance with Utah Law. The information called for herein will be used in connection with the adjudication of water rights on the above mentioned drainage area. All questions applicable to your claim must be answered fully, and one copy of this form must be filed with the Clerk of the District Court at .....  
.....Loa., Utah, within sixty (60) days from date of service of the attached Notice. A copy shall be filed with the State Engineer, State Capitol, Salt Lake City. Failure to file the attached Statement of the Water User's Claim with the Clerk of the District Court within the time stated will forever bar and estop you from asserting any right to the use of water from said drainage area.

1. Name of Claimant United States of America, National Park Service  
Bryce Canyon National Park Interest Claimed  
2. Address Bryce Canyon, Utah 84717  
3. Name of particular spring, spring area, stream, well, tunnel or drain from which water is diverted is .....  
Trough Spring in Garfield County.  
4. Priority date claimed 9/26/1923 Date when water was first used 9/26/1923  
Date when work on diverting system was first begun ..... Date when diverting system was completed .....  
Nature of work .....

5. Class of Right (Indicate by X):  
(a) .....Right to surface water initiated by beneficial use before 1903 Claim No. ....  
(b) .....Right to underground water initiated before 1935 Claim No. ....  
(c) .....Right decreed by court, cite title of case .....  
(d) .....Application filed, State Engineer's Office No. 9 426 Cert. of App. No. 1277  
(e) .....Right acquired by adverse use prior to 1939 .....

6. Nature (Indicate by X), Amount, and Annual Period of Use (by month & day):  
(a) .....Irrigation Sec. Ft. .... from ..... to ..... (both dates incl.)  
(b) .....Stockwatering Sec. Ft. .... from ..... to ..... (both dates incl.)  
(c) X Domestic Sec. Ft. 0.05 from January 1 to December 31 (both dates incl.)  
(d) .....Municipal Sec. Ft. .... from ..... to ..... (both dates incl.)  
(e) ..... Sec. Ft. .... from ..... to ..... (both dates incl.)

7. Direct Flow Appropriation (must be described with reference to U. S. Government Survey Corner)  
(a) Point of diversion from spring, spring area, stream, well, tunnel, drain .....  
S239561W 16190 ft. from SE corner, Sec. 34, T36S, R4W, SLRM  
(b) Description of spring area .....  
(c) Point of redirection or point of return to natural channel .....  
(d) If flow is intermittently diverted, list by number or description, all rights involved .....

8. Where water is used for irrigation purposes:  
(a) Area irrigated in legal subdivisions of land by 40-acre tract. (All sources of water for same land or lands must be described in each instance by name or claim number) .....  
.....  
.....  
.....  
(b) Do you get water under a ditch owned by several users ..... NO ..... If so, give names of all users and divisions of interest .....

9. Where water is used for Stockwatering:  
(a) Number of each kind of stock watered .....  
(b) All sources of water for same stock. (Describe by name or claim number) .....

10. Where water is used for Domestic: .....  
(a) Number of families or their equivalent ..... All sources of water for same use.  
(Describe by name or claim number) .....

UNION PACIFIC RAILROAD COMPANY

LAW DEPARTMENT

1416 DODGE STREET

OMAHA, NEBR. 68179

C-32482-31



C. BARRY SCHAEFER  
Vice President and Western General Counsel  
H. F. CORAY  
Senior General Solicitor  
WILLIAM P. HIGGINS  
General Commerce Counsel  
EDWARD A. DONAHOE  
General Contract Counsel

J. J. BURCHELL  
JEROME GIVEN  
H. LUSTGARTEN, JR.  
Assistant General Solicitors

ROBERT B. BATCHELDER  
W. DONALD BOE, JR.  
General Attorneys

JOHN J. CONNOR  
R. F. NIEHAUS  
VINCENT F. POWERS  
D. SCOTT RAILSBACK  
VALERIE W. SCOTT  
Asst. General Attorneys

JOSEPH D. ANTHOFER  
DANIEL P. MORISSEAU  
Attorneys

October 2, 1974

Mr. William L. Mekeel  
Legal Assistant  
Rocky Mountain Regional Office  
U.S. Department of the Interior  
National Park Service  
655 Parfet Street  
P.O. Box 25287  
Denver, Colorado 80225

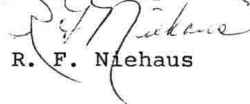
Dear Mr. Mekeel:

This supplements my letter to you of August 6 in connection with quitclaim deed from Los Angeles & Salt Lake Railroad Company, and its lessee, Union Pacific Railroad Company, to Utah Parks Company, covering all of the formers' right, title and interest, if any, in and to certain water rights in Washington, Garfield and Iron Counties, Utah, and in Coconino County, Arizona.

