



WATER-RIGHT DOCKET

Yellowstone National Park

Docket No: 9

BRIDGE CREEK, BECHLER AREA, AND BRIDGE BAY WELLS

Other Supporting Information

10-12-1963: completion report for 1963

YELLOWSTONE NATIONAL PARK

COMPLETION REPORT

Contract No. 14-10-0243-532, Paul Vollmer & Son, P. O. Box 176, Aberdeen, Idaho - for Drilling of Test Water Wells, Bridge Creek and Bechler Area and Reconditioning Bridge Bay Water Well

Supplemental Work Order 2-WR-648

Construction drawings showing well locations were included in the contract specifications and were prepared in the Western Office of Design and Construction in San Francisco, California. Preliminary construction supervision was handled by WODC personnel. However, the actual drilling and testing supervision was conducted by U. S. Geological Survey, Casper, Wyoming.

Bids were opened June 19, 1963. Five bids were received. The low bidder was Paul Vollmer & Son, Box 176, Aberdeen, Idaho, to whom contract No. 14-10-0243-532 was awarded July 2, 1963. The contractor was notified to proceed to work on July 16, 1963. An allowance of 90 calendar days for completion of the work set the completion date as October 21, 1963. Work on the Bridge Bay portion was completed September 13, 1963, and the rig was moved to Bechler September 14. Work on the Bechler portion was completed October 3, 1963.

The existing Bridge Bay well, which was drilled under contract let in Fall of 1960 at a site selected by Mr. Ellis Gordon, District Geologist for the U. S. Geological Survey, showed a pumping rate of 15 g.p.m. after a five-day pumping period in Park-initiated tests in the Fall of 1962. Under contract No. 14-10-0243-532, this well was cased and bailed, treated with Calgon and tested at 34 g.p.m. Once we put the well into use again, sustained yield soon was found to be only approximately 15 g.p.m.

"Bridge Creek Well No. 1" was drilled under this contract at a site selected by U. S. G. S. near the existing Bridge Bay well. The well was tested at 48 g.p.m., but yield during the first season, which was relatively wet, was disappointing - production averaged approximately 13 to 14 g.p.m. This well was transferred to Yellowstone Project "Water and Sewer, Dock Area, Bridge Bay" (Work Order No. B-48-YEL, \$2,098.85, Allotment Advice 3-5-3 dated 7/21/64) for connection into the Bridge Bay system.

The Bechler well (Cave Falls area) was drilled to a depth of 153 feet and pumping test showed 10 g.p.m. for 24 hours.

Details on the three wells are given in the attached logs.

Item No.	Quantity	Description	Amount	% Complete	Amount
3.	110	Lin. Ft., 6-inch (I.D.) Casing to be installed, sur- face to bottom of well at	<u>2.65</u>	<u>30</u>	<u>22.00</u>
4.	20	Lin. Ft., Perforating casing at	<u>1.65</u>	<u>0</u>	<u>0</u>
5.	20	Lin. Ft., Standard Well Screen for 6-inch casing, if required	<u>16.85</u>	<u>17.00</u>	<u>235.45</u>
6.	20	Barre, Development and ex- perimental work as directed	<u>1.00</u>	<u>57.5</u>	<u>460.00</u>
7.	1	Each, Furnish and set test pump and equipment at	<u>140.00</u>	<u>100</u>	<u>140.00</u>
8.	20	Hours, Test pugging of the Well as directed at	<u>10.00</u>	<u>24.00</u>	<u>240.00</u>
9.	2	Days, Standby of Equipment and crew at	<u>5.00</u>	<u>0</u>	<u>0</u>
10.	1	Days for running and grouting upper section of well at	<u>30.00</u>	<u>0</u>	<u>0</u>
11.	110	Lin. Ft., Placing and removing 6-inch (I.D.) Casing, surface to bottom of well at	<u>2.65</u>	<u>36</u>	<u>27.40</u>
12.	110	Lin. Ft., Plugging abandoned bore at	<u>.40</u>	<u>0</u>	<u>0</u>
TOTAL COST - WELL NO. 1					<u>2,028.85</u>

Well No. 2 (If Required)

