



WATER-RIGHT DOCKET

Lake Mead National Recreation Area

Docket No: 8

KELSEY SPRINGS (FORMERLY ANGEL SPRINGS).

Preliminary Docket Information

07-09-1974: water right/source docket information

WATER RESOURCES/WATER RIGHTS		DATE: July 9, 1974	
<u>WATER RIGHT/SOURCE DOCKET INFORMATION</u>			
REGION	Western	AREA	Lake Mead National Recreation Area
SITE			
STATE	Nevada	COUNTY	Clark
		DOCKET NO	WR #8
LOCATION SW 1/4 NW 1/4 Sec. 20, T16S, R68E			
REGIONAL BASIN		LOCAL BASIN	
ACQUIRED BY Purchase from Alien			
APPLICATION	1802	PERMIT	1802
		CERTIFICATE	296
ACTION DUE		PRIORITY	August 22, 1910
		RESERVATION	
QUANTITY	0.56 c.f.s.	USE	Irrigation and Domestic
STATUS		SOURCE Spring	
REMARKS Hydrologic unit #15030101			

NARRATIVE: Application No. 1802 was filed on August 22, 1910 by Sanford A. Angell with the State of Nevada to appropriate 1.5 c.f.s. of water from Angel's (Kelsey's) Springs for use in irrigating 80 acres and for domestic purposes. Kelsey originally owned the land on which the spring is located and later sold the land to Angell. The spring has been described as 10 small springs or seeps which have been developed by means of open cuts, and the flow of all of them combined by ditches for the use described above. Permit No. 1802 was issued to Mr. Angell on May 7, 1912 by the State Engineer to appropriate 0.8 c.f.s. On December 14, 1916, the Certificate of Appropriation of Water No. 296 was issued to Sanford Angell for irrigation and domestic use appropriating 0.56 c.f.s. In a memo of October 14, 1952 from the Regional Chief to Mr. A. van V. Dunn, the development at Angel's Spring was described as follows:

The spring originates in a 3' X 4' X 6' concrete collection box against the side of the hill. The water is conducted by pipe to a covered wooden stave storage tank approximately 12' X 8'. A pump house with a chlorinator distributes the water from the storage tank.

It appears that the National Park Service obtained title to this spring subsequent to Mr. Angell obtaining a water right certificate. The spring seemed to have first been used by the Park Service at the Overton Ranger Station and then at the temporary Overton headquarters location.

On December 24, 1953 a memo supplementing an agreement of Jan. 14, 1953 between the Department of Interior, Bureau of Reclamation, and National Park Service and the State of Nevada for the lease of wildlife management areas in the Lake Mead NRA and the Boulder Canyon Project Area stated in reference to Kelsey (Angel) Spring:

The lessor shall retain control of and the use of water arising from Kelsey Springs now covered by Water Right Application No. 1802, Certificate No. 296, with the State of Nevada, dated December 14, 1916, provided that the lessee may be granted the use of water in excess of the Lessor's requirements if needed for domestic purposes.

The lease provided for a term of twenty-five years from January 14, 1953. C.E. Johnson, Acting Superintendent of Lake Mead, in a memo dated Jan. 18, 1968 to the Supervisory Hydraulic Engineer stated briefly:

"Angel Springs, formerly the water source for the National Park Service facilities at Overton, Nevada, has been turned over to the Nevada Fish and Game, by agreement. The spring was relinquished, with other facilities, and is no longer used by the National Park Service."

Compiled by M. Ackerman

Approved by W. Werrell

Page 1 of 1

Application No. 1802

Certificate Record No. 296 Book 3 Page 296

THE STATE OF NEVADA
CERTIFICATE OF APPROPRIATION OF WATER

WHEREAS, Sanford A. Angell- - - - - has presented to the State Engineer of the State of Nevada Proof of Application of Water to Beneficial Use, from - - - - -
- - - - - Kelsey's Springs- - - - -
through Angell's ditches- - - - - for - - - - -
- - - - - irrigation and domestic- - - - -
being
purposes, the point of diversion of water from the source/as follows: Within the SW $\frac{1}{4}$ of
NW $\frac{1}{4}$, Sec. 20, T. 16 S., R. 68 E., M. D. B. & M.- - - - -
situated in Clark County, State of Nevada.

NOW KNOW YE, That the State Engineer, under the provisions of Section 72, Chapter 140, Statutes of 1913, as amended by Chapter 253, Statutes of 1915, has determined the date, source, purpose, and amount of such appropriation, together with the place to which such water is appurtenant, as follows:

Name of appropriator Sanford A. Angell- - - - -
Postoffice address Overton, Clark Co., Nevada.- - - - -
Amount of appropriation 0.56 cubic foot per second.
Period of use, from Jan. 1st to Dec. 31st. of each year
Date of priority of appropriation August 22nd, 1910.

Description of irrigated land to which water is appurtenant is as follows: - - - - -
21 acres in the SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 20, T. 16 S., R. 68 E., M. D. B. & M.
35 " " " NW $\frac{1}{4}$ " SW $\frac{1}{4}$ " " " " "
56 acres-- - - - - TOTAL- - - - -

Kelsey's Springs consist of ten small springs or seeps which
have been developed by means of open cuts, and the flow of all of them
combined by ditches for use on the land herein described. - - - - -
- - - - -
- - - - -
- - - - -

The right to water hereby determined is limited to the amount which can be beneficially used, not to exceed the amount above specified, and the use is restricted to the place where acquired and to the purpose for which acquired.

IN TESTIMONY WHEREOF, I, W. M. KEARNEY, State Engineer
of Nevada, have hereunto set my hand and the seal of my office, this
14th day of December, A. D. 1916

W. M. Kearney
State Engineer



S. Case

1801 1802

II. Dimensions of works:

(a) Height of dam, 2 feet; length of dam at top, _____ feet, length of dam at bottom, _____ feet; material used in construction (wood, earth stone or concrete) _____

(b) Capacity of reservoir _____ acre-feet.

(c) Size of headgate—width, _____ feet; height, _____ feet.

(d) Ditch (flume or pipe)—width at bottom, 4 1/2 feet width at water line, 4 1/2 feet; depth of water, _____ feet. Average grade per mile is 1 1/2 feet. Length of ditch is 3/4 miles, and crosses the following quarter sections: S 2 1/4, Sec. 30, and N 2 1/4, Sec. 31, T. 19 S. N. R. 6 E. East

to N 1/4 Sec. 32 _____ which is the point of intended use.

APPROVAL OF STATE ENGINEER

The number of this permit is 1801.

Date of receipt of first application Aug-22 1910.

Return to applicant for correction _____ 19____.

Corrected application received _____ 19____.

Last notice published Sept. 23 1910.

Recorded in Book I, page 1801.

Approved, May-20 1911 for waste water only.

This is to certify that I have examined the within application for a permit to appropriate the public waters of the State of Nevada, and hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated not more than 16 cubic feet per second.

The construction of the within described works to be commenced not later than June-15th 1911

One-fifth of the work above specified to be completed on or before June-15th 1912

The whole of said work to be completed on or before Oct. 1-1913

The time for the proof of beneficial use of water appropriated in accordance herewith, to extend to Oct. 1-1914

Witness my hand this 20th day of May, 1911

Proof of labor filed Aug. 10-1911
Map filed Oct. 2-1911

REMARKS

Proof of completion of work filed JUL 15 1915
Proof of beneficial use filed OCT 24 1916
Map filed SEP 27 1916

This permit is issued for waste water only, and subject to all prior existing appropriations

Cancelled because of failure to file

proof of commencement of work JUL 15 1911

Reinstated upon applicant filing proof AUG 10 1911

W. M. KEARNEY

State Engineer.

W. M. KEARNEY

State Engineer.

