



WATER-RIGHT DOCKET

Organ Pipe Cactus National Monument

Docket No: 17

WELL NO. 3. HEADQUARTERS WATER SYSTEM.

State Water Rights Documentation

06-03-1982: registration of existing wells; registration no. 55-629115, file no. c(17-5)17dbc

DEPARTMENT OF WATER RESOURCES
99 EAST VIRGINIA AVENUE
PHOENIX, ARIZONA 85004

RECEIVED
JUN 9 1982
DEPT. OF WATER RESOURCES

REGISTRATION OF EXISTING WELLS

READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING
PRINT OR TYPE - FILE IN DUPLICATE

Declaration: The United States gives this certification to the State in the interest of equity, and does not concede that the State has power to regulate the rights of the United States to the use of water.

10

REGISTRATION FEE (CHECK ONE)
EXEMPT WELL (NO CHARGE) ☒
NON-EXEMPT WELL - \$10.00 ☐

FOR OFFICE USE ONLY
REGISTRATION NO. 55-629115
FILE NO. C(17-5)17dbc
FILED 6-9-82 AT 1:30
(DATE) (TIME)
INA
AMA

1. Name of Registrant:
National Park Service, Western Region, Division of Water Resources
450 Golden Gate Ave., Box 36063, San Francisco, CA 94102
(Address) (City) (State) (Zip)

2. File and/or Control Number under previous groundwater law:
(File Number) 35- (Control Number)

3. a. The well is located within the SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 17, of Township 17 S N/S, Range 5 W E/W, G & SRB & M, in the County of Pima.

b. If in a subdivision: Name of subdivision _____, Lot No. _____, Address _____.

4. The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industrial)
Unused

5. If for irrigation use, number of acres irrigated from well _____.

6. Owner of land on which well is located. If same as Item 1, check this box ☒
(Address) (City) (State) (Zip)

7. Well data (If data not available, write N/A)
a. Depth of Well 291 feet
b. Diameter of casing 6 inches
c. Depth of casing 290 feet
d. Type of casing steel
e. Maximum pump capacity N/A gallons per minute.
f. Depth to water 279 feet below land surface.
g. Date well completed May 1954 (Month) (Day) (Year)

8. The place(s) of use of water. If same as Item 3, check this box ☐
_____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$, Section _____ Township _____ Range _____
_____ $\frac{1}{4}$ _____ $\frac{1}{4}$ _____ $\frac{1}{4}$, Section _____ Township _____ Range _____
Organ Pipe Cactus National Monument - Headquarters Well #3
Attach additional sheet if necessary.

9. DATE JUN 3 1982 SIGNATURE OF REGISTRANT (Sgd) Gerard S. Witucki
GERARD S. WITUCKI
CHIEF, DIVISION OF WATER RESOURCES

Supporting Hydro Data

FORM NO 9-1904-A

SITE NO. (C-17-5) 17006

Recorded by T.W. ANDERS - 1U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
GROUND WATER SITE INVENTORY
SITE SCHEDULEDate 10-18-78Check One ☒ English ☐ Metric Units

GENERAL SITE DATA (10)

Site Ident No 315635112480201 RG Number R=0 Transaction T=ADMY
 Site Type 2=C D H I M P T W Data 3=C U L M Reporting Agency 4=USGS
 Project No. 5=WMD District 6=04 State 7=04 County (or town) PIMA 8=019
 Latitude 9=31.5635 Longitude 10=111.24802 Lat-Long Accuracy 11=SF T M
 Local Number 12=C-17-05, 17.DCB UNSRU Land Use 13=UNSHOSE, 17, T 17.5, R 0.5, W 0.5
 Location Map 14=LUKEVILLE Scale 15=62500
 Altitude 16=1640 Method of Measurement 17=ALM Accuracy 18=020
 Topo Setting 19=D C E F H K L O P S T U V W Hydrologic Unit (OWDC) 20=
 Date of First Construction/Completion 21= Use of Site 23=ADEG H O M P R S T U V W X Z
 Use of Water 24=ABCDEF H I M N P R S T U V W X Z
 Secondary Water Use 25= Tertiary Use of Water 26= Depth of Hole 27=285 Depth of Well 28=285 Source of Depth Data 29=5
 Water Level 30=DRY Date Measured 31=10/17/1978 Source 33=5
 Method of Measurement 34=AC E G H L M R S T V Z
 Site Status 37=DFGH P R S T V X Z
 Source of Geohydrologic Data 38= Pump Used 39= Measuring Point 266=+3.0 Measuring Point Date 267=10/17/1978