For your information, the recording data for the above-mentioned deed is as follows:

| County                  | Date    | Inst.No. | Book | Pages   |
|-------------------------|---------|----------|------|---------|
| Washington County, Utah | 9-23-74 | 163128   | 159  | 361-362 |
| Garfield County, Utah   | 8-30-74 | 133968   | 186  | 483-484 |
| Iron County, Utah       | 8-26-74 | 174464   | 198  | 547-548 |
| Coconino County, Ariz.  | 8-29-74 | 10050    | 518  | 601-602 |

Yours truly,

  
R. F. Niehaus

C. D. No. 32482-31

QUITCLAIM DEED

LOS ANGELES & SALT LAKE RAILROAD COMPANY, and its lessee, UNION PACIFIC RAILROAD COMPANY, corporations of the State of Utah, Grantors, hereby QUITCLAIM to UTAH PARKS COMPANY, a corporation of the State of Utah, Grantee, for One Dollar (\$1.00), all their right, title and interest, if any, in and to the water rights, waters of all springs and water wells arising or located outside the boundaries of Zion, Bryce and Grand Canyon (North Rim) National Parks and Cedar Breaks National Monument, but used in conjunction with the Grantee's facilities located in said Parks and Monument, in Washington County, Utah, Garfield County, Utah, Coconino County, Arizona, and Iron County, Utah; and in and to water rights and waters of all springs located within said Parks and Monument, including specifically the water rights from an unnamed spring located North 10° 54' West, 1,941 feet, from the Southwest corner of Section 11, Township 37 South, Range 9 West, SLBM, Iron County, Utah.

IN WITNESS WHEREOF, the Grantors have caused these presents to be executed on their behalf by their officers thereunto duly authorized as of the 31st day of December, 1971.

In Presence of:

DE Whitten

LOS ANGELES & SALT LAKE  
RAILROAD COMPANY  
UNION PACIFIC RAILROAD COMPANY,

By J. C. Hester President

Attest:

Assistant Secretary (Seal)

STATE OF NEBRASKA )  
                              ) ss.  
COUNTY OF DOUGLAS )

On this 1st day of August, 1974,  
before me, T. E. MIKKELSEN, a Notary Public in and  
for said County and State, personally appeared J. C. KENEFICK,  
known to me to be the President, and A. O. Mercer, known to  
me to be the Assistant Secretary of LOS ANGELES & SALT LAKE  
RAILROAD COMPANY and UNION PACIFIC RAILROAD COMPANY, the cor-  
porations that executed the within instrument, and known to me  
to be the persons who executed the within instrument on behalf  
of the corporations herein named, and acknowledged to me that  
such corporations executed the same pursuant to their Bylaws  
or Resolutions of their Board of Directors.

IN WITNESS WHEREOF, I have hereunto set my hand and  
affixed my official seal the day and year first above written.

(SEAL)



T. E. Mikkelsen  
Notary Public in and for said  
County and State

LA-20-15-4  
20-15-3  
20-15-1

Omaha, May 25th, 1935.

Mr. Geo. H. Smith - Salt Lake City:

Referring to your letter of April 25th, and subsequent correspondence, your file 1024-1-10, relative to water rights at Grand Canyon, Zion, Bryce, and Cedar Breaks;

The water supply at Grand Canyon is obtained from "Roaring Springs" located in Roaring Springs Canyon near the junction of Roaring Springs and Bright Angel Creeks. Water is pumped through approximately 12,250 feet of 3-1/2 inch pipe to three tanks, having a capacity of 350,000 gallons, located on the Rim 3870 feet above the pump house. From these tanks the water is supplied by gravity through 6 inch and 4 inch black iron pipe lines to the Lodge and Camp.

The pumping plant consists of three Logeman Bros. triplex pumps, each having a capacity of 52 gallons per minute and each being operated by a 50 horse power, 3-phase, 60 cycle, 2300 volt motor. The pumps are housed in a stone building located near Roaring Springs.