The time for filing proof of beneficial use of water hereunder is hereby extended to October 1st 1913

Witness my hand this 20th day of Sept. 1911

Certificate No. 341 Book 3 Page 341 Issued May 26, 1917

Geological Sur		UNITED STATES DEPARTMENT OF THE INTERIOR										Water Resources Division											
Experimental form: gw-gw (1966)		Ground Water Analysis																					
State	Nevada	County	Clark	Latitude	35	36	37	38	39	40	Longitude	118	119	120	121	122	Seq. No.	19	Date coll.	M	D	Y	
Local well No. a		Angel Spring		Owner b		Nat'l. Park Service		Collected by		Lab. Anal.		A-1		Project No.		NPS							
Lake Mead Nat'l. Rec. Area		Source: Spring		WB		Appearance		Wc		Wa		Lab. No.		59046		Sampling depth		26		29		Type c	
Kx10 ⁶		23.5T 348		R		KCl		143		2430		2		4		3		0					
pH		7.4		Temperature °F																			
SiO ₂		f 5.8		10 ml		43																	
Ca		2.93		10 ml		146		14.6															
Mg		10.2		10 ml		10.2		8.4															
Subtotal cations (Ca, Mg)																							
Na		50 → 250		0-100 ml		52.2		45															
K		50 → 250		0-10 ml		41.9		21		2.1		0.54											
Subtotal cations (Ca, Mg, Na, K)																							
HCO ₃		35.75		50 ml		23.20		12.53		25		2.5		4.11									
CO ₃		50 ml																					
SO ₄		20 → 200		ml		834		8.34		17.36													
Cl		25 ml		186		1.86																	
Mg · AgNO ₃		1.0																					
Source of data		79		Card Q		80		Q															
F		5 ml		Abs 1029		3.3		0.17															
NO ₃		11.5		10 ml		Abs 1709		2.0		0.32													
PO ₄		f		Abs																			
HPO ₄		%		H ₂ PO ₄																			
Total anions																							
B		1.33		1 ml		1.0																	
Al				ml																			
Abs (Al + Fe)																							
Remarks and explanation on other side																							
Provisional records, subject to revision.																							
Fe		f 1.88		25 ml		0.04																	
Total		ml		Abs		0.23		42		45													
Dissol.		ml		Abs																			
Mn		f		ml																			
Total		ml		Abs		46		49															
Dissol.		ml		Abs																			
Cu		ml				50		52															
Pb		ml				53		54															
Zn		ml				55		57															
Subtotal cations (Al, Fe, Mn, Cu, Pb, Zn)																							
Subtotal cations (Ca, Mg, Na, K)																							
Total cations																							
Dissolved solids		43.5971		1820		11.82		0															
Residue at 180°		42.5060		50 ml		58		63															
Dish No.		K-5		0.0911																			
Calculated		1740				64		69															
Hardness		26.05																					
Ca, Mg		18.20		10 ml		785		73															
Noncarbonate						580		74		77													
Color		5		78-79		5		Card R		80		R											

55045

State	County	Lat.	Long.	Seq. No.	Date	Samp. depth	c
-------	--------	------	-------	----------	------	-------------	---

Remarks:

Br _____ ml

26 28

I _____ ml

29 31

Alk. as CaCO_3

32 35

Free CO_2

36 38

SAR

39 41

RSC

42 44

Organics

MBAS (ABS) _____ ml

45 47

48 50

51 54

Provisional records, subject to revision.

a Master card A (21-34)

b Master card A (52-66)

c Type:

- | | |
|-----------|------------|
| 1. Pumped | 4. Spigot |
| 2. Bucket | 5. Bailer |
| 3. Forest | 6. Special |

d Source of data:

- | | |
|-----------------|----------------|
| 1. USGS | 5. Industrial |
| 2. UPHS | 6. Private |
| 3. State Health | 7. Educational |
| 4. State | |

Radiochemical

Alpha (pc/l)

55 57

Beta (pc/l)

58 60

Ra (pc/l)

61 63

U (ug/l)

64 66

Other data (67-79)^e

JOE O'NEILL

E. F. WILLIAMS

Chemist _____ Checked by _____

Date began APR 14 1966 Date transmitted _____

Punched by _____ Verified _____

^e Indicate constituent and card columns.

Card S 80 S

April 1959

	LAKE MEAD	VERTON HEADQUARTERS	IRRIGATION STUDY	
	Net	% of Gross	@	@
Gross Area	Irrigation	Area to be	5 AF/A/AN	8 AF/A/AN
	Area	Irrigated		
6.90 acres	5.27 acres	76%	26.35AF	42.16AF

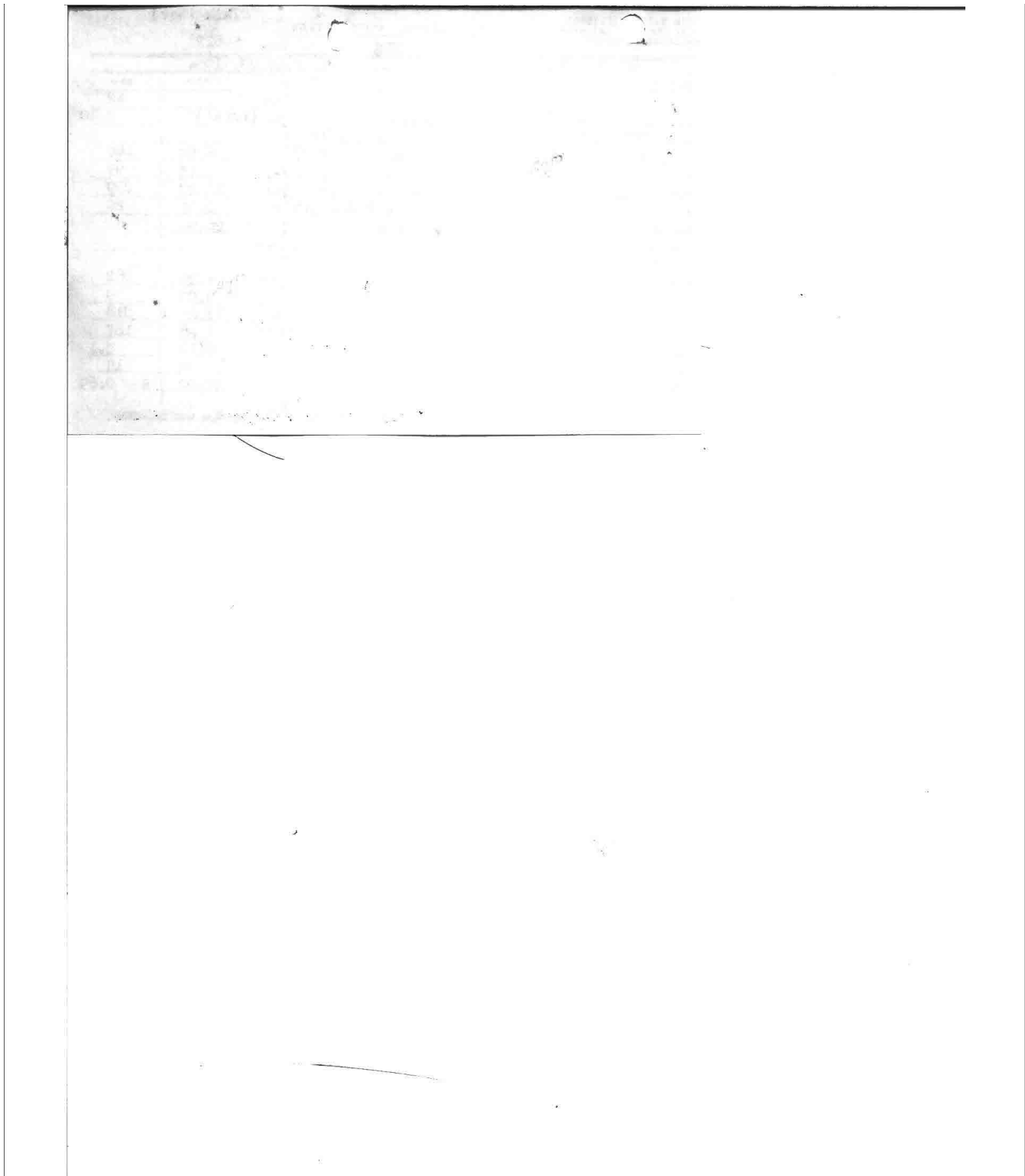
NOTE: Derived from Drawing No. 6986

FORM 9-1 (9-1960)
U. S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY

ANALYTICAL STATE MT. GW COUNTY Clark (Nev) 75783
NPS LAB NO. 54822 (6)

Location <u>Overton Headqtrs.</u>		Date of collection <u>Recd. July 20, 1964</u>
<u>E-1/2 sec. 30 T16S R68E</u>		
MDM		
Source (type of well) <u>Angel Spring</u>	Ignition Loss _____ Color <u>2</u>	SiO ₂ _____ ppm
Owner <u>NPS - Box 127</u>	Dissolved Solids: _____	Fe (total) _____ ppm
<u>Boulder City, Nev.</u>	Residue at 180°C <u>1,740</u>	
	Calculated (Sum) <u>1,710</u>	
	Tons per Acre Foot <u>2.33</u>	
Date drid _____ Cased to _____ ft	Hardness as CaCO ₃ <u>756</u>	Ca _____ ppm
Depth _____ Diam _____	Non-carbonate Hardness <u>542</u>	Mg _____ ppm
WSP _____	T. Me <u>42</u> SAR <u>4.1</u> pH <u>7.5</u>	NO _____ ppm
Water level _____ ft	Specific Conductance _____	K _____ ppm
Sampled after pumping _____ hrs	(micromhos at 25°C) <u>2,350</u>	Na + K _____ ppm
Yield <u>4</u> GPM (mass or sec) <u>flow</u>		
Pt of coll <u>Angel Spring</u>		HCO ₃ _____ ppm
Appearance <u>Clear</u>		CO ₃ _____ ppm
Temp (°F) <u>70</u> Use <u>Dom.</u>		SO ₄ _____ ppm
Collector _____		Cl _____ ppm
Chemist <u>KO</u>		F _____ ppm
Date completed <u>Aug. 14, 1964</u>		NO ₃ _____ ppm
Checked by <u>RLL</u>		
Date transmitted _____		

Professional records. Subject to revision.