OWNER IDENTIFICATION (1)

R=158 T=ADMY Date of Ownership 159=10/17/1978
 Name: Last 161=PARK, SERU First 162=DALENA Middle Initial 163=

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 T=ADMY Ident 190=NPS #2 Assigner 191=NPS
 New Card Same R & T Ident 190 Assigner 191

SITE VISIT DATA (1)

R=186 T=ADMY Date of Visit 187= Name of Person 188=

FIELD WATER QUALITY MEASUREMENTS (1)

R=192 T=ADMY Date 193= Geohydrologic Unit 195=
 New Card Same R thru 195
 Temperature 196=0.0, 0.1, 0 Degree C 197=
 Conductance 196=0.0, 0.9, 5 μ Mho 197=
 Other (STORET) Parameter 196= Value 197=
 Other (STORET) Parameter 196= Value 197=

FOOT NOTES:

① Source of Data Codes:

S D O A R L G Z
 reporting, driller, owner, other gov't, other logs, geologist, other reported, agency

NATIONAL G.W. FILE

NPS #3
W. Wierle
NPS

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = A D M * Entry No 256 # * Depth to Top 91 = * Depth to Bottom 92 = *

add, delete, modify

Unit Identifier 93 = * Lithology 96 = * Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * T = A D M * Geohydrologic Unit Entry No 256 # *

add, delete, modify

Date 95 # / / * Water Level 126 = * % Water Contributed 132 = *

month day year

GEOHYDROLOGIC UNIT DESCRIPTIONS (1)

R = 90 * T = A D M * Entry No 256 # * Depth to Top 91 = * Depth to Bottom 92 = *

add, delete, modify

Unit Identifier 93 = * Lithology 96 = * Lithologic Modifier 97 = *

AQUIFER DATA (2)

R = 94 * T = A D M * Geohydrologic Unit Entry No 256 # *

add, delete, modify

Date 95 # / / * Water Level 126 = * % Water Contributed 132 = *

month day year

PERTINENT REMARKS

R = 183 * T = A * 185 = *

add

New Card Same R&T 185 = *

185 = *

NOTES:

to headwaters

Sec. 17

to camp road

PERMANENT REFERENCE
 Do Not Discard

 FORM 9-1642B
 (DEC. 68)

NATIONAL PARK SERVICE

 Well No. (C-17-5) 17 dbc

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by W. Werrell Source of data Field Date July 11, 73 Preliminary Map: Nariz Mt. 2 NE, 7 1/2'
 State Ariz County 04 (or town) Pima Sequential number: 1
 Latitude: 31 56 40 N Longitude: 112 48 02
 Lat-long accuracy: 1 T. 17 R. 5 Sec. 17 SW 1 NW 1 SE 6 SR PM
 Local well number: C-17-05 17 DBC Other number: NPS # 3
 Local use: NATL PARK SER 3 Owner or name: National Park Service
 Ownership: (C) County, (F) Fed Gov't, (M) City, Corp or Co, Private, State Agency, Water Dist F
 Use of water: (A) Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P S, Rec, (S) Stock, Instit, (U) Unused, (V) Recharge, Desal-P S, Desal-other, Other U
 Use of well: (A) Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, (U) Unused, (W) Withdraw, Waste, Destroyed U
 DATA AVAILABLE: Well data 70 Freq. W/L meas.: 71 Field aquifer char. 72
 Hyd. lab. data: 73
 Qual. water data; type: 74
 Freq. sampling: 75 Pumpage inventory: yes 76 no, period: 77
 Aperture cards: 78
 Log data: Drillers log 79