Power for pumping the water is obtained from a hydro-electric plant consisting of a small intake dam at the junction of Roaring Springs and Bright Angel Creeks, from which water is conveyed to the power house through a 26 inch redwood penstock, 2643 feet long, having a fall of 229 feet.

The power equipment consists of 3 units housed in a stone building located approximately 2800 feet south of the pumping plant. Two of the units consist of 100 horse power impulse wheels each direct connected to one 81-1/4 K.V.A., 3-phase, 60 cycle, 2300 volt generator. The third unit is a 110 horse power wheel direct-connected to a 90 K.V.A. generator. Current from this power plant is used at the Lodge and Tourist Camp in addition to the pumping plant.

Our right to use the water from Roaring Springs is not protected by water rights. An agreement between Utah Parks Co. and the Government, dated October 13th, 1927 (Paragraph B, Article III) authorized us "to lay, in accordance with plans and specifications approved by the Secretary of the Interior, water supply, drains and sewer pipes, conduits and mains necessary for a proper and adequate water and sewer system necessary for the enjoyment of the privileges herein granted".

Paragraph (c) of Article IV of the agreement provides "that it (Utah Parks Co.) will furnish water to the Government for use in the administration of the park at cost in the event it is found desirable to discontinue the present Government water supply system on the North Rim". However, this clause of the contract was superseded by a letter agreement, dated January 7, 1928, between E. E. Adams and M. R. Tillotson, Superintendent of the Park, in which it was agreed that water would be furnished the Parks Service free of charge "until the furnishing of same became burdensome".

-2-

We have never applied for or obtained a right from the State of Arizona to appropriate the water from Roaring Springs. This appears to be based on advice given by you in 1926.

The water supply at Zion is obtained from two sources designated respectively as the South Spring and the North Spring. The South Spring area is located approximately 1900 feet south and 1400 feet east of the Lodge and the North Spring area is located approximately 2100 feet north and 2400 feet east of the Lodge.

Water from the South Spring area is collected by means of a masonry dam and conveyed by gravity through a 3 inch pipe line, having a length of approximately 1700 feet and a fall of about 100 feet, to a concrete reservoir having a capacity of 51,400 gallons. From this reservoir the water is conveyed through approximately 1500 feet of 3 inch pipe line, having a fall of about 160 feet, to a point of connection with the pipe line conveying water from the North Spring, which is also the point of connection with the pipe lines distributing water to the various facilities in the park.

Water from the North Spring area is collected by means of a masonry dam and conveyed by gravity through a 4 inch pipe line, approximately 2167 feet long and having a fall of about 30 feet to two 150,000 gallon tanks. From these tanks the water is conveyed through approximately 2110 feet of 6 inch pipe, having a fall of about 170 feet, to the point of connection with the South Spring pipe line.

Our right to use the water from these spring areas is based upon an agreement between the Utah Parks Co. and the Government, dated June 9, 1923. Paragraph (B) of Article V of this agreement, in addition to authorizing us to lay water pipe lines, grants us the right "to enjoy the free use of the waters of the Park in supplying its (Park Company's) hotels, cabins, cottages, camps, stables, garages, etc., but not so as to drain or destroy the ordinary and natural condition of beauty of any spring or stream in the Park".

We have never applied for or obtained a right from the State of Utah to appropriate the water from these spring areas. This appears to be also based on advice given by you in 1926.

Under date of January 29, 1929 Mr. E. T. Scoyen, Superintendent of Zion National Park, advised Assistant Engineer S. J. Mayo, as follows:

"In connection with the water system it should be definitely understood that you will be allowed to take water out of the grotto area for use at Zion Lodge only so long as such water is not needed for use in the public auto camp. You should also extend our camp ground supply line to the new line which you will build in the grotto and place the end of this pipe in the dam at a level of at least six inches below the intake of your line. This merely confirms for purpose of record the conversation which I had with Mr. Urquhart and yourself relating to this matter."

-3-

The water supply at Bryce is obtained from three sources, as follows:

1. Shaker Spring, sometime called weather Spring, located in the N.E. $\frac{1}{4}$  of Sec. 16, T. 37 S., R. 4 W., approximately three miles south and three miles west of the Lodge.
2. Trough Spring, located in the S.E. $\frac{1}{4}$  of Sec. 16, T. 37 S., R. 4 W., about 1670 feet south of Shaker Spring.
3. East Creek Springs, also known as Big Springs, located in the S.E. $\frac{1}{4}$  of N.W. $\frac{1}{4}$  of Sec. 34, T. 36 S., R. 4 W., approximately two miles west of the Lodge.