Other Supporting Information



STATE OF NEVADA
DEPARTMENT OF WILDLIFE

1100 Valley Road
P.O. Box 10678
Reno, Nevada 89520-0022
(702) 688-1500
Fax (702) 688-1595

BOB MILLER
Governor

WILLIAM A. MOLINI
Director

November 20, 1990

Mr. Jeff Hughes
National Park Service
Water Resources Division
301 South Howes Street, Room 353
Ft. Collins, Colorado 80521

Dear Mr. Hughes:

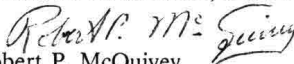
In response to your inquiry relative to our agencies use of Kelsey or Angell Spring which is identified in the State Water Engineers Office under certificate number 296 and permit number 1802, please be advised of the following:

1. This water source is located within the Honey Bee Basin of the Overton Wildlife Management Area, a State managed facility.
2. This water source is often covered by impounded waters of the Honeybee Reservoir, a manmade impoundment designed to enhance wetland values in the area.
3. Our agency historically and currently utilized this water as part of the wetland development at the Overton Wildlife Management Area.
4. There is no estimate for the amount of water flowing from this source although it is probably better defined as a seep rather than a spring.

If you have any additional questions or need for more detailed input, please feel free to advise.

Sincerely,

WILLIAM A. MOLINI, DIRECTOR


Robert P. McQuivey
Habitat Division Chief

RPM:tl

G-4



IN REPLY REFER TO:

154 LWSSC

Lam

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

LAKE MEAD NATIONAL RECREATION AREA

P. O. BOX 127
BOULDER CITY, NEVADA 89005

JAN 18 1968

RECEIVED	
San Francisco Planning and Service Center Office of Land and Water Rights NATIONAL PARK SERVICE	
JAN 19 1968	
ACT. INFO.	INITIALS DATE
☒ CHIEF	<i>CEJ</i>
☐ ASST. CHIEF	
☐ STAFF ASST.	
☐ SUPV. APPR.	
☒ SUP. Hyd. Eng.	<i>WST</i>
☐ SOCKET	
☐ FILE	

Memorandum

To: Supervisory Hydraulic Engineer, SSC

From: Acting Superintendent, Lake Mead

Subject: Water analyses

Water analysis bottles have been received and are in transit to USGS with the exception of Angel Springs. This spring was formerly the water source for the National Park Service facilities at Overton, Nevada that has been turned over to the Nevada Fish and Game, by agreement.

The spring was relinquished, with the other facilities, and is no longer used by the National Park Service.

C. E. Johnson
C. E. Johnson

April 10, 1959

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Section
Subject: Water Right Docket No. 8, Kelsey Springs, Lake Mead

Attached are four prints of Drawing No. 6986-LM Overton Headquarters Irrigation Study and one copy of table with gross and net areas of irrigation and water demand at 5 and 8 AF/Acres/Annum. This represents an irrigation water demand for an Overton Headquarters area if the vegetation is of the type and density to require one of those annual rates of application.

We have filed a print of the drawing and table in the Kelsey Spring Docket No. 8 because I have been considering the Ranger Station area as the Overton Headquarters. It now appears that the headquarters may be in the area including Roger and Blue Point Springs. In that case, we need two dockets, and two development plans.

If the headquarters area is to be at the latter area, attached Drawing 6986 should be tied into the existing and proposed developments shown on Drawings 2296 and 6971 in Part II, Docket 3, records of past developments and plans for Blue Point Spring in Docket 1, and at least a skeleton plan of the fish pond development in Sec. 6, which was being developed three or four years ago.

If this area is being considered for significant development, I wonder whether those now doing the planning are aware of the past water developments which suggest that Blue Point Spring is not suitable for human consumption, and Roger Spring is only slightly better. For lack of recent reports, I also wonder whether the Mr. McDonald has appropriated Blue Point Spring to the extent that no adequate Federal rights could now be established without his eviction. I believe the land developed by Mr. McDonald is still covered by a Federal withdrawal of the 30's.



Even if the Headquarters is to be in the Roger Spring area, the proposed development and Kelsey Spring water use at the Ranger Station should be defined. Even though the water right is licensed, the right to any unused portion of the 0.56 sec.ft. will lapse if not exercised on the authorized, or an amended area.

SIGNED

A. van V. Dunn
Chief, Water Resources Section

Attachments 5

Copy to: Superintendent, Lake Mead, with 2 attachments
/Chief, WODC, with 2 attachments

February 8, 1954

Memorandum of Record for Lake Mead Docket No. 8:

See Memorandum of Agreement of December 24, 1954, between the Bureau of Reclamation, National Park Service, and State of Nevada, under which rights under Permit 10188 are assigned to the State as Lessee, while rights to Kelsey Spring under Permit 1802, Certificate 296, are retained by the National Park Service.

(SGD:) A. VAN V. DUNN
A. van V. Dunn
Chief, Water Resources Branch

(14)

W R Coffey

In reply refer to:
L54 LAME-L

Region Three
Santa Fe, New Mexico

June 10, 1953

Memorandum

To: Director
From: Acting Regional Director
Subject: Water Right Application No. 1802, Certificate No. 296,
Docket No. 8, Kelsey's Springs, Lake Mead

There is attached a copy of Mr. Yeager's memorandum of June 3 supplying answers to the seven points raised in Mr. Dunn's memorandum of March 17. In a recent telephone conversation with the Regional Office Mr. Yeager advised that we should take the necessary steps, if needed, to perfect the right.

Our right authorizes 0.56 second-foot. At present we are supplying domestic water to two of our maintenance families, which utilizes a very small portion of our right. To do this, we have changed the place of use without filing a change with the State Engineer.

Mr. Dunn's memorandum of March 17 suggested that as soon as plans for the Overton headquarters area are formulated, we "should amend the right by changing the place and purpose of use." It will be several years before we are in a position to use the full authorized amount at the proposed Overton headquarters area. Since our present use is far below the amount authorized, it seems to us that an amendment at the present time will jeopardize our right rather than strengthen it.

It is our suggestion that we make no changes at the present time and that some representative of our Service consult with Mr. Groves of the Nevada Fish and Game Commission. If they have any eventual use for a portion of the water from Kelsey's Springs, then we would attempt to negotiate with them to use water under our right. When these negotiations have been made, we would be in a position to amend our right and we could show additional beneficial use, which we cannot do at the present time.

Lm 10-15-53

24

Mr. Yeager has pointed out that the Fish and Game Commission has no plans for the use of water from Kelsey's Springs at the present time but we believe we should approach them and suggest a use under our permit rather than risk their filing on water which we cannot now use.

(SIGNED)

P. P. Patraw
Acting Regional Director

Attachment

In duplicate ✓

Copy to: Supt., Lake Mead

LM - Docket 8-2



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

In reply refer to:

L54 LAME-L

June 3, 1953

Memorandum

To: Regional Director, Region Three
From: Assistant Superintendent, Lake Mead
Subject: Water Right Application #1802, Certificate #296
Docket #8, Kelsey's Springs.

The seven questions raised by Mr. Dunn's memorandum of March 17, and forwarded to us with Mr. McCole's memorandum of April 6, concerning proposed development in the Overton vicinity, are answered below.

1. The town of Overton in Sec. 13, T. 16 S., R. 67 E., is also served with water from a source other than Kelsey's Springs.
2. The Museum in NE $\frac{1}{4}$ of Sec. 24, T. 16 S., R. 67 E., is also served with water from a source other than Kelsey's Springs. The Museum has been returned to the State for administration and the National Park Service no longer has any direct interest in the building or management.
3. The proposed location for the administrative and residential center for the (Overton) Lost City District is to be in Section 30, T. 16 S., R. 68 E., and the only known source of water is from Kelsey's. This source of water is very important to the proposed development.
4. The nursery has been abandoned and no water is required.
5. The present headquarters, Sec. 19, T. 16 S., R. 68 E., is now the only development served by Kelsey's Spring.
6. The potential golf course proposed for Sec. 19, T. 16 S., R. 68 E., has been deleted from our future plans. The local interests considered the project as not feasible and the lands for the golf course were included in the lease to the Nevada Fish and Game Commission.
7. The original irrigation, as well as all subsequent irrigation from the Kelsey's Spring, has been abandoned.

