



WATER-RIGHT DOCKET

Acadia National Park

Docket No: 7

SCHOODIC PENINSULA (FRAZER POINT) WELL

Supporting Hydro Data

00-00-0000: drilling log: water supply wells at frazer point

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REFERENCE..... Water supply wells @ Frazer Point.

ITEM: Drilling log.

MACHINE USED. Keystone Franks Rotary No. 50

Moved machine on site Dec. 6¹⁹⁶² @ 12:00 pm. Drilled through
15 ft. of overburden with 12 inch tri cone roller bite. Finished
work @ 3:00 p.m.

Arrived on site @ 8:30 a.m Dec. 7. Set 16 ft. 10 in. of
10 inch well casing and 20 ft. of 6 inch casing. Poured grout
in between the two casings. Grout consists of 9 bags (100 lbs)
each, of High Early cement. Grout was then allowed to set for
72 hours.

Dec. 10 Started drilling @ 8:30 a.m. with 6inch carset bit
Rock formation is orange granite, very hard with no seams or
soft areas. Rock changed to a darker shade @ 55 ft. no water
thus far. Drilled to 65 ft. and stopped work @ 5:00 p.m.

Dec. 11 Started work @ 8:30 a.m. Rock getting harder @
70 ft. cutting rate is now 1 ft. every 12 min. Picked up 3 gals.
per minute @ 90 ft water is from bed seam in granite, rock is
still hard. Stopped work @ 5:00 p.m.

Dec. 12. Started drilling @ 8:00 p.m. Granite changed to
a bluish green color at 130 ft. cutting rate is now 15 ft. every
hour and fifteen minutes. stopped work at 5:00 p.m. total depth
at this time is 180 ft. no more water as yet.

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(contd.)

REFERENCE. ...Water supply wells.

Dec. 13. Rock is still unchanged in hardness. Struck a dry seam at 185 ft. rock is getting softer at 190 ft. Water is starting to come in at 192 ft. At depth of 196 ft. well is producing about 30 gals. per minute. Drilled a 10 ft. pocket below vein of water then surged well with air pressure to clean out all grindings and dirt from dry seams. Well is now completed at a total depth of 205 ft. Water is still holding steady at 30 gals. per min.

Folded machine up and moved from site at 5.00pm.

NOTE..... The carbide bits used in this drilling operation were changed at the average of every 30 ft. for the entire well.

205 Ft depth
30 gpm

Other Supporting Information

WATER RESOURCES SURVEY

1. Park Acadia National Park
2. Area within park where water is required Schoodic Peninsula
3. Land status of Area Park Owned. Visitor Season of Area May - Sept.
4. Was there a previous investigation at this site for water resources No
By whom _____ When _____
5. (a) Is water presently available Yes . (b) In use? Yes
(c) From what source U. S. Navy and small spring.
6. Will this be new or supplemental water source Supplemental
7. First year in which water is needed 1972
8. Types of uses to which it is to be put (i.e., domestic, irrigation, etc.)
Domestic for small primitive campground and seasonal quarters.
9. What new or existing (state which) facilities will be served:
 - (a) Campground (No. of sites) Proposed 50 site primitive campground.
 - (b) Picnic area (No. of sites) _____
 - (c) Concessioner _____
 - (d) Comfort stations Possibly one comfort station eventually.
 - (e) Residences One existing seasonal quarters.
 - (f) Other _____
10. Comments: Area of existing quarters and proposed campground is served by small spring which would not be adequate for campground development. Domestic water could be obtained from nearby pipeline of U. S. Navy, hence new ground water supply would be considered supplemental.

Prepared by Thomas B. Hyde Date January 29, 1968



Docket Information

Number of Documents in Docket 4
Documents Dated from 1/29/1968 to 1/29/1968
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