In addition to the above, a Certificate of Appropriation was issued to L.A. & S.L.R.R. Co. in 1924, for 0.0011 second feet from Hopkins Spring located in the N.E. $\frac{1}{4}$  of Sec. 1, T. 37 S., R. 4 W., approximately one-half mile south of the Lodge.

#### SHAKER SPRING

The water from Shaker Spring is collected in a concrete head box and conveyed by gravity through a pipe line, having a length of 28,200 feet and an approximate fall of 434 feet, to the lodge site. The upper 12,175 feet of the pipe line consists of 4 inch pipe, the next 13,997 feet is 6 inch pipe, and the last 2028 feet is 4 inch pipe. The storage facilities consist of a concrete reservoir with a capacity of 43,167 gallons, constructed in 1925, and two wooden tanks, having a capacity of 150,000 gallons each, constructed in 1929. These storage facilities are located in the N.E. $\frac{1}{4}$  of Sec. 1, approximately 4000 feet south of the Lodge, and 24,000 feet from the spring.

The right to use this water is held by L.A. & S.L.R.R. Co. under Certificate of Appropriation No. 1382, for 0.20 second feet, recorded at Panquitch, May 5, 1925, with date of priority of January 2d, 1923. This water right was acquired, by assignment, from R. C. Syrett, on September 25th, 1923, in connection with the purchase of his camp and other property.

#### TROUGH SPRING

The water from Trough Spring is collected in a concrete head box at an elevation of approximately 320 feet above the level of the Lodge and is conveyed by gravity through approximately 1235 feet of 4 inch pipe to a junction with the Shaker Spring pipe line at a point about 1375 feet from the upper end of that line.

The right to use 0.05 second feet of water from Trough Spring is held by L.A. & S.L.R.R. Co., under Certificate of Appropriation No. 1397, recorded at Panquitch June 13, 1925, with date of Priority of October 18, 1923.

#### EAST CREEK SPRINGS

The water from East Creek Springs is collected by means of a system of concrete intakes and tiling into a 50,000 gallon concrete sump from which it is pumped through 10,520 feet of 4 inch pipe to a connection with the pipe line from Shaker and Trough Springs at a point that is 14,400 feet from the upper end of Shaker Spring line. The total lift from the springs to the reservoir is approximately 372 feet.

-4-

The pumping equipment consists of two 25 horse power type "Y" horizontal oil engines, belt connected to two 5 inch by eight inch Gould Triplex pumps, housed in a frame pump house, all constructed in 1925.

The right to use the water from seven springs in the East Springs area located in the E.  $\frac{1}{2}$  of S.E.  $\frac{1}{4}$  of N.W.  $\frac{1}{4}$  of Sec. 34, T. 36 S., R. 4 W., consisting of a flow of approximately 0.25 second feet, was acquired by deed, dated February 24, 1926, from the Tropic and East Fork Irrigation Co. The interest, if any, of W. J. Henderson in and to this water was acquired by deed dated March 22, 1926 in the purchase of 100 acres of land, including the land on which the springs are located.

The right to construct and maintain the portions of the pipe lines located on Government land outside of the Park proper is covered by Special Use Permits issued by the United States Forest Service on June 25, 1924 and July 7, 1925, respectively.

#### HOPKINS SPRING

The right to use water from Hopkins Spring, which is located near the rim of Bryce Canyon about seven hundred feet east of the reservoir and tanks referred to above, was originally applied for by R. C. Syrett who, on September 26, 1924 assigned his rights to L.A. & S.L.R.R. Co. in connection with the sale of his camp and other property to the Railroad Company. The Railroad Company filed Proof of Appropriation of the water from Hopkins Spring on November 1923 and a Certificate of Appropriation, No. 1321 (for 0.0011 sec. ft. with Priority of August 8, 1921), was issued to it on September 13, 1924 and recorded at Panquitch on September 23, 1924. On September 10th, 1928 the Railroad Company conveyed the right to use the water from Hopkins Spring to Utah Parks Company.