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 291 ft Meas. Driller 291
 Depth cased: 290 ft Casing type: Steel Diam. 6 in 6
 Finish: (C) porous concrete, (F) gravel w. concrete, (G) gravel w. (perf.), (H) horiz. gallery, end, (O) horiz. open, (P) perf., screen, sd. pt., shored, (S) other, (T) other, (W) other, (X) other, (Y) other, (Z) other
 Method: (A) air bored, (B) cable, dug, hyd jetted, (C) air, (D) reverse, (E) trenching, driven, (F) wash, (G) other, (H) other, (I) other, (J) other, (K) other, (L) other, (M) other, (N) other, (O) other, (P) other, (Q) other, (R) other, (S) other, (T) other, (U) other, (V) other, (W) other, (X) other, (Y) other, (Z) other
 Drilled: May 1954 9 5 14 Pump intake setting: 30 ft 31
 Driller: Emco Drilling Co, Phoenix, Ariz
 Lift: (A) air, bucket, cent, jet, (B) multiple, (C) multiple, (D) multiple, (E) multiple, (F) multiple, (G) multiple, (H) multiple, (I) multiple, (J) multiple, (K) multiple, (L) multiple, (M) multiple, (N) multiple, (O) multiple, (P) multiple, (Q) multiple, (R) multiple, (S) multiple, (T) multiple, (U) multiple, (V) multiple, (W) multiple, (X) multiple, (Y) multiple, (Z) multiple
 Power: (type): diesel, elec, gas, gasoline, hand, gas, wind; H.P. 41 Trans. or meter no. 42
 Descrip. MP Top of casing; 2.7 ft above LSD, Alt. MP 1640 1 6 4 0 Accuracy: USGS Topo - 20' Contours 3
 Water Level: 279 ft above MP; F. 279 LSD 279 Accuracy: Drillers log 32
 Date: May 54 5 5 14 Yield: 33 gpm 34 Method: determined 35
 Drawdown: 36 ft 37 Accuracy: 38 Pumping period: 39 hrs 40
 QUALITY OF WATER DATA: Iron ppm 41 Sulfate ppm 42 Chloride ppm 43 Hard. ppm 44
 Sp. Conduct 45 K x 10 46 Temp. 47 °F 48 Data sampled 49 ppm 50
 Taste, color, etc. 51

 Well No. (C-17-5) 17 dbc

Well No. (C-17-5) 17 dbcLatitude-longitude 31 56 40 N 112 48 02 W

HYDROGEOLOGIC CARD

Physiographic Province: Basin & Range Section: Sonoran
 SAME AS ON MASTER CARD
 Desert B Drainage Basin: Western Mexican Drainage W.M.D. Subbasin: Rio Sonora

Topo of well site: (D) depression, stream channel, dunes, flat, hilltop, sink, swamp, (E) (F) (H) (K) (L)
 (G) (P) (S) (T) (U) (V) offshore, pediment, hillside, terrace, undulating, valley flat

MAJOR AQUIFER: system series aquifer, formation, group
 Lithology: Origin: Thickness: ft

Length of well open to: ft Depth to top of: ft
 MINOR AQUIFER: system series aquifer, formation, group
 Lithology: Origin: Thickness: ft

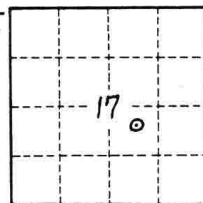
Length of well open to: ft Depth to top of: ft

Intervals Screened: Solid casing set to 290'; last foot is open hole.
 Depth to consolidated rock: ft Source of data: ft
 Depth to basement: ft Source of data: ft