Water rights to the spring should be perfected at the earliest possible date since some conflict with State Fish and Game Commission development may occur even though they do not now propose to use the spring waters. Development plans for the proposed headquarters have not reached the final planning stage. However, water requirements would be for five residences, utility area, public toilets and for lawn irrigation. A flow of 0.56 second-foot (362,000 gallons per day) is ample for all foreseeable needs.

W. Ward Yeager
Assistant Superintendent





UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Lake Mead National Recreation Area
Boulder City, Nevada

February 19, 1953

McIntire
2-24
Kelsey
2/24
McIntire

Memorandum

To: Regional Director, Region Three
From: Acting Superintendent, Lake Mead
Subject: Water Right Docket No. 8, Water System, Kelsey Springs

Enclosed is one copy of the black line print water system layout, Overton utility area, as requested by Mr. McColm's letter of February 17. Another copy has been included in our copy of Water Right Docket No. 8.

W. Ward Yeager
W. Ward Yeager
Acting Superintendent

Attachment



In reply refer to:
154 LAME-L

Region Three
Santa Fe, New Mexico

December 15, 1952

[Handwritten signature]
[Handwritten signature]
[Handwritten signature]

Memorandum

To: Superintendent, Lake Mead
From: Regional Chief, Land and Recreation Planning
Subject: Transmittal of Maps Pertaining to Lake Mead Water Rights

Attached is a copy of Mr. Dunn's memorandum of December 9 containing instructions for the filing of the maps accompanying his memorandum.

You will note in the last paragraph of Mr. Dunn's memorandum he refers to the clarification of the status of Kelsey springs. This information as given in Mr. Yeager's memorandum of December 4 was forwarded to the Director on December 12, and we expect the cross reference for the docket folder will be available soon.

(SIGNED)

Milton J. McColm
Regional Chief of Land
and Recreation Planning

Attachment (including 9 maps)

Copy to: Director (2)

WR Copy

In reply refer to;
LS4 LAME-L

Region Three
Santa Fe, New Mexico

December 12, 1952

Memorandum

To: Director

From: Regional Chief, Land and Recreation Planning

Subject: Water System, Angell Spring, Lake Mead

On November 24 we wrote to the Superintendent, Lake Mead, asking clarification of the terms Angell Spring and Kelsey Spring. In reply to Mr. Dunn's memorandum of November 18 we have attached a copy of Mr. Yeager's reply dated December 4. It appears from Mr. Yeager's memorandum that Angell Spring and Kelsey Spring are the same spring. Mr. Yeager explains that the difference in location is probably caused by the outcropping of a water-bearing layer of gravel that extends for some distance along the mesa escarpment.

(SIGNED)

Milton J. McColm
Regional Chief of Land
and Recreation Planning

Attachment

In duplicate ✓

Copy to: Supt., Lake Mead

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

December 4, 1952

Memorandum

To: Regional Director, Region Three
From: Assistant Superintendent, Lake Mead
Subject: Water System, Angell Spring, Lake Mead.

Reference is made to Mr. McCole's memorandum of November 24 and the question raised relative to Angell Spring and Kelsey Spring.

Local inquiry has been made concerning the use of the name Kelsey Spring and it was learned that Kelsey owned the land on which the spring is located and later sold the land to Angell. There would seem to be no doubt, therefore, that the Kelsey Spring referred to by Mr. Dunn and Angell are one and the same.

Some variation in the exact location of the spring can be expected within the same quarter section since the spring area is not limited to one point but rather to the outcropping of a water bearing layer of gravel that extends for some distance along the mesa escarpment. In the vicinity of Angell Spring the water from the several flow points was collected by a system of ditches and dikes and used in one irrigation system by Mr. Stafford A. Angell.

We have referred to the existing water system as "temporary" since the headquarters at Overton which the system serves is not on the permanent site. It is quite possible that Angell Spring will be the most practical source of water for the permanent Overton headquarters and for this reason firm water rights are desirable.

/s/ W. WARD YEAGER
W. Ward Yeager
Assistant Superintendent

1 reply refer to:
L54 LAME-L

VR Copy
[Signature]

Region Three
Santa Fe, New Mexico

November 24, 1952

Memorandum

To: Superintendent, Lake Mead
From: Regional Chief, Land and Recreation Planning
Subject: Water System, Angell Spring, Lake Mead

There is attached a copy of Mr. Dunn's memorandum of November 18 relating to the water system at Angell Spring.

One question which needs to be answered as soon as possible is the relationship of Kelsey and Angell Springs. Will you please advise if these are the same spring, or show the location of Kelsey Spring if there are two distinct sets of springs.

(SIGNED)

Milton J. McColm
Regional Chief of Land
and Recreation Planning

Attachment

Copy to: Director (2) ✓

In reply refer to
LSH LAME-L

November 18, 1952

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Branch
Subject: Water System, Angell Spring, Lake Mead

This subject was discussed with Messrs. Barton and Kell while I was at Santa Fe, but without the memorandum of October 14 from Mr. Kell, or the copy of Water Right Application No. 1802, Certificate 296, recorded at page 296 of Book 3 as recorded by the State Engineer of Nevada, of which a copy was obtained here while I was in the West. The water right records will be duplicated and distributed as soon as we figure them out. One bit of information from the Superintendent would be helpful in that connection.

Water Right Certificate No. 296 relates to Kelsey's Springs with a diversion dam 7 feet high and crest length of 100 feet located in NE corner of SW $\frac{1}{4}$ of Sec. 20. The sketch with Mr. Kell's memorandum refers to Angell Spring in SE corner of SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Sec. 20. Stafford A. Angell was claimant under said certificate. The certificate authorizes the irrigation of 21 acres in SW $\frac{1}{4}$ and 35 acres in NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 20, and 0.56 sec. ft. of water is said to have been diverted from 10 springs.

The difference in location, of less than 1,000 feet, together with the probability that there can only be the one set of springs, suggests that the certificate relates to the source of supply that is now used by this Service, and that the pond shown by Mr. Kell is probably the reservoir formed by the original dam. It will be appreciated if the Superintendent will either indicate the identity of the Kelsey and Angell Springs, or that there are two sets of springs.

As a further consideration, the water code was adopted in 1913 subject to valid existing rights. Application No. 1802 was filed on August 22, 1910. Accordingly, since there is no record of a water right for domestic purposes in Section 19, as

shown on Mr. Kell's map, I believe that the water code in existence between 1910 and 1913 may not have required the appropriation of water for domestic purposes. This assumption would suggest that the domestic water system was protected by rights vested prior to the adoption of the present water code. This matter will have to be determined if we wish to establish the best water rights.

Mr. Kell also pointed out that Mr. Yeager questioned whether we would want to file on the existing "temporary" water system. I am inclined to take every step we can to establish rights based on the Angell development. That being the case, we should know, and at least record in our proposed water right assembly that the existing system is a modification of a system which has been in operation since prior to 1913, to the extent that we can support such a claim. Such information should be obtained if possible.

Except for the identity of the Angell and Kelsey Springs, there is no rush about obtaining the suggested information.

(SGD.) A. VAN V. DUNN,

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

AvanVDunn;sh



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON 25, D. C.

In reply refer to:
154 LAME-L

October 20, 1952

Mr. Hugh A. Shamberger
State Engineer
Carson City, Nevada

Subject: Water Right Application 1802,
Certificate 296, and Water
Right Maps

Dear Mr. Shamberger:

Your letter of October 16 referring to our order No. 99-55 of August 4 is received. By reference to our files, we find that the order was returned by you with your signed certificate, but, as stated in our letter of September 29, we have never received the instruments covered in the order. We are returning the order with the signed certificate herewith, since, as stated in our previous letter, we are unable to make payment until receipt of the requested documents. If you will forward the copies of applications and maps listed on the order, together with your invoice and the enclosed certificate, we will see that payment is made promptly.

Sincerely yours,

Gordon W. Robertson
Acting Chief, Water Resources Branch

Enclosure

Mailed Oct. 28, 1952

1802

October 16, 1952

L54 LAME-L

A. van V. Dunn
Chief, Water Resources
U. S. Dept. of the Interior
National Park Service
Washington 25, D. C.

Dear Mr. Dunn:

Reference is made to your letter of September 29, 1952 in regard to an order placed with this office for certain water right records and related maps.

We regret that we are unable to find the letter or order in our files. If you will resubmit same we will give the matter our immediate attention.

Very truly yours,

HUGH A. SHAMBERGER
State Engineer

By

F. N. DONDERO
Deputy State Engineer

DJ:p

C
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Y

Region Three
Santa Fe, New Mexico

C
O
P
Y

October 14, 1952

Memorandum

To: A. van V. Dunn, Chief, Water Resources Branch
From: J. E. Kell, Acting Regional Chief, Land and Recreation Planning
Subject: Water Supply System, Angell Spring, Lake Mead

On the afternoon of August 21 in company with Assistant Superintendent Yeager and Regional Forester Carlson I took photographs of the domestic water supply installation at Angell Spring near Overton at Lake Mead. Two sets of five photographs are attached.