The water from the spring was conveyed by gravity through 20 feet of open ditch and approximately 1900 feet of 3/4 inch pipe to a concrete reservoir, having a capacity of 6480 gallons, and thence through approximately 850 feet of 3/4 inch pipe to the old Syrett camp site.

The flow from this spring was small, varying from 3 gallons per minute to almost nothing. In 1925 the pipe line was abandoned and its value retired from L.A. & S.L. accounts. The pipe line and reservoir were not dismantled, however, and in 1931 the Union Construction Co. was permitted to use the water from Hopkins Spring, without charge. Our files do not show whether the Construction Co. was able to develop any water from this source.

The water supply at Cedar Breaks is obtained from a spring located in Sec. 10, T. 37 S., R. 9 W., about three-quarters of a mile west of the Pavilion. Water is collected in a concrete box and is conveyed by gravity through approximately 1727 feet of 3 inch and 260 feet of 2-1/2 inch pipe to a concrete sump located approximately 3/8 of a mile west of the Pavilion. The approximate fall from the spring to the sump is 18 feet.

From the sump the water is pumped through approximately 1770 feet of 4 inch pipe to a steel tank having a capacity of 8,000 gallons. The lift from the pump to the tank is approximately 187 feet. The pump house equipment consists of a Dening single-acting, triplex plunger pump, belt-connected to a Fairbanks Morse, 10 horse power oil engine.

The right to use the water from the spring is covered by Certificate of Appropriation from the State of Utah No. 1494, Application No. 9386, recorded at Parowan, Iron County, Utah on pages 285 and 286 of Water Claims.

The right to use a 100 foot square area around the spring and a 15 foot right of way from the spring to the Pavilion is covered by a Special Use Permit from the Forest Service, dated April 17, 1924.

The water used at Grand Canyon and Zion rises within the park areas at those points. The water used at Cedar Breaks and from Shaker and Trough Springs at Bryce rises on the Dixie Forest Reserve. The water from East Creek Spring at Bryce rises on land owned by the L.A. & S.L.R.R. Co.

All facilities within the park areas were constructed with the approval of the Park Service. We do not have in our Omaha files a complete record of the dates on which the plans for certain of the facilities were submitted to and approved by the Park Service and Mr. Hansen has been requested to develop such additional information as may be in the files at Cedar City, together with data relative to the amount of water being obtained from Shaker and Trough Springs at Bryce and condition of the pipe lines from them.

The proposed pipe line from the North, or Grotto, spring area at Zion was approved by Acting Director of National Park Service on February 6th, 1929. A print of the approved map of this proposed pipe line, (C.E. Drawing No. 30721) has been sent to you under separate cover. The following additional maps have also been sent:

| DRAWING NO. | SCALE     | SHOWING                                           |
|-------------|-----------|---------------------------------------------------|
| 50679       | 1" = 200' | Tourist facilities at Grand Canyon                |
| 50516       | 1" = 50'  | " " " Zion                                        |
| 50136       | 1" = 50'  | " " " Bryce                                       |
| 42998       | 1" = 400' | Pipe line from Shaker and Trough Springs at Bryce |
| 43667       | 1" = 400' | 4" auxiliary pipe line at Bryce.                  |
| 51239       | 1" = 20'  | Tourist facilities at Cedar Breaks.               |

If further information is desired, please advise.

4  
CC - Mr. H. A. Hansen - Cedar City.

H. C. MANN.

Will you kindly furnish Mr. Smith with such additional pertinent information as may be in Cedar City files, particularly with reference to dates of approval by the Park Service of the location and construction of the water supply and distribution systems.

H.C.M. ✓



DUPLICATE

Form F-20-A

# CERTIFICATE OF APPROPRIATION OF WATER

APPLICATION NO. 9406

STATE OF UTAH

CERTIFICATE NO. 1337

COLORADO RIVER WATER DIVISION

Whereas, It has been made to appear to the satisfaction of the undersigned, State Engineer of the State of Utah, that the appropriation of water from Trough Spring in Garfield County, made by Los Angeles & Salt Lake Railroad Company has been perfected in accordance with the application therefor, received in the office of the State Engineer on the 18 day of October 1923 and recorded on page 326 in book D-4 of the record of applications to appropriate water; Wherefore, Be it known that I, George M. Bacon, State Engineer of the State of Utah, under and by authority and direction of the provisions of the Compiled Laws of Utah, 1917, as amended by Chapter 67 of the Session Laws of Utah, 1919, "Water Rights and Irrigation," do hereby certify that the said Los Angeles and Salt Lake Railroad Company of Salt Lake City in Salt Lake County, State of Utah, is entitled to the use of 0.05 of a cubic foot of water per second, subject to the following restrictions, to-wit:

