



WATER-RIGHT DOCKET

Dinosaur National Monument

Docket No: 3

WELL #1 (FORMERLY PAT'S HOLE WELL).

Preliminary Docket Information

00-00-0000: water right record park: dino docket number: federal #3

WATER RIGHT RECORD

Park: DINO

Docket Number:
Federal #3

IDENTIFICATION NO: DINO, W, 2 8, 0 7, 1 0, 3 A, F 0 3,

DITCH/WATER SYSTEM: Echo Park

SOURCE OF SUPPLY: Well #1 (Formerly Pat's Hole Well)

LOCATION: SW $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 28, T7N, R103W, 6th PM

WATER RIGHT:

Appropriator: United States of America, National Park Service

Application/Permit Number: 12227

Certificate Record Number:

Date of Priority: September 18, 1962

Quantity of Water: .0266 c.f.s.

Purpose: Domestic, fire protection

Irrigated Land Description:

SUMMARY OF STATUS: This is a Federal water right consisting of a well, pump and distribution system.

This well was finished in 1956.

Information on Well #2 contained in Docket #23.

This well was filed with the State of Colorado as a reserved water right In the Matter of the Application for Water Rights of the United States of America in the District Court in and for Water Division No. 6 W-85 & W-86

Docket No. 