According to Mr. Yeager the installation was made a few years ago and largely through salvaged materials, many of which have long since lost their identity. The spring water originates in a collection box against the side of a hill and the box is approximately 3' x 4' x 6' with a wooden cover over the top. A portion of the water is collected in a pipe approximately five inches in diameter and the remainder overflows through an orifice in the end of the concrete spring box and forms a pool or puddle adjacent to the spring box. The water is conducted by the spring pipe which is reduced in size at intervals, crosses a branch of the Muddy River and flows by gravity to a covered wooden stave storage tank approximately 12' x 8'.

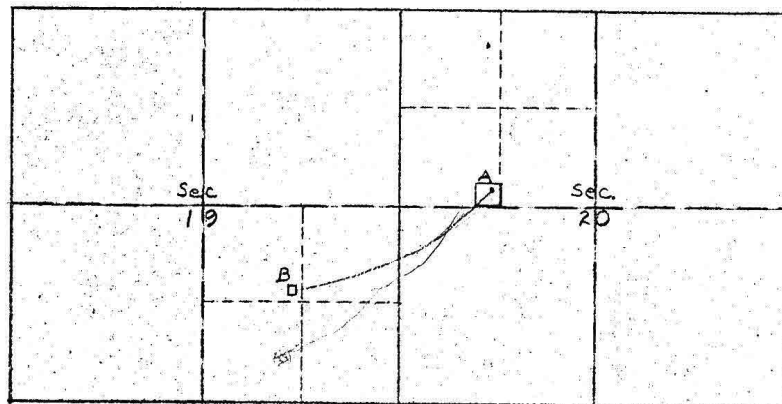
In order to secure proper gradient it was necessary to excavate and sink the wooden stave tank approximately six feet below grade. Surplus water, when the tank is full, overflows through a pipe approximately two inches in diameter into a trough where it is used by livestock.

Mr. Yeager has advised me that this arrangement is considered a temporary one, not a part of the permanent Overton development program. After you review the photographs with the rough sketch that shows the type of installation, you may not wish to make any further application to the State Engineer.

(S I G N E D)
John E. Kell
Acting Regional Chief of
Land and Recreation Planning

In duplicate
Copy to: Supt., Lake Mead
Attachments 4

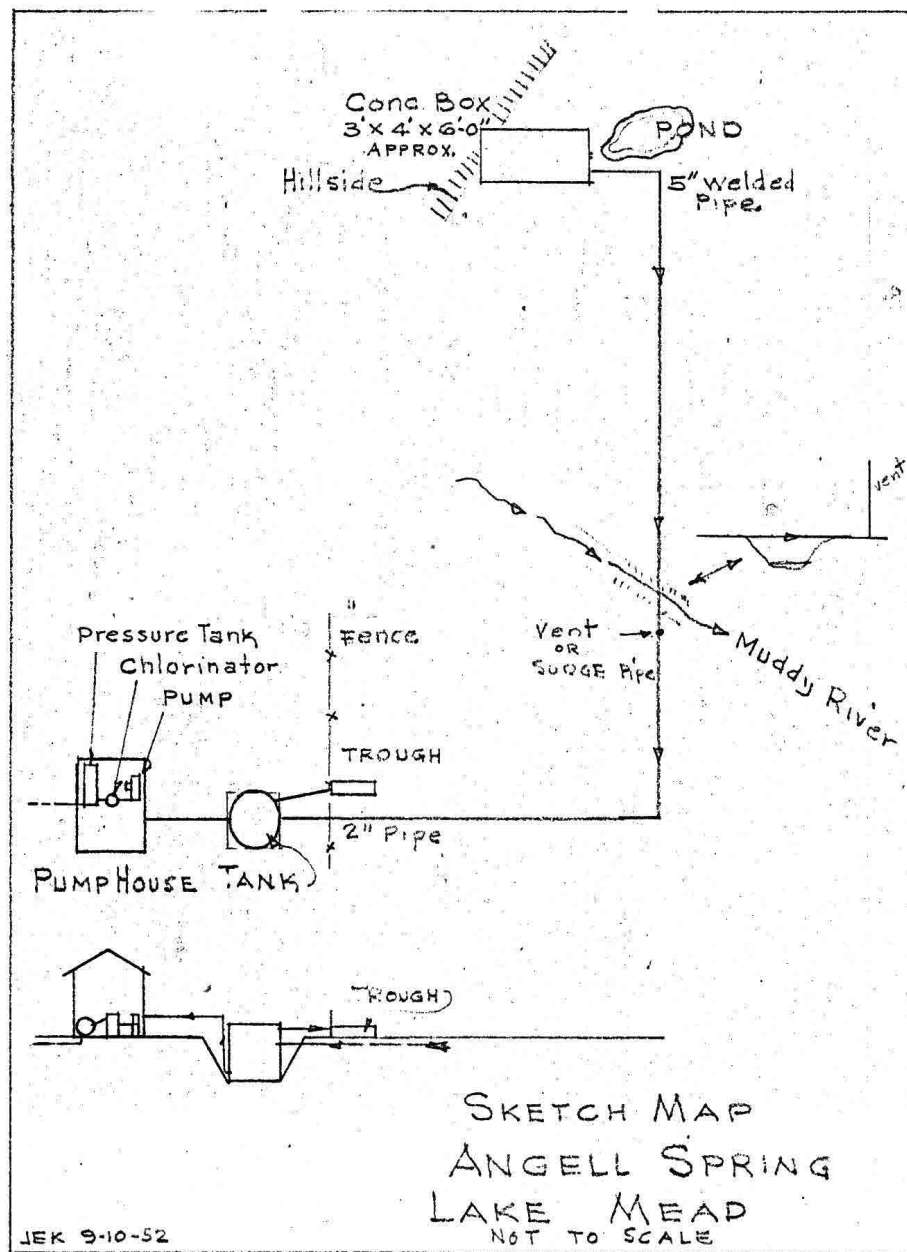
WATER SYSTEM LAYOUT OVERTON UTILITY AREA



Location T. 16 S., R. 68 E., Sec. 19 and 20.

DESCRIPTION

4400 ft. line - 4" to 1", between Spring (Angell) at "A", and reservoir (5,000 gal. wooden tank) at "B". Spring development enclosed in concrete box approximately 4' x 4' x 8'. Water line from spring box is 4" - then reduced to 3", to 2", and finally to 1" at reservoir. System has been in use for approximately one year. Water used for NPS utility area, Lost City District. A chlorinator is installed in line from reservoir to utility area - Army surplus unit.



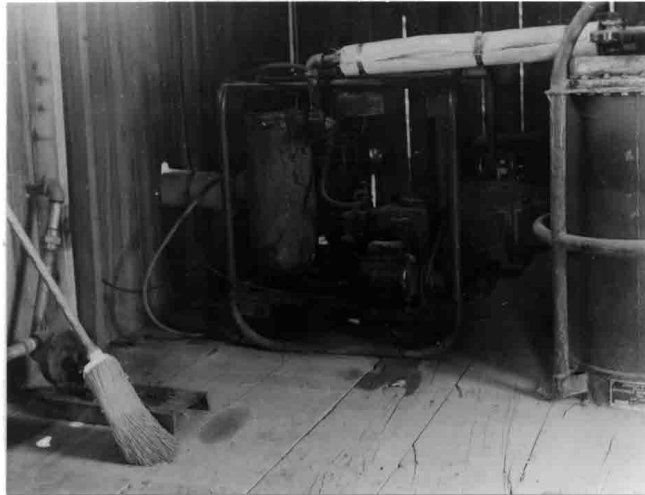


No. 1. Spring box around Angell Spring. Box is approximately 3' x 4' x 6'-0". Pickup line at box is about 5" pipe with welded joints. An overflow exists so that only a portion of the water is collected in the pipe.



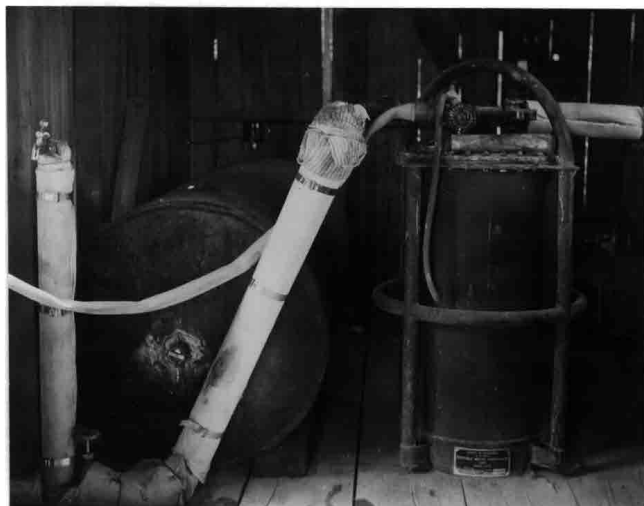
No. 2. Water flows by gravity to this wooden stave storage tank. It was necessary to sink the tank below grade to obtain proper gradient for pipe line.