1.	150	Lin. Ft., Bore for 6-inch (I.D.) Casing, Surface to bottom of well at	<u>5.00</u>	<u>0</u>	<u>0</u>
2.	150	Lin. Ft., 6-inch (I.D.) Casing, furnished and installed, sur- face to bottom of well at	<u>2.65</u>	<u>0</u>	<u>0</u>
3.	20	Lin. Ft., Perforating casing at	<u>1.65</u>	<u>0</u>	<u>0</u>
4.	20	Lin. Ft., Standard Well Screen for 6-inch casing, if required at	<u>16.85</u>	<u>0</u>	<u>0</u>

			Vol-534	Page 3		
* Item	No.	Quantity	Description	Amount	Complete	Amount
5.	20		Hours, Development and experimental work as directed at	2.00	-0-	-0-
6.	1		Each, Furnish and set test pump and equipment at	140.00	-0-	-0-
7.	20		Hours, Test pumping of well as directed at	10.00	-0-	-0-
8.	2		Days, Standby of equipment and crew at	2.00	-0-	-0-
9.	1		Lump sum, Seaming and grouting upper 10 feet of well at	30.00	-0-	-0-
10.	150		Lin. Ft., Placing and removing 6-inch (I.D.) Casing, surface to bottom of well at	2.00	-0-	-0-
11.	150		Lin. Ft., Plugging abandoned bore at	.40	-0-	-0-
TOTAL COST - WELL NO. 2						
<u>BECHLER WELL</u>						
1.	150		Lin. Ft., Bore for 6-inch (I.D.) Casing, furnished and installed, surface to bottom of well at	5.00	153.00	765.00
2.	150		Lin. Ft., 6-inch (I.D.) Casing furnished and installed, surface to bottom of well at	2.00	32.00	84.00
3.	20		Lin. Ft., Perforating Casing at	1.00	-0-	-0-
4.	20		Lin. Ft., Standard Well Screen for 6-inch Casing, if required at	16.85	-0-	-0-
5.	20		Hours, Development and experimental work as directed at	9.00	4.5	36.00
6.	1		Each, Furnish and set test pump and equipment at	140.00	100%	140.00
7.	20		Hours, Test Pumping of Well as directed at	10.00	24	240.00

Vol-532

Page 4

Item No.	Quantity	Description	Amount	% Complete	Amount
8.	2	Days, Utility of Equipment and crew at	5.00	100	5.00
9.	1	Lump Sum, heading and grouting upper 10 feet of well at	30.00	100	30.00
10.	150	Lin. Ft., Placing and removing 6-inch (1.44) Casing, surface to bottom of well at	2.50	100	2.50
11.	150	Lin. Ft., Placing abandoned bore at	1.00	100	1.00
TOTAL COASTS - BECHTOLD WELL					1,225.00

PAYMENT REQUESTED

Paul Voller & Sons

(Title)

(Date)

RECOMMENDED E. P. Smith

(Name)

Project Supervisor

(Title)

APPROVED

E. A. Connelley, Associate Superintendent

TOTAL COMPLETE

4,425.00

LESS 10% RETAINED

-0-

NET

4,425.00

LESS PREVIOUS PAYMENTS

2,600.00

DUE THIS ESTIMATE

1,825.00

% COMPLETED TO DATE

100%

DISTRIBUTION

Director

Reg. Dir., Midwest Reg.

Chief, WOLC

Contract Files (3)

Contractor

Project Supervisor

Project Inspector

Supply Officer

File ✓

The beginning date of the Contract was July 23, 1963 and unless extensions were granted the contract would expire on October 21, 1963. The contract was completed on October 12, 1963, therefore no liquidated damages exist.

E. B. Martin

E. B. Martin

Form 10-174
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FACE SHEET FOR COMPLETION REPORT

Park Yellowstone National Park	Region Midwest	Work Order No. 101-211702 (B-48)
Location in Park Bridge Bay	State(s) Wyoming	Fund Symbol 14X1035
☒ Contract and/or ☒ Day Labor	County or Counties PARK	Year Programmed 1962
Work Order Title Water, and Sewer, Dock Area		PCP No. <i>U-213-2</i> <i>filed in file 7/5/68</i>
		Master Plan No. 3808
		Master Plan Corrected By WODC
		As Built Drawings By WODC
		Date Started June 23, 1961
		Date Completed

DESCRIPTION OF FIXED ASSETS
(For completion by employee in charge of project)TOTAL COSTS
(For completion by FFO)* REVISION

230 UTILITY SYSTEMS

(2,434.67)

1. Water - Bridge Creek Well #1

Cost	(2,098.85)
PS&S	(335.82)
	(2,434.67)

* NOTE: This is a revision of Form 10-174 originally submitted in June 1966, in order to cancel charges of \$2,098.85 for well drilling in accordance with memorandum MRO 68-45 dated April 23, 1968.