The water is diverted from said Trough Spring at a point S. 25°56' W. 16190 ft. from the SE corner of Sec. 34, T. 36 S., R. 4 E., S. E. E. & M. The diverting works consist of a 4" and 6" Matheson Joint Steel Pipe, wrapped and dished, being 28,050 ft. long and a concrete reservoir having a capacity of 44,825 gallons.

The water is used from January 1st to December 31st inclusive, of each year, for domestic and culinary purposes at Bryce Canyon Camp and also, if necessary, for fire protection along the course of the pipe line.

The diverting works are to be maintained in such condition as will prevent an unreasonable loss of water.

The date of the appropriation is October 18th, 1923.

In Witness Whereof, I have hereunto set my hand and affixed the seal of my office this 29th day of May A. D. 1925

GEO. M. BACON  
STATE ENGINEER

Form No. 1

File No. 2406

# Application to Appropriate Water for Domestic and Municipal Purposes STATE OF UTAH

65-48

Before filling in this blank, read carefully "Rules and Regulations" on the back hereof,  
and the notes in the body of it.

Cedar City, Utah Sept. 24, 1923

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for domestic and municipal purposes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Compiled Laws of Utah, 1917, as amended by the Session Laws of Utah, 1919.

Note.—The information given in the following blanks should be free from explanatory matter, but when necessary a complete supplementary statement should be made on page 2 under the heading "Explanatory."

- The name of the applicant is Isabel and Salt Lake Railroad Company
- The post-office address of the applicant is Salt Lake City, Utah
- The flow of water to be used, in cubic feet per second, is 0.5
- The quantity of water to be appropriated, in acre feet, is (see note under Explanatory) \_\_\_\_\_
- The water is to be used each year from January 1st to December 31st  
(Month) (Day) (Month) (Day)
- The water is to be stored each year from \_\_\_\_\_ to \_\_\_\_\_  
(Month) (Day) (Month) (Day)
- The river system or drainage area to which the direct source of supply belongs is Panguitch River
- The direct source of supply is Spring, sometimes called "rough Spring"  
in Garfield County.
- The ~~point of diversion from stream~~  
(Strike out one not needed)  
point of issuance of spring is situated at a point S. 23° 56' W. 16190 feet  
from W.C. at S.W. corner Sec. 34 T. 36 S. R. 4 W. Salt  
Lake Basin and Meridian.

Note.—The "point of diversion" or "point of issuance of spring" must be located definitely by course and distance or by rectangular distances with reference to some United States land corner or United States mineral monument, if within a distance of six miles of either, or if a greater distance to some prominent and permanent natural object.  
No application will be received in which the "point of diversion" or "point of issuance of spring" is not described definitely. Any change made in this description after application is received and before approved will bring down the priority of application to the date when amended application is received.

- The diverting works will consist of Masonry or concrete head box and  
pipe line.
- The cross-section of the diverting channel will be 11 10  
(Strike out the ones not needed)
- The nature of the diverting channel will be: earth, wood, iron, concrete.  
(Strike out the ones not needed)
- The length of the diverting channel will be approximately 1400 feet
- The top width of the diverting channel will be (if a ditch) \_\_\_\_\_ feet
- The bottom width of the diverting channel will be (if a ditch) \_\_\_\_\_ feet
- The depth of water in the channel will be (if a ditch) \_\_\_\_\_ feet
- The width of the diverting channel will be (if a flume) \_\_\_\_\_ feet
- The depth of water in the channel will be (if a flume) \_\_\_\_\_ feet
- The diameter of the diverting channel will be (if a pipe) 2 or 4 inches
- The grade of the diverting channel will be 0.36 feet per mile

\*Leave blank.