Surficial material: Infiltration Characteristics: ft
 Coefficient Trans: gpd/ft² Coefficient Storage: ft
 Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: ft

Drillers log:

Description	Depth	Thickness
Top soil, medium rocky, soft	0-5	5
Red clay & malpais, soft	5-65	60
Red clay, malpais & gravel	65-105	40
Malpais rocks, some clay	105-115	10
Decomposed formation, soft	115-120	5
Malpais gravel & red clay	120-135	15
Hard malpais, very red	135-148	13
Malpais boulders	148-156	8
Blue clay	156-164	8
Malpais boulders & red clay	164-178	14
Loose malpais gravel & sand	178-185	7 - lost mud & water
Red malpais, gravel & red clay	185-210	25
Malpais boulders, red clay and sand	210-232	22
Conglomerate cemented by caliche	232-242	10
Malpais gravel, red & black malpais rock, gray caliche, some sand	242-268	26
Malpais rock & gray caliche	268-273	5
Black malpais gravel and caliche	273-287	14
Gray sand	287-291	4
		291

Well No. (C-17-5) 17 dbc

GPO: 1972 O - 475-840

Struck water at 287 ft, water rose 8 ft in the hole.
 Well is 188.6 ft south of NPS #4, chained by steel tape.
 Township and Range location determined by projection.

Well is about 200 feet east of paved road to campground.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Water Resources Branch

RECORD OF WELL No 3

1. Location: State ARIZONA County PIMA
 Nearest P.O. Ajo Direction from P.O. South
 Sec. 17 T. 17 S R. 5 W
2. Owner: National Park Service Address Organ Pipe Cactus National Monument
Briller Euse Well Drilling Co. Address Phoenix, Arizona
 Site selected by: Monument staff Address Organ Pipe Cactus Nat. Mon.
3. Situation: Is well on upland, in valley, or on hillside? Valley
4. Type of well: Drilled
 (Dug, driven, bored, or drilled)
 Kind of drilling rig used: Solid tool
 (Solid tool, jetting, rotary, etc.)
5. Depth of well: 291 feet; year in which finished 1954
 Does well enter rock? ; if so, at what depth? ft.;
 kind of rock
6. Depth to water: 279 ft.; amount water rose above level
 where first struck 6 ft.
7. Diameter: At top 6 inches; at bottom 6 inches.
8. Principal water bed: gravel & sand
 (Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 291 ft.; thickness of bed unknown ft.
 If other water supplies were found, give depth to each none
9. Casings: Kind steel; size 6 i.d.; length 291 ft.;
 between depths of and ft.
 Kind ; size ; length ft.;
 between depths of and ft.
 Kind ; size ; length ft.;
 between depths of and ft.
- Packers (if any):
 Depth at which packers were used none;
 kind
- Screen or Strainer: Was well finished with screen or perforated
 pipe? ; kind of screen ;
 length of screen ft.; diameter inches;
 size of openings .
 perforated pipe; size of perforations
 How were perforations made; burned, drilled?

No 3

10. Head: Does well at present overflow without pumping? no
Did it overflow when new? no
11. Pump: Is the well pumped? no; kind of pump: to be installed
Size or capacity of pump _____
Kind of power _____
12. Yield: Natural flow at present (if any) _____ gallons per minute;
original flow _____ gallons per minute;
well has been pumped at _____ gallons per minute,
continuously for _____ hours; quantity of water ordinarily
obtained from well _____ gallons per minute.
13. Use: For what purpose is the water used? domestic and general water supply
14. Quality of the water: soft;
(Hard or soft, fresh or salty, etc.)
is there an analysis? no

Name of person filling blank:

Date: _____ William R. Supernough, Superintendent
Address: Organ Pipe Cactus National Monument

(Record of the beds through which the well passes and any other facts
not given above):

LOG OF WELL

Kind of rock or other material (Give color and tell whether hard or soft)	Depth in Feet		Thickness in Ft.	Remarks (Water Found)
	From	To		
Top soil, Medium rocky, soft	0	5	5	
Red clay & Malpais, soft	5	65	60	
Red clay & " gravel	65	205	40	
Malpais rocks, some clay	105	115	10	
Decomposed formation Very soft	115	120	5	
Malpais gravel and red clay	120	135	15	
Hard malpais (very red)	135	145	10	

(Use continuation Sheet, if necessary).