This pipe
shown in
left on
No. 2



Print Reversed

No. 3. View inside pumphouse showing pump and chlorinator.
Water is pumped through pipe shown in left of No. 2.



No. 4. Lefthand side of pumphouse showing chlorinator and pressure tank.



No. 5. Overflow from storage tank in No. 1 flows through this pipe and into trough for stock watering.



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON 25, D. C.

In reply refer to:
154 LAME-L

September 29, 1952

Mr. Hugh A. Shamberger
State Engineer
Carson City, Nevada

Subject: Water Right Application 1802,
Certificate 296, and Water
Right Maps

Dear Mr. Shamberger:

By letter of August 4 and attached purchase order, we requested a copy of the subject water rights records and certain related maps. We have received the certificate of charges due, which was signed by Mr. Muth, but the copies of the requested instruments have not been received. As you doubtless know, we are not authorized to make payment in advance.

There is no need to rush the order, but we should like to be sure that it has not been lost in transit, or that there has not been a misunderstanding as to payment.

Sincerely yours,

A. van V. Dunn
Chief, Water Resources Branch

In reply refer to:
LS4 LANE-L

August 4, 1952

Mr. Hugh A. Shanberger
State Engineer
Carson City, Nevada

Dear Mr. Shanberger:

From the information in the letter of July 28 from Mr. Dondero, it appears that we should have the complete records of water rights under Application 1802, and all of the maps listed under the other rights. A purchase order is enclosed to cover the duplication. If the copies of application and certificate cost more than \$1.00 each, the correction will be made on the basis of your voucher.

Sincerely yours,

(SGD.) A. VAN V. DUNN.

A. van V. Dunn
Chief, Water Resources Branch

Enclosure

Copy to: Regional Director, Region Three (2)

AyanVDunn:sh

In reply refer to:
LS4 LANE-L

August 4, 1952

Memorandum

To: Regional Director, Region Three

From: Chief, Water Resources Branch

Subject: Suggested Federal Appropriation of Angell Spring,
Overton Area, Lake Mead

We have received the memorandum of July 29 from Mr. McCalm advising that Mr. Kell will visit Lake Mead on August 18. We enclose two copies of a letter of July 28 from the Deputy State Engineer which we received in the same mail, which indicates that the water is already appropriated. Also enclosed are two copies of our letter of this date, by which we are ordering copies of Application 1802, Certificate 296, and the other maps to complete our water right records in the Area.

It will be very helpful if Mr. Kell obtains the suggested photographs. Since the map in support of Application 1802 will show the old water system, he will not have to make such elaborate sketches. However, he should get enough data to be able to indicate changes which may have been made since 1910, and be ready to so indicate on prints of the file map which we shall supply.

(SGD.) A. VAN V. DUNN.

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

Attachments 4

AvanVDunn:sh

C O P Y

In reply refer to:
L54 LAME-L

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
Region Three
Santa Fe, New Mexico

July 29, 1952

Memorandum

To: Director
From: Regional Chief, Land and Recreation Planning
Subject: Suggested Federal Appropriation of Waters of Angell
Spring, Overton Area, Lake Mead

This will acknowledge your memorandum of July 14 regarding the possible appropriation of waters of Angell Spring at Lake Mead. We have transmitted one copy of the memorandum to the Superintendent requesting him to collect as much as possible of the information desired.

Mr. Kell plans to be in Lake Mead on August 18 in connection with boundary matters. Before he returns to Santa Fe, he will visit the spring and secure photographs and a rough sketch of the installation. This information will be submitted with a tie to the section corner, if one can be located.

/s/ Milton J. McColm

Milton J. McColm
Regional Chief of Land
and Recreation Planning

Copy to: Supt., Lake Mead. With copy
Mr. Van Dunn's memorandum
of July 14.

C O P Y

STATE OF NEVADA
OFFICE OF STATE ENGINEER
CARSON CITY, NEVADA

July 28, 1952

In your reply refer to No. 1802

LS4 LAME-L

U. S. Dept. of the Interior
National Park Service
Washington 25, D. C.

ATTN: A. van V. Dunn
Chief, Water Resources Branch

Gentlemen:

This will acknowledge receipt of your letter of July 14, 1952 requesting information concerning filings for water on springs in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T. 16 S., R. 68 E., M.D.B.&M.

A search of our records discloses one filing in this subdivision, which is described as follows:

Application No. 1802 was filed August 22, 1910 by Sanford A. Angell for 1.5 second feet of the waters of springs in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20, T. 16 S., R. 68 E., M.D.B.&M, known as Kelsey Springs, to be used in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ of said Sec. 20 and NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Sec. 20 for irrigation and domestic purposes. A Certificate No. 296 was issued under this permit December 14, 1916 for 0.56 second feet. Kelsey's Springs consist of ten small springs or seeps which have been developed by means of open cuts and the flow of all of them has been combined by ditches.

In regard to prints of maps, please be advised that Permits Nos. 31 and 1372 are covered by the same maps of which there are three, there are six maps under 1611, no maps under 4852 and 7855, one map under 9985 and none under 01635. If you are interested in 1802 there is one map under it. The cost of reproduction is \$1.00 per map.

The Muddy Valley Irrigation Company has changed the place of use of their water rights and said rights are, therefore, not subject to lapse.

Very truly yours,

HUGH A. SHAMBERGER
State Engineer

By /s/ F. N. Dondero.
F. N. DONDERO
Deputy State Engineer

DJ:p



UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
WASHINGTON 25, D. C.

In reply refer to:
154 LAME-L

July 14, 1952

Mr. Hugh A. Shamberger
State Engineer
Carson City, Nevada

Dear Mr. Shamberger:

10294 A tract of land approximately 295 feet square in the south-east corner of the southwest quarter of the northwest quarter of Section 20, T. 16 S., R. 68 E., M.D.B. & M., in Lake Mead National Recreational Area, now federally owned, includes a spring which is locally designated as the Angell Spring which is used for domestic purposes on that tract. However, no recorded water right was in the letter of December 14, 1944, to me from Mr. Shamberger which was supposed to be a fairly complete list of recorded rights in the Recreational Area and included records under Applications 10294, 9985, 1611, 31, 1372, and many others. We shall appreciate further check for a possible appropriation.

The land was originally part of the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 20 which was covered by State Land Patent No. 9056 to Calvin Kelsey on his Application 11877 which was filed in the county on Feb. 20, 1931. Apparently the land had been occupied under homestead entry for some time, and the transactions of 1931 were to clear title to the United States, as the following transfers suggest:

1. Calvin E. and Ann E. Kelsey conveyed the 80 acres and appurtenant water rights to William W. Angell on July 2, 1900 (county record of August 2, 1911).
2. William W. Angell conveyed the SW $\frac{1}{4}$ NW $\frac{1}{4}$ to Sanford A. Angell, Jr., on Dec. 28, 1914 (county record of Oct. 15, 1921).
3. Samuel A. Angell, Jr., and Elizabeth Angell conveyed said 40 acres to Samuel Albert Angell, but reserving water rights appurtenant to 2 acres.
4. The aforesaid 2 acres (295'2"x295' in SE corner of SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20) conveyed separately to Samuel Albert Angell on March 24, 1921.

5. Samuel Albert Angell and Minnie Angell conveyed the same 2 acres to Elizabeth McD. Angell on April 4, 1921 (county record of Feb. 20, 1931).
6. Elizabeth McD. Angell conveyed the same tract to James Reuben and Faye Whipple on June 4, 1932 (county record of July 14, 1932).
7. James Reuben and Faye Whipple conveyed the same tract to the United States on July 14, 1932.

We also note that the rights of the Muddy Valley Irrigation Company also provide for the irrigation of the west half of said Section 20, T. 16 S., R. 68 W., under some of the following applications and permits: 31, 1372, 1611, 4852, 7855, 9985, 01635. Amended Serial No. 4852, for instance, claims the subsurface waters of the Muddy River and Muddy Valley for the irrigation of 320 acres in the W $\frac{1}{2}$ of said section, and seems to be sufficiently comprehensive to constitute a claim to the Angell Spring if the water has been diverted to the Company system.

We have copies of the aforesaid permits and certificates issued thereon, but do not have the maps. It is possible that the proof maps may show the spring, and whether it is diverted to the system, if there is no independent claim to its waters. We mention this as a possible clue to the answer of our immediate question. In addition, whether or not there is any connection between the spring and the Company rights, we should like to know how many drawings are involved in the maps filed with the aforesaid permits, and the cost of reproduction in order that we may order a set.