TOTAL

\$ (2,434.67)

DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES		
No.	To		Title:	Date:
1	WASO	Submitted		
1	DOESC	By: _____		
1	EEO	Approved	Title: _____	Date: _____
1	MIDWEST	By: _____		
1	YELL			
1	BINO	COSTS VERIFIED	Title: _____	Date: _____
		by Bruce E. Heiser	Regional Accountant	June 18, 1968

Form 10-174A
(June 1962)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

COMPOSITION OF COST FOR COMPLETION REPORT

Work Order Number	101-211702 (B-48)
Fund Symbol	14X1035
Year Programmed	1962

Park	Yellowstone National Park	Region	Midwest
Location in Park	Bridge Bay		
Work Order Title	Water and Sewer, Dock Area		

COMPOSITION OF COST

COSTS CHARGED TO FUNDS ALLOTTED TO FIELD FINANCE OFFICE

(1) Personal Services.....	\$	
(2) Travel.....		
(3) Contract Work		
(4) Supplies and Materials.....		
(5) Other Direct Expenses.....	(2,098.85)	
(6) Operation of Equipment.....		
(7) Depreciation of Equipment.....		
(8) Purchase of Construction Equipment.....		
(9) Purchase of Other Accountable Equipment		
(10) Other Costs:		
(11) TOTAL COST CHARGED TO FFO FUNDS	xxxxxxxxxx	\$ (2,098.85)
OTHER COSTS:		
(12) PS&S, AP, and/or Facilitating Services @ 7.6 %.....	\$ (335.82)	
(13) Inventory and Other Non-Fund Costs		(335.82)
(14) GROSS WORK ORDER COSTS	xxxxxxxxxx	\$ (2,434.67)
LESS:		
(15) Residual Value of Construction Equipment on Line 8	\$	
(16) Other Credits		
(17) NET COST OF FIXED ASSETS	xxxxxxxxxx	\$ (2,434.67)

Identify other costs and other credits by line item entry, on an attached schedule, or explain in narrative.

Rey: 135 Rowe 135 Gabbert

UNITED STATES
DEPARTMENT OF INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK, WYOMING

Check One
Monthly Est.
☒ Final Est.

ESTIMATE 2 DATE October 13, 1963

CONTRACT NO. 14-10-0243-552 CONTRACTOR Paul Vollmer & Son

CONSTRUCTION OF Drilling of Water Wells, Bridge Creek and Bechler Areas;
and Reconditioning Bridge Bay Water Well.

