



WATER-RIGHT DOCKET

Delaware Water Gap National Recreation Area

Docket No: 4

KARAMAC WELL.

Other Supporting Information

12-21-1970: release of claims; karamac well.

*4 copies
Contract*

RELEASE OF CLAIMS

For and in consideration of the receipt of final payment in the amount of \$9,562.50 from the United States of America (hereinafter called the Government) under and pursuant to Contract No. 14-10-7:993-473 for drilling of a test well at Delaware Water Gap National Recreation Area, Pennsylvania, and for and in consideration of the receipt of final payment in the amount of \$2,300.00 from the Government under and pursuant to Contract No. 14-10-7:993-488 for drilling of a test well at Delaware Water Gap National Recreation Area, New Jersey, the undersigned hereby, does remise, release, and discharge the Government, its officers, agents, and employees of and from any and all claims and demands whatsoever under or arising from the said contracts, except specified claims in stated amounts listed as follows:

" NO EXCEPTIONS "

This release has been executed this 21 day of Dec 19 70

Allen J. Greening
(Contractor)

By Allen J. Greening Jr.
owner
(Title)

Form 10-174
(Rev. 9/60)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE**EASTERN SERVICE CENTER**

(Park)

Check One:

Monthly
Estimate ☐Final
Estimate ☒**UNIT PRICE CONTRACT****Proposed**

ESTIMATE NO. 1	FOR (Period) August 16, 1970 - October 5, 1970	DATE December 7, 1970
CONTRACT NO. 14-10-7:993-483	COMPLETION DATE October 5, 1970	EXTENDED DATE
CONTRACTOR Allen J. Greening, Sr.		ORIGINAL CONTRACT \$ 4,150.00
PROJECT Test Well Drilling, Delaware Water Gap National Recreation Area		CHANGE ORDERS* \$
LOCATION Karamac, New Jersey		TOTAL CONTRACT \$

ITEM NO.	CONTRACT QUANTITY	DESCRIPTION	QUANTITY TO DATE	UNIT PRICE	AMOUNT TO DATE
1	50	Drill to receive 6 inch inside diameter casing and 2 inch minimum grout ring and install casing and grout.	0	\$27.60	00
2	250	Drill 6 inch diameter open hole.	300	8.50	\$2,550.00
3	0	Bid not accepted	0		00
4	8	Develop well by surging	0	25.00	00
5	8	Standby time for crew.	0	25.00	00
6	Job	Plugging well hole which has been abandoned.	Job	250.00	250.00

RECOMMENDED (Project Supervisor)		SUMMARY	
Signed		TOTAL TO DATE \$ 2,800.00	
Marvin Feldman, Hydrologist		LESS RETAINED AMOUNT..... 00	
Office of Land Acquisition and Water Resources, Inc.		NET 2,800.00	
APPROVED (Contracting Officer)	DATE	LESS PREVIOUS PAYMENTS..... 00	
Signed	OCT 9 1970	LESS LIQUIDATED DAMAGES..... 00	
Ray G. Martinez, Chief, Procurement and Contracting Officer		DUE THIS ESTIMATE..... 2,800.00	
		% COMPLETED TO DATE: 100%	

*Show Breakdown on Reverse

(See Reverse for Distribution)

LS4 ESC-LW

December 8, 1970

LETTER OF ACCEPTANCE

Mr. Allen J. Greening, Sr.
300 West Ann Street
Milford, Pennsylvania 18337

Dear Mr. Greening:

A final inspection of your contract No. 14-10-7:993-473 for drilling of a test well at Delaware Water Gap National Recreation Area, Pennsylvania, and of your contract No. 14-10-7:993-445 for the drilling of a test well at Delaware Water Gap National Recreation Area, New Jersey, was made on November 17, 1970, by Park Planner James L. Isenogle of Delaware Water Gap National Recreation Area.

This inspection revealed that the work was completed in accordance with specifications and is hereby accepted.