We should also like to know what adjustments may have been made in the descriptions of land irrigated under the aforesaid permit where such lands may have been flooded by Lake Mead. Has the Muddy Valley Irrigation Company amended its rights to show change in place of use, where necessary, conveyed the rights to the United States, or are they subject to lapse?

Sincerely yours,



A. van V. Dunn
Chief, Water Resources Branch

In reply refer to:
LS4 LAME-L

July 14, 1952

Memorandum

To: Regional Director, Region Three
From: Chief, Water Resources Branch
Subject: Suggested Federal Appropriation of Waters of Angell
Spring, Overton Area, Lake Mead

Attached are two copies of a letter we are sending to the State Engineer as a result of the memorandum of June 20 from Mr. McColm, to make sure that the subject spring has not already been appropriated. The information on land title from Mr. Egermayer should be very helpful in the search by the State Engineer. The letter of December 14, 1944, to me, is in the Summary of Alien Water Rights, which should be in a manila folder with the water right dockets and alien water rights in your files. The copies of the maps, permits, and certificates are in Docket No. 5 and Alien Water Rights Nos. 4 and 5.

A Federal claim to the waters of Angell Spring should probably be filed if the water is diverted and used, but in doing so we must be sure that such action will not bring out a water right conflict or constitute an older right under which the water is now diverted and used. In addition to the information requested from the State Engineer, we should have a description of the water system and water use, including a map with a tie to the section corner. We can probably make the map and compute the tie from a sketch of the 2-acre tract and developments thereon. If the development is only contemplated, this information should be included in the construction plan and sent to this Office.

If the water system has been in existence for some time, without formal appropriation, the priority of a filing, which we might now make, would be of little value if the spring is tributary to the Muddy Valley Irrigation Company ditch. Until we obtain that information, there is some question as to whether to file a new claim or consider the purchase of Company rights, or attempt to amend any portion thereof now owned by the United States.

(SGD.) A. VAN V. DUNN

A. van V. Dunn
Chief, Water Resources Branch

In duplicate

Attachments 2 AvanVDunn:sh

In reply refer to:
LS4 LAMM-L

July 14, 1952

Mr. Hugh A. Shamberger
State Engineer
Carson City, Nevada

Dear Mr. Shamberger:

A tract of land approximately 295 feet square in the southeast corner of the southwest quarter of the northwest quarter of Section 20, T. 16 S., R. 68 E., M.D.B. & M., in Lake Mead National Recreational Area, now federally owned, includes a spring which is locally designated as the Angell Spring which is used for domestic purposes on that tract. However, no recorded water right was in the letter of December 14, 1944, to me from Mr. Shamberger which was supposed to be a fairly complete list of recorded rights in the Recreational Area and included records under Applications 10294, 9985, 1611, 31, 1372, and many others. We shall appreciate further check for a possible appropriation.

The land was originally part of the SW $\frac{1}{4}$ NW $\frac{1}{4}$ and NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Section 20 which was covered by State Land Patent No. 9056 to Calvin Kelsey on his Application 11877 which was filed in the county on Feb. 20, 1931. Apparently the land had been occupied under homestead entry for some time, and the transactions of 1931 were to clear title to the United States, as the following transfers suggest:

1. Calvin E. and Ann E. Kelsey conveyed the 80 acres and appurtenant water rights to William W. Angell on July 2, 1900 (county record of August 2, 1911).
2. William W. Angell conveyed the SW $\frac{1}{4}$ NW $\frac{1}{4}$ to Sanford A. Angell, Jr., on Dec. 28, 1921 (county record of Oct. 15, 1921).
3. Samuel A. Angell, Jr., and Elizabeth Angell conveyed said 40 acres to Samuel Albert Angell, but reserving water rights appurtenant to 2 acres.
4. The aforesaid 2 acres (295'2"x295' in SE corner of SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 20) conveyed separately to Samuel Albert Angell on March 24, 1921.

5. Samuel Albert Angell and Minnie Angell conveyed the same 2 acres to Elizabeth McD. Angell on April 4, 1921 (county record of Feb. 20, 1931).
6. Elizabeth McD. Angell conveyed the same tract to James Reuben and Faye Whipple on June 4, 1932 (county record of July 14, 1932).
7. James Reuben and Faye Whipple conveyed the same tract to the United States on July 14, 1932.

We also note that the rights of the Muddy Valley Irrigation Company also provide for the irrigation of the west half of said Section 20, T. 16 S., R. 68 W., under some of the following applications and permits: 31, 1372, 1611, 4852, 7855, 9985, 01635. Amended Serial No. 4852, for instance, claims the subsurface waters of the Muddy River and Muddy Valley for the irrigation of 320 acres in the W $\frac{1}{2}$ of said section, and seems to be sufficiently comprehensive to constitute a claim to the Angell Spring if the water has been diverted to the Company system.

We have copies of the aforesaid permits and certificates issued thereon, but do not have the maps. It is possible that the proof maps may show the spring, and whether it is diverted to the system, if there is no independent claim to its waters. We mention this as a possible clue to the answer of our immediate question. In addition, whether or not there is any connection between the spring and the Company rights, we should like to know how many drawings are involved in the maps filed with the aforesaid permits, and the cost of reproduction in order that we may order a set.

We should also like to know what adjustments may have been made in the descriptions of land irrigated under the aforesaid permit where such lands may have been flooded by Lake Mead. Has the Muddy Valley Irrigation Company amended its rights to show change in place of use, where necessary, conveyed the rights to the United States, or are they subject to lapse?

Sincerely yours,

(SGD.) A. VAN V. DUNN

A. van V. Dunn
Chief, Water Resources Branch

Copy to: Regional Director, Region Three (2)

AvanVDunn;sh

Region Three
Santa Fe, New Mexico

June 20, 1952

Memorandum

To: Director

From: Regional Chief, Land and Recreation Planning

Subject: Possible Water Right Application, Angell Spring, near
Overton Utility Headquarters, Lake Mead

When Mr. Eggermayer was in the Regional Office in March, he mentioned the desirability of filing a water right application on Angell Spring near the Overton utility headquarters area. According to our Lake Mead water right dockets we do not have an application covering Angell Spring. We recommended to Mr. Eggermayer that he secure as much information as possible and we would transmit it to Mr. Dunn, since it is our opinion that the application to the State Engineer for a water right should be filed by the Washington Office.

In this connection we have attached a copy of Mr. Baggle's memorandum of June 13, giving the information regarding Angell Spring. It is suggested that Mr. Dunn review the information contained in Mr. Baggle's memorandum and consider the desirability for filing an application with the State Engineer.

(SIGNED)

Milton J. McCollm
Regional Chief of Land
and Recreation Planning

Attachment

In duplicate ✓

Copy to: Supt., Lake Mead

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

June 13, 1952

Memorandum

To: Regional Director, Region Three

From: The Superintendent
Lake Mead National Recreation Area

Subject: Information concerning Angell Spring, near Overton, Nevada.

Following is the information concerning the so-called Angell Spring, near the Overton utility headquarters, on which we desire to file a water right with the State Engineer, Mr. Hugh Shamberger, in Carson City, Nevada.

Our information from your office has been to the effect that we should assemble all available information, including land description, and forward for the attention of Mr. John Kell, who in turn will turn the matter over to Mr. van Dunn.

Angell Spring, including approximately two acres of land, was purchased by the United States under a warranty deed from James Reuben Whipple and Faye Whipple, his wife, of Overton, Nevada. The title deed was dated July 14, 1932. It conveys, in consideration of the sum of \$2100, title to two acres described as follows:

"Commencing at the south east corner of the south west one quarter of the north west one quarter of section 20, township 16, Range 68 East, M. D. B. & M., running thence north along the 40 line 295 feet and two inches; thence west 295 feet and two inches; thence south 295 feet and two inches to the south line of said 40; thence 295 feet and two inches east to the place of beginning; containing two acres, more or less.

"Also all right, title, and interest of the parties of the first part in and to any roads, highways, rights of way and ditches not on the foregoing premises but used in connection with, or serving said premises".

The above deed was filed in Clark County, Nevada, court house in the office of the County Recorder (then a Mr. David Farnsworth) on or shortly after July 23, 1932. The notary public who witnessed signatures of

the Whipples on the deed was named S. R. Whitehead and his witness was dated either July 1 or July 14, 1932, lake (sic) of definite date due to partial illegibility of the entry.