COMPLETION DATE 10/23/63 EXTENDED _____

Original Contract \$8,132.00

Work Order No. _____

BRIDGE BAY WELL RECONDITIONING

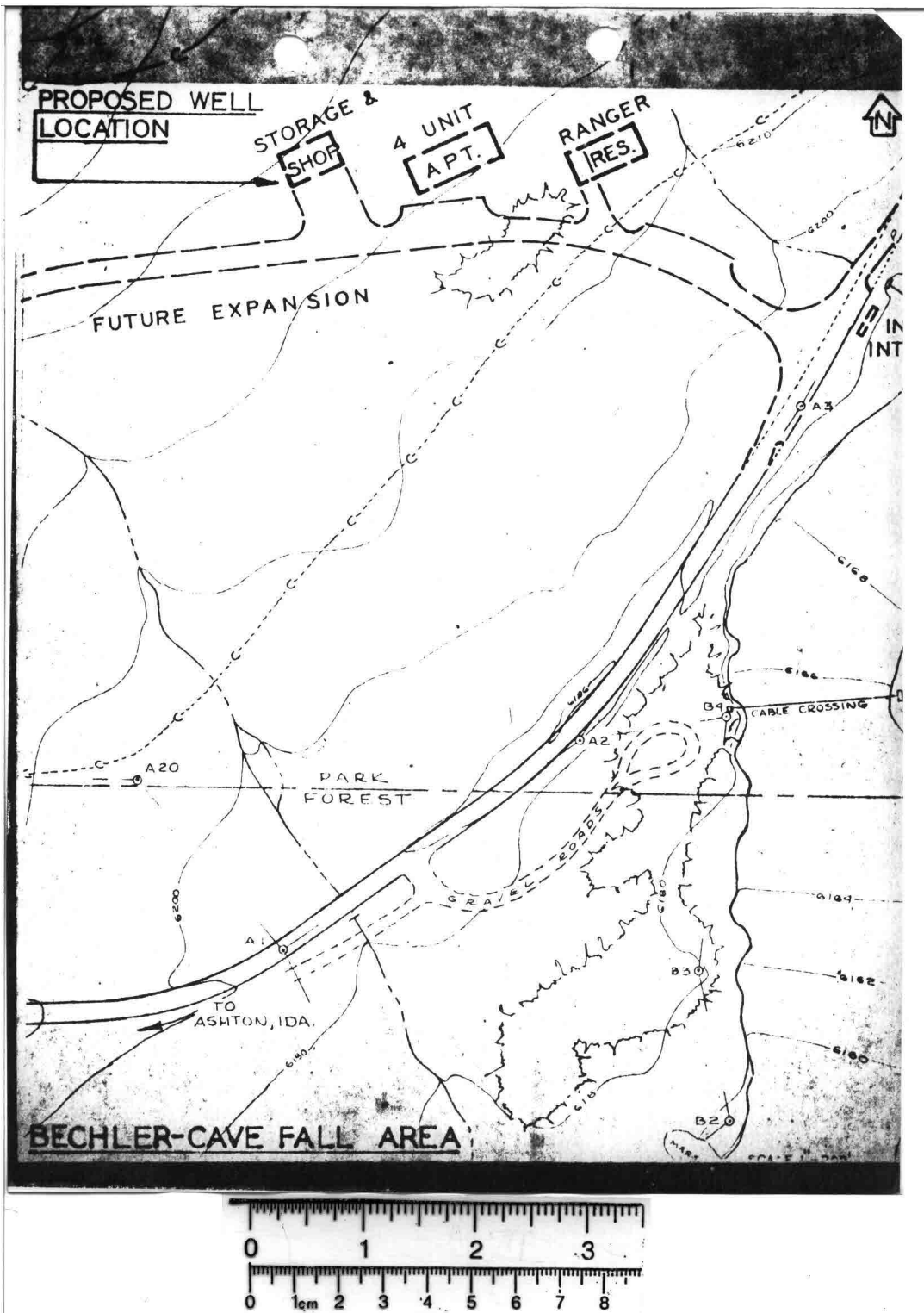
Item No.	Quantity	Description	Amount	% Complete	Amount
1.	1	Lump Sum, Remove, clean, and reinstall existing pump at	<u>242.00</u>	<u>100%</u>	<u>242.00</u>
2.	20	Hours, Cleaning well and further development, as required at	<u>10.00</u>	<u>25</u>	<u>20.00</u>
3.	1	Each, Furnish and set test pump and equipment at	<u>140.00</u>	<u>100%</u>	<u>140.00</u>
4.	20	Hours, test pumping of well as directed at	<u>10.00</u>	<u>42</u>	<u>420.00</u>
5.	1	Lump Sum, Treatment of Well with Calgon Solution at	<u>48.00</u>	<u>100</u>	<u>48.00</u>
TOTAL COST - BRIDGE BAY WELL RECONDITIONING -			\$830.00		<u>1,090.00</u>

BRIDGE CREEK WELLS

WELL NO. 1

1.	1	Lump Sum, Moving Equipment to and from Well Site	<u>185.00</u>	<u>100%</u>	<u>185.00</u>
2.	110	Lin. Ft., Bore for 6-inch (I.D.) Casing, Surface to bottom of well at	<u>5.00</u>	<u>90</u>	<u>450.00</u>

Maps and Miscellaneous Information



Docket Compiled: 7/29/2011