No. 3

66	Material	From	To	Thickness in feet	Remarks
	Malpais boulders	146	156	8	
	Blue Clay	156	164	8	
	Malpais boulders & red clay	164	178	14	
	Loose malpais gravel & sand	178	185	7	lost mud & water
	Red Malpais ,gravel & red clay	185	210	25	
	Malpais bouldersm red clay and sand	210	232	22	
	Conglomerate cemented by caliche	232	242	10	
	Malpais gravel, red & black malpais rock, gray caliche:				
	large and small rock some sand	242	268	26	
	Malpais rock & gray caliche	268	273	5	
	Black malpais gravel& caliche	273	287	14	
	GRAY sand	287	/?		Water

Total depth of well 291 feet. Casing set to 290 from ground level
 Water could not be lowered by bailer. Water entering casing from bottom/

Form 10-174
(Rev. 8-56)UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
COMPLETION REPORT OF CONSTRUCTION PROJECT

REGION Three	AREA Organ Pipe Cactus National Monument	COUNTY Pima	STATE Arizona
PROJECT OR JOB TITLE Expansion of Headquarters Water System			PCP NO. U-12-1
LOCATION IN AREA Headquarters Area		MASTER PLAN NO. NM-OPC-2025-C	BUILDING NO.
WORKING DRAWING NO AND TITLE NM-OPC-3022 Water System Improvements			
APPROPRIATION TITLE AND SYMBOL NM-OPC-3017 100,000-gallon Reservoir and Connecting Water Lines			
CONTRACT NO. 14-1035		DATE WORK STARTED September 2, 1958	DATE WORK COMPLETED January 20, 1961
NAME OF CONTRACTOR R's Construction Company and Consolidated Western Steel Div. of U.S. Steel		ADDRESS Cortez, Colorado 600 W. Grant St., Phoenix, Arizona	

COST ANALYSIS

CONSTRUCTION ITEMS	QTY.	UNIT COST IN PLACE	TOTAL COST IN PLACE
Personal Services			591.84
Contract 14-10-333-425			18,953.00
Contract 14-10-333-514			26,986.63
Supplies and Materials			101.97
Other Direct Expenses			994.00
FIELD FINANCE OFFICE CLEARANCE:			
		17.51%	47,627.44
			8,339.56
			55,967.00
Robert L. Giles, Regional Accountant February 15, 1961		8V-849	
		TOTAL	47,627.44

SUMMARY OF EXPENDITURES			
PERSONAL SERVICES	591.84	MATERIALS AND SUPPLIES	101.97
OTHER	46,933.63		
	~~45,939.63~~		
CHANGE ORDERS			
ORIGINAL CONTRACT AMOUNT	FIRST	SECOND	THIRD
45,873.47	66.16		
FINAL CONTRACT AMOUNT	FOURTH	FIFTH	SIXTH
45,939.63			
THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AUTHORIZED CHANGES			
SUBMITTED BY (Name and title) Monte E. Fitch, Jr., Superintendent		DATE January 31, 1961	
APPROVED BY (Name and title) (SIGNED) Monte E. Fitch, Jr., Superintendent		DATE January 31, 1961	
(ATTACH NARRATIVE STATEMENT, PHOTOGRAPHS, AND "AS BUILT" DRAWINGS TO THIS FORM)			

Narrative Statement
 Completion Report
 Water System Improvements
 Headquarters Area
 Organ Pipe Cactus National Monument, 1959 and 1960 FY

This project was accomplished in three phases under two separate contracts and a Day Labor Project. Each is described below:

Construction of 100,000-gallon Water Storage Tank and Connecting Water Lines

Plans and specifications for the above project were mailed from WODC on July 3, 1958, for distribution by the Regional Office, Region Three, and by the Superintendent at Organ Pipe Cactus National Monument, the bid opening date having been established as July 31, 1958. The project as advertised provided for construction of a 100,000-gallon steel water storage reservoir and approximately 350 lineal feet of 6-inch asbestos-cement water line, including all necessary excavation, embankment and backfill and such appurtenances as valves, and concrete thrust blocks and pipe anchors.