The earliest record that we can find on this property is quoted as follows: "The State of Nevada issued its state land patent, No. 9056, under application No. 11877, dated August 2, 1918, and was recorded February 20, 1931, in Book 17 of Deeds, page 475, Clark County, Nevada records. The patent is to Calvin Kelsey, and conveys the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ and the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$, Sec. 20, T. 16 S., R. 68 E., M. D. B. & M., containing 80 acres more or less". This information was contained in a letter dated July 19, 1932 from S. R. Whitehead, then signing himself Secretary-Manager of the Roosevelt Titled (sic) Insurance Company, Ltd., Post Office Box 156, Las Vegas, Nevada, and was addressed to Mr. J. R. Alexander of the Bureau of Reclamation.

Tracing further, the Bureau of Reclamation records show that the above two acre "Whipple" tract was listed as tract No. 272.

In the Bureau of Reclamation files there does not appear to be any specific recording of the spring itself; however, in the Bureau report on land covered by purchase contract, under paragraph 5, the report lists "a spring on tract with sufficient flow to irrigate tract. Used mainly as homesite." We are making a point of this since in the title deed itself there is no reference made to the existence of a spring or springs on the two acre portion of the property.

From records of the County Recorder, Clark County, Nevada, and the Pioneer Title Insurance and Trust Company of Las Vegas, the property itself, meaning the two acres, and what is now known as the old Angell homestead, seem to have changed hands on a number of occasions. Beginning in the Title Insurance Company's Deed Book No. 2, page 37, Calvin E. Kelsey and Ann E. Kelsey, his wife, conveyed to William W. Angell the 80 acres of land mentioned above. Date of the property transfer is shown as July 2, 1900, and was recorded August 2, 1911. From this we can only assume that it was homesteaded property and that the state land patent was not applied for until some years later. This deed conveyed the property together with "all water rights".

Recorded in Book 8, page 114 of the Title Insurance Company records, William W. Angell conveyed to Sanford A. Angell, Jr., and Minnie Angell the SW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of the above described Section 20. This deed was dated December 28, 1914, recorded October 15, 1921.

The next change in ownership occurs when an entry is found in Book 7 page 329 when the deed to the property contained in the SW $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 20 was conveyed by Sanford A. Angell, Jr., and Elizabeth, his wife, to Sanford Albert Angell. As nearly as we can determine, the entire property, meaning the entire 40 acres, was conveyed in this deed. However, water rights to all of the above except two acres, the two acres not being described but presumably being the two acres with which we are concerned, was conveyed in a later deed to the water rights recorded in Book 8, page 115 dated March 24, 1921.

The next record of transfer of the property appears in Book 17, page 475 of the county records in the form of a deed from Sanford Albert Angell and Minnie Angell, his wife, dated April 4, 1921, and recorded February 20, 1931, conveying the property to Elizabeth McD. Angell. This Elizabeth McD. Angell sold the property to James Reuben Whipple and Faye Whipple, his wife, on June 4, 1932, recorded July 14, 1932. This last sale appears to have been only covering the two acre tract which was described above.

To complete the record, although probably not pertinent to our interests, the remaining approximately 38 acres of the 40 acre tract was sold to L. Ernestine Spangler by Sanford A. Angell, Jr., on August 26, 1929 and conveyed water rights as well as the property.

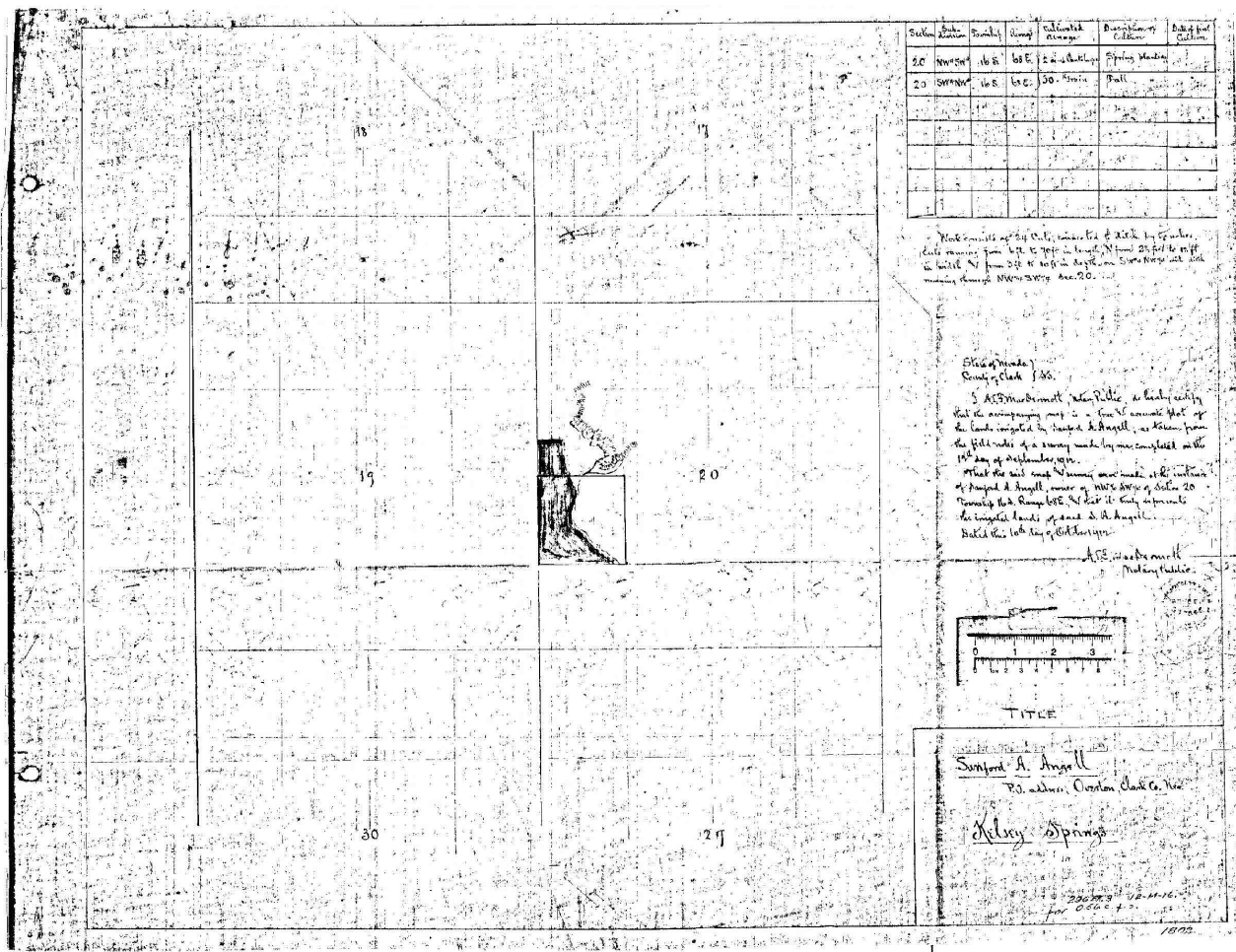
In Book 1, page 25, Clark County, Nevada, records, the State of Nevada approved a water appropriation to Sanford A. Angell, Jr., but no land description is given and we cannot be sure that it covered this particular spring since there are a number of others in the nearby vicinity.

Pursuant to instructions received from Mr. Kell, we have not checked with the office of the State Engineer regarding any currently existing water appropriation on this property. We are of the opinion that the U. S. Fish and Wildlife Service had at one time filed for an appropriation of the water during the period when this was a part of the Wildlife Reservation, prior to 1946. Whether or not the filing was ever recorded and if so whether it was later relinquished or not is a matter which we have not investigated. We are reasonably certain, however, that if a valid water right has been obtained by the U. S. Fish and Wildlife Service that it would be relinquished on request, since they are no longer interested in any way in the former reserve, abandoned in 1947.

If there is more information which we should obtain to assist Mr. Kell and Mr. Van Dunn in filing on this water, please advise. Likewise, if you wish us to obtain any information from the State Engineer's office, we shall be glad to do so but I had the idea from a verbal conversation between Mr. Kell and Mr. Eggermayer of this office that Mr. Van Dunn would prefer to carry out correspondence with the State Engineer's Office himself.

/s/ GEORGE F. BAGGLEY
George F. Baggley
Superintendent

STATE ENGINEER'S OFFICE
 RECEIVED
 JAN 29 1917
 Ans'd. *M. Kelly* 23rd 1917
On [unclear] [unclear]
 W. M. Harney,
 State Engineer,
 Carson City, Nev.
 Dear Sir
 Inclosed please find date of
 Record of application ^{CV 1802} 1802
 certificate CV 296
 Book 3 page 296
 CV 9788 Willard Road at Reno
 of Saugell Jan 3rd 1917
 at 15 Min past 9 A.M.
 in Book 1 water appropriation
 Page 25 Clark County
 Nev. Records.
 Dan J. O'Leary Recorder
 Yours Truly
 Saugell



Docket Information

Number of Documents in Docket 54

Documents Dated from 12/14/1916 to 11/20/1990

Docket Compiled: 4/20/2011