## EXPLANATORY

82

Note.—Never use Paragraph 4 on preceding page except when it is intended to store the water to be appropriated; in such case the volume of water to be stored should be given in acre feet in that space. The time during which the water is to be stored in the reservoir should be stated in Paragraph 6, and the time during which it is to be released and used should be set forth in Paragraph 2. The lands to be irrigated by the reservoir must be described in the space below this note as nearly as may be and by governing subdivisions if upon surveyed land. The area of the reservoir when at full stage should be given in acres in the same space. If the reservoir is located on a natural stream bed and the water is to be released from the reservoir into the natural channel it should be so stated in the space below, and the point where it will be rediverted from such stream should be described in Paragraph 9 and the center of the impounding dam of such reservoir should be described in the space below in accordance with note in Paragraph 9. The data given in Paragraphs 10 to 20, inclusive, should be relative to the works used to divert the water from the natural channel. All other works should be described in the space below this note except when the water is not stored in the natural channel of the stream from which it is to be appropriated; in such case the point of diversion is the place where the water is taken from the supplying source and should be described in Paragraph 9, the center of the impounding dam described in the space below, and Paragraphs 10 to 20, inclusive, should describe the diverting works. In case the application is made for the water from a number of springs, the point where the water is collected should be described as the point of diversion and the works below it described as the diverting works; those above it should be described as the collecting works in the space below. Each spring should also be described in the space below in accordance with note in Paragraph 9. Where the source of supply is in reality a spring area, the point of diversion is the point where the water will be collected.

The following additional facts are set forth in order to define more clearly the full purpose of the proposed appropriation:

Water being diverted the water will be carried approximately 1400 feet in a 2 or 4 inch iron pipe to a junction with pipe line from Shaker Spring. Thence to Bryce Canyon Hotel site in Sect 36, T36N, R4W Salt Lake Base and Meridian and there used for domestic and culinary purposes the year round. Length of pipeline from Shaker Spring to Hotel site is approximately 2000 ft.

Salt Lake City, Utah  
By George H. Smith  
Its General Attorney  
Signature of Applicant.\*

\*If applicant is a corporation or other organization, signature must be in the name of such corporation or organization by its proper officer.

STATE OF UTAH, }  
County of Salt Lake } ss.

George H. Smith am a citizen of the United States  
(Strike out one not needed)  
and that Salt Lake City is a corporation duly organized and existing under the laws of the State of Utah, with its principal place of business at Salt Lake City, Utah.

(Seal)

Subscribed and sworn to before me this 25<sup>th</sup> day of September, 1923

My commission expires

George H. Smith

326

(This page not to be filled in by applicant)

### State Engineer's Endorsements

Dates: 12-15-1924

- 12-15-1924 Application received in State Engineer's office.
- 12-15-1924 Priority of application brought down to, on account 1
- Dec 29, 1924 Application examined and filed
- Application returned to \_\_\_\_\_ for following corrections: \_\_\_\_\_

- Corrected application returned to State Engineer's office.
- Corrected application examined and \_\_\_\_\_
- Application rejected and returned to applicant for the reason \_\_\_\_\_

- Jan 28, 1925 Application approved and returned to applicant of J. S. Galt.  
This application is approved on the following conditions:
  - That actual construction work shall begin within six months.
  - That the appropriation shall be fully completed by June 1, 1925
  - \_\_\_\_\_

H. E. Satchell  
State Engineer.

### State Engineer's Memoranda

Dates: Jan 25, 1923

- Jan 25, 1923 Fee for filing application paid \$ 2.50
- Oct 24, 1923 Cost of publishing notice deposited \$ 15.00
- Nov 2, 1923 Publication began and was completed Nov 9, 1923
- Notice published in Utah State Engineer's Office
- Application protested by \_\_\_\_\_

- Jan 26, 1924 Fee for recording and approving application paid \$2.50.
- Time for making proof of appropriation extended to \_\_\_\_\_
- Proof of appropriation submitted Dec 27, 1924
- May 4, 1925 Fee for issuing certificate of appropriation paid \$1.00.
- May 29, 1925 Certificate of appropriation, No. 137, issued.

I hereby certify that the foregoing is a true copy of the application made by \_\_\_\_\_  
to appropriate water and of the endorsements thereon as shown by the records of  
my office on the date given below.

Salt Lake City, Utah, \_\_\_\_\_, 19\_\_\_\_ State Engineer.

File No. 7106 Recorded Sept. 26, 1923

**Docket Information**

Number of Documents in Docket 13

Documents Dated from 9/25/1923 to 10/2/1974

Docket Compiled: 2/8/2011