Four bids were received, the lowest of which was submitted by Consolidated Western Steel Division of United States Steel Corporation, 600 West Grant Street, Phoenix, Arizona, in the amount of \$17,478.00, 50% below the Engineer's Estimate of \$35,200.00.

from
 By letter of August 4, 1958, the Superintendent and Contracting Officer, Contract No. 14-10-333-425 was awarded to the above-mentioned low bidder. Notice to proceed was received by the contractor on August 18, 1958, thereby establishing the contract completion date as October 18, 1958. Contract operations were begun on September 3, 1958.

The work progressed in accordance with the plans and specifications and was generally of a very high standard of quality. Completion of the contract work was achieved on October 17, 1958, on which date a final inspection was made and the Acting Contracting Officer found the job complete and accepted the project.

Total contract payment amounted to \$18,953.00 or approximately 11% above the contract amount, the difference having been brought about by an overrun in the quantity of excavation required for preparation of the reservoir site.

Construction Items	Qty.	COST ANALYSIS	
		Unit Cost In Place	Total Cost In Place
1. Excavation for Preparation of Site	213 c.y.	25.00	5,325.00
2. 100,000-gallon steel reservoir in place	1 job	9,888.00	9,888.00
3. 6" AWWA Gate Valve, furn. & installed	1 ea.	110.00	110.00
4. 4" AWWA Gate Valve, furn. & installed	1 ea.	80.00	80.00
5. 6" Asbestos-Cement pipe, furn. & inst.	350 l.f.	9.00	3,150.00
6. Concrete Pipe Anchors, furn. & inst.	5 ea.	50.00	250.00
7. Concrete Thrust Blocks, furn. & inst.	3 ea.	50.00	150.00
8. Pressure reducing valves w/attachments	6 ea.	11.752	70.51
			<u>19,023.51</u>

Schedule No. 2, Well Area

1. 2" Steel Pipe removed to storage	2,030 l.f.	.53	1,075.90
2. 4" Asbestos-cement pipe furn. & inst.	2,030 l.f.	2.03	4,120.90
3. 4"x4"x2" Tapped Tee, furn. & inst.	1 ea.	103.50	103.50
4. 6"x6"x4" Cast Iron Tee, furn. & inst.	1 ea.	71.50	71.50
5. 4" Gate Valve, furn. & inst.	1 ea.	67.50	67.50
SUBTOTAL SCHEDULE NO. 2 WELL AREA			<u>5,439.30</u>

Schedule No. 3, Utility Area

1. 4" Asbestos-cement Pipe, furn. & inst.	275 l.f.	4.87	1,339.25
2. 6"x4" Reducer, furn. & inst.	1 ea.	20.40	20.40
3. 3/4" Hose Bib and Riser, furn. & inst.	1 ea.	4.50	4.50
SUBTOTAL SCHEDULE NO. 3, UTILITY AREA			<u>1,364.15</u>

Schedule No. 4, Residential Area

1. 6" Asbestos-cement Pipe, furn. & inst.	1,465 l.f.	3.63	5,317.95
2. 6" Gate Valves, furn. & inst.	2 ea.	84.50	169.00
SUBTOTAL SCHEDULE NO. 4, RESIDENTIAL AREA			<u>5,486.95</u>

TOTAL, ALL SCHEDULES	28,042.15
ADD CHANGE ORDER NO. 1	66.16
	<u>28,108.31</u>

LESS 4% on \$28,042.15, Contract Terms	<u>1,121.68</u>
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TOTAL CONTRACT PAYMENT	<u>26,986.63</u>
------------------------	------------------

Purchase and Erection of two Metal Pump Houses at Water Wells

Additional construction funds in the amount of \$1,470.00 were made available from Region Three reserves on August 24, 1960. This amount, with a balance from the above two phases, of \$154.49, provided \$1,624.49 for completing the project.