Sincerely yours,

(Sgd) RAY G. MARTINEZ

Ray G. Martinez
Chief, Procurement and Contracting
Officer

 Signed

By Harvin Feldman
Hydrologist, ESC

cc:
General Superintendent ECP, Attn: Finance Office
Director, Northeast Region
Superintendent, Delaware Water Gap NRA
Chief, Division of Water Resources, WASO
ESC-Contracts
ESC-OPM

ESC-LW (Water Resources - DWG Contracts)
ESC-D

MFeldman:egz 12/8/70



IN REPLY REFER TO:

D52

United States Department of the Interior

NATIONAL PARK SERVICE
Delaware Water Gap National Recreation Area
Highway I-80
Columbia, New Jersey 07832

November 19, 1970

Memorandum

To: Director, Eastern Service Center
Attention: Garry Moore

From: Acting Superintendent, Delaware Water Gap

Subject: Contract #14-10-7-993-473, Mt. Minsi & Slateford Wells
Contract #14-10-7-993-488, Karamac Well

The following is a list of the work completed by Greening on the test wells covered under the above-mentioned contracts:

Slateford Creek Well:

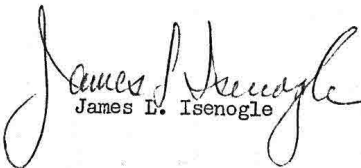
1. Installed 81' of casing
2. Drilled down 300'
3. No pump testing for yield, drawdown, and recovery of well.
4. 8 hrs. spent to develop well by surging.
5. No standby time.
6. Did not plug well hole.

Mt. Minsi Well:

1. Installed 74' of casing.
2. Drilled down 300'
3. No pump testing for yield, drawdown and recovery of well.
4. Did not develop well by surging.
5. 2 hrs. standby time for crew and equipment.
6. Did not plug well hole.

Karamac Well:

1. No casing installed.
2. Drilled down 300'
3. No pump testing for yield, drawdown and recovery of well.
4. No hours spent to develop well by surging.
5. No standby time for crew and equipment.
6. Well hole plugged.


James E. Isenogle

6 copies

Ground-Water Supply for Watergate and Beulah Lands,
Delaware Water Gap National Recreation Area, New Jersey

Harold Meisler, Supervisory Hydrologist
U.S. Geological Survey
Trenton, New Jersey
October 1968

The purpose of this report is to: (1) identify the available aquifer at two locations (Watergate and Beulah Lands) in the Delaware Water Gap National Recreation Area, and to describe the capacity of the aquifers to yield water to wells; and (2) to select well-drilling sites at each of these locations. This investigation was made at the request of the National Park Service.

Beulah Lands and Watergate, located in Warren County, New Jersey, are underlain by the High Falls Formation of Silurian age. In the vicinity of the Delaware Water Gap the High Falls Formation is approximately 1,350 feet thick and consists of red, green, and olive colored sandstone and shale.

Reported yields (compiled by the New Jersey Bureau of Geology and Topography) of 101 wells tapping the High Falls Formation in Warren (5 wells) and Sussex (96 wells) Counties, New Jersey range from 1/2 gpm (gallons per minute) to 60 gpm. The average yield is 17 gpm. Reported specific capacity of 47 of these wells (3 are in Warren County) average approximately 0.6 gpm per foot of drawdown.

Overlying the High Falls Formation in at least part of the Watergate area are deposits of glacial till of Pleistocene age. The areal extent or thickness of the till is unknown. The till is relatively impermeable and does not yield appreciable quantities of water to wells. Sand and gravel deposits of glacio-fluvial origin may occur in the Watergate area. Such materials, if thick enough and within the zone of saturation, would yield significant quantities of water to wells. The occurrence and suitability of such deposits in the Watergate area would have to be established by test drilling.

On October 2, 1968 the writer accompanied by James L. Isenogle of the Delaware Water Gap National Recreation Area located and marked five well-drilling sites. These sites, three at Beulah Lands and two at Watergate, are shown on the accompanying maps. The order in which the sites should be drilled is also indicated on the maps. Obviously, if an adequate water supply is obtained from the first drilled well, drilling at site 2 or 3 should not be undertaken.

The selection of these sites is based on (1) the possible occurrence of joint systems in the underlying rocks as inferred from the topography at the two locations; (2) the probable pattern of ground-water movement as interpreted from the geology and topography; and (3) the possible occurrence of permeable sand and gravel deposits.

Wells at Beulah Lands should be drilled to depths of 350 feet unless adequate water is obtained at shallower depths. At Watergate the maximum drilling depth should be 300 feet.

Docket Information

Number of Documents in Docket 6

Documents Dated from 10/15/1968 to 12/21/1970

Docket Compiled: 2/23/2011