



WATER-RIGHT DOCKET

Olympic National Park

Docket No: 20

WELL. KALALOCH RANGER STATION WATER SYSTEM

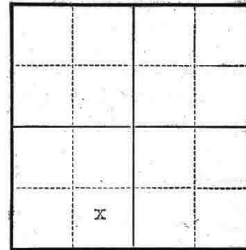
Supporting Hydro Data

08-19-1948: record of well

9-2855
(Jan. 1927)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL



Locate well on plat of section.

1. Location: State Washington County Grays Harbor
Nearest P. O. Cleavewater, Wa. Direction from P. O. west
Distance from P. O. 10 miles; SE $\frac{1}{4}$ sec. 22, T. 24 N., R. 13 W.
If in city, give street and number _____
2. Owner: National Park Service Address Box 591, Port Angeles, Wa.
Driller: O.E. Erdman Address Box, 612 Elma, Wa.
3. Situation: Is well on upland, in valley, or on hillside? coastal plain
4. Elevation of top of well: 30 ft. above the level of Pacific Ocean
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: drilled; kind of drilling rig used solid tool
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 115 ft.; year in which well was finished 1948
Does well enter rock? no; if so, at what depth? no ft.; kind of rock none
7. Diameter: At top 6" inches; at bottom 6 inches.
8. Principal water bed: gravel
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 110 ft.; thickness of bed 5 ft.
If other water supplies were found, give depth to each none
9. Casings: Kind iron pipe; size 6"; length 115 ft.; between depths of surface and 115 ft.
Kind xxx; size _____; length _____ ft.; between depths of _____ and _____ ft.
Kind xxx; size _____; length _____ ft.; between depths of _____ and _____ ft.
Packers (if any): Depth at which packers were used xxx; kind _____
Screen or Strainer: Was well finished with screen? yes; kind of screen slot-perf, iron pipe;
length of screen 6 ft.; diameter 6" inches; size of openings xx
10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;
if flowing, give pressure xx lb. per sq. inch; or height water will rise in a pipe xx ft. above surface;
original pressure or head xx; if not flowing, give water level in well 90 ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump Jet;
size or capacity of pump 350 gal/hr; kind of power electric
12. Yield: Natural flow at present (if any) 5 gallons per minute; original flow 5 gallons per minute;
well has been pumped at 5 gallons per minute continuously for 1 hours;
quantity of water ordinarily obtained from well 100 gallons per day.
13. Use: For what purpose is the water used? domestic
14. Quality of the water: soft; is there an analysis? xxx no
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: 752.25 Temperature of water 45 ° F.
- Name of person filling blank Preston P. Macy
- Date 19 Aug. 1948 Address Superintendent, Olympic National Park

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.

6-2642

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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Olympic National Park
Port Angeles, Washington

In reply refer to:
L-54

RECEIVED
NPS, REGION FOUR OFFICE

JUL 27 1955

July 25, 1955

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
OPERATIONS		
ADMIN.		
COOP. ACT.		
INTERP.		
LEGAL		

X *[Signature]* 6/17/27
Wrote W. 7/27
BF

Memorandum

To: Regional Director, Region Four

From: Superintendent, Olympic

Subject: Kalaloch Ranger Station Water System, Docket 20, Olympic

Reference is made to Mr. Hilton's memor of July 13, together with a copy of Mr. Dunn's memo of June 23, with Docket 20, Olympic, attached.

The following statements are in reply to the corresponding numbered paragraphs of Mr. Dunn's memo of June 23:

1. We are unable to locate a plat of the ranger station water system, together with section corner tie. We do not believe that this data exists.
2. The date that the thirty foot well was dug is unknown, since it existed prior to the creation of the park.
3. No improvement is contemplated under PCP-U-56, since the plan is now to construct a new ranger station, B-189-1, near Becker's Ocean Resort at Kalaloch.

[Signature]
Fred J. Overly
Superintendent

Attachment



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

June 23 1955

IN REPLY REFER TO:

L54-L

RECEIVED

NPS, REGION FOUR OFFICE

JUN 27 1955

	SURNAME	DATE
REG. DIR.		
ASST. R.D.		
OPER. DIV.		
ADMIN.		
COC. ACT.		
INTERP.		
LEGAL		

Memorandum

To: Regional Director, Region Four

From: Chief, Water Resources Section

Subject: Kalaloch Ranger Station Water System, Docket 20, Olympic Docket No. 20

With copies of this memorandum, we are distributing Olympic Water Right Docket 20 which now contains the record of well and a memorandum of August 19, 1948 to you from the Superintendent.

To complete the docket at this time we shall want the following:

1. Plat of the ranger station water system with tie from the well to a section corner.
2. The date the 30 foot well was dug (which should be inserted as date of Priority at extreme right, on top line of the tab of the docket folder).
3. Plan of new system proposed under PCP-U-56 for future construction.

We propose to set up a survey project to obtain a number of section corner ties and the hydraulic properties of water systems. For the moment, therefore, we should like only that portion of the above data which can be supplied from existing records.

A. van V. Dunn
A. van V. Dunn
Chief, Water Resources Section

Attachment

Copy to: Superintendent, Olympic, with copy of attachment
Western Office of Design and Construction, with copy of attachment

Have filed our
BFM
7/7

X
Hielon
Whitworth

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
OLYMPIC NATIONAL PARK
PORT ANGELES, WASHINGTON

August 19, 1948.

MEMORANDUM for the Regional Director, Region Four.

This refers to Mr. Maier's memorandum of May 17 requesting data concerning a dug well at Kalaloch Ranger Station.

In compliance therewith, we have prepared and enclose Geological Survey Forms 9-255 in triplicate.

The completed well is a continuation of a former well which was 30 feet deep, and cased with a two-foot concrete pipe. The water in the original well was contaminated as shown by numerous samples taken over an extended period and the ranger was necessarily required to haul drinking water, using the well water for irrigation and for domestic purposes only.

We felt confident that a suitable supply of water could be obtained by extending the existing well to a point below sea level, providing a suitable gravel structure was encountered. Accordingly, a contract was negotiated and the well deepened to 115 feet. Six inch iron casing was installed, cut off 3 feet below ground level. The casing is slot perforated from 106 feet to 112 feet. 105 feet each of 1½ and 1¼ inch pipes were installed with a suitable jet at the 108 foot level. A 3/4 h.p. electric pump and an 82 gallon pressure tank completed the installation.

On April 28 the water in the newly extended well stood at 90 feet below ground surface and was bailed at 5 gallons per minute for approximately one-half hour showing a draw down to 105 feet. Subsequently, operation of the well has shown that the supply is entirely adequate. Samples tested for "B" Coli and other contamination have been reported negative.

Drilling began on April 23, 1948. The well was completed on April 29, 1948.

The well is located on Tract J-280 of the Olympic Public Works Project, the south 4 acres east of the highway on Lot 4, Section 22, Township 24 N., Range 13 W., Willamette Meridian.

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It is assumed that Mr. Dunn will wish to file a water right on this well.

Preston P. Macy,
Superintendent.

Enclosure No. 416.

Docket Information

Number of Documents in Docket 6

Documents Dated from 8/19/1948 to 7/25/1955

Docket Compiled: 6/3/2011