Quotations for furnishing two metal buildings 8' x 10' were solicited on July 14, 1960. Low quotation was furnished by Young Steel Buildings, Inc., 642 North 17th Avenue, Phoenix, Arizona.

Building materials were delivered to the site on October 12, 1960 and erection was started on November 14, 1960. Some difficulty was encountered due to plant fabrication errors. This was corrected and the building erection was completed on January 20, 1961.

Summary of Expenditures

1. Purchase of two metal buildings (PO 33-20-OPC)	\$994.00
2. Cement for foundation (Petty Cash)	31.46
3. Personal Services	591.84
TOTAL	<u>\$1,617.30</u>

Relocation and Installation of 50,000-Gallon Reservoir and Extension of Water Lines.

Plans and specifications for the above project were mailed from WODC on June 9, 1959 for distribution by the Regional Office, Region Three. The bid opening date was established as June 29, 1959. The project was advertised calling for relocation and installation of one 50,000-gallon steel storage reservoir, the removal to storage of 4,000-gallon steel reservoir and 3,770 lineal feet of two-inch steel pipe, and the installation of 5,017 lineal feet of four-inch and 1,465 lineal feet of six-inch asbestos-cement pipe together with necessary fittings.

Of three bids received, low bidder for this project was the L.R.'s Construction Company of Cortez, Colorado with a bid of \$26,920.47, or \$5,426.53 below the engineer's estimate.

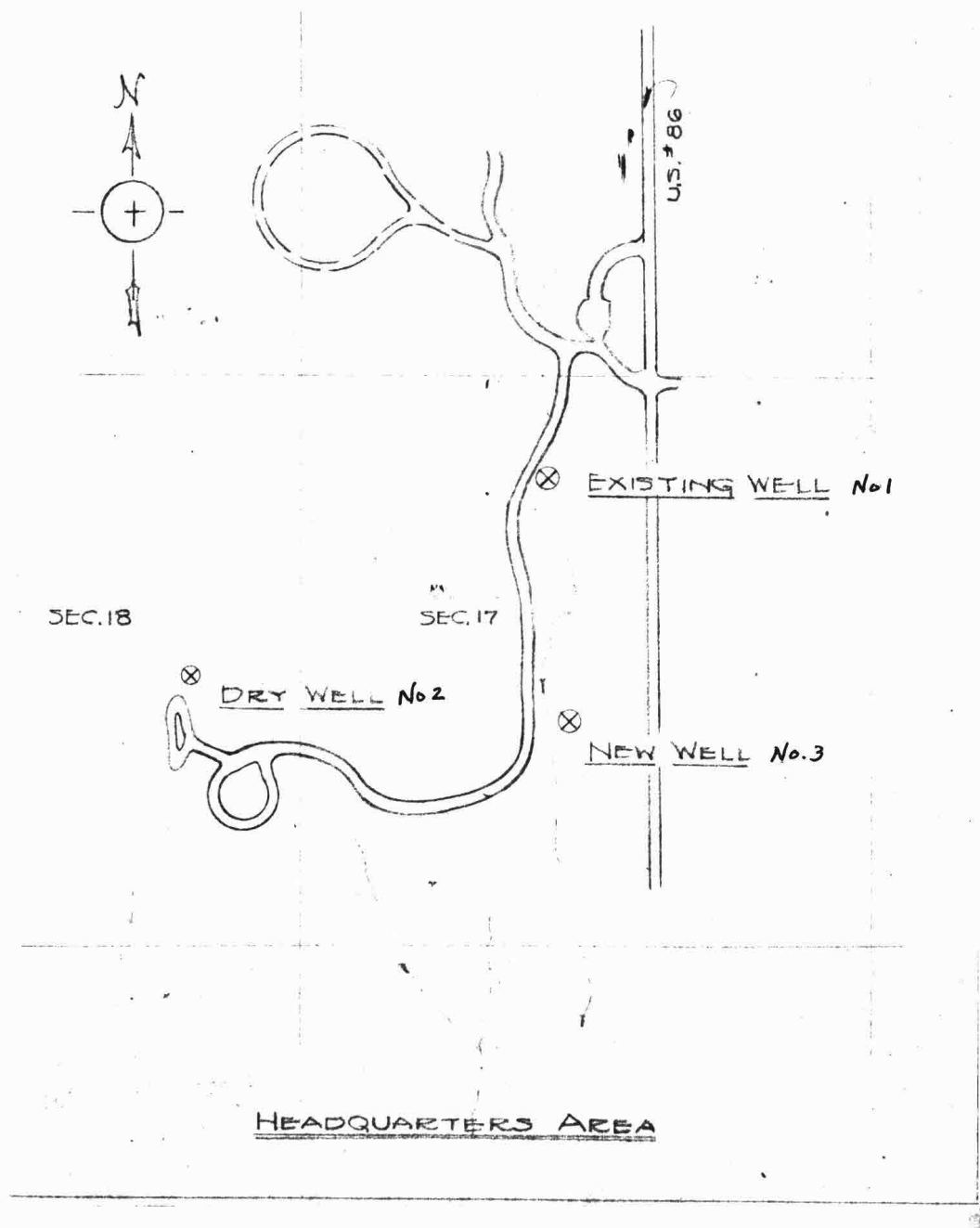
By letter of June 30, 1959, from the Regional Administrative Officer and Contracting Officer, Contract No. 14-10-333-514 was awarded to the above mentioned low bidder. Notice to proceed was received by the contractor on July 17, 1959, thereby establishing the contract completion date as November 14, 1959.

The work progressed in accordance with the plans and specifications and was carried out in a satisfactory manner. Completion of the work under this contract was accomplished on September 1, 1959, on which date a final inspection was made by the contracting officer's representative and the Project Supervisor. The work was found to be complete and was accepted.

Total contract payment amounted to \$26,986.63. An additional cost of \$66.16 over the original contract amount was necessitated by a change in design made to protect pipe at a wash crossing and to permit connection to existing well pumps.

SUMMARY OF EXPENDITURES			
Construction Items	Qty.	Unit Cost in Place	Total Cost in Place
<u>Schedule No. 1 Campground</u>			
1. 50,000-gallon reservoir relocated & inst.	1	7,558.43	7,558.43
2. 4,000-gallon reservoir removed to storage	1	382.74	382.74
3. 4" Asbestos-cement pipe furn. & Inst.	2,712LF	2.435	6,603.72
4. 2" Steel pipe removed and reinstalled	680LF	.325	221.00
5. 2" Steel pipe removed to storage	1,060LF	.43	455.80
6. 3/4" Corporation Stop furn. & Inst.	1	3.30	3.30
7. 4"x1"x2"x2" Tapped Crosses, furn. & Inst.	3	33.50	100.50
8. 4"x4"x3/4"x3/4" tapped Cross. , Furn & Inst.	5	18.50	92.50
9. Float Valve, furn and Inst.	1	18.50	18.50
10. Concrete Thrust Block, Furn. & Inst.	2	100.13	200.26
11. 4" Gate Valves, furn. & inst.	2	57.50	115.00
SUBTOTAL, SCHEDULE NO. 1, CAMPGROUND AREA			15,751.75

Maps and Miscellaneous Information



Docket Information

Number of Documents in Docket 14

Documents Dated from 1/31/1961 to 6/3/1982

Docket Compiled: 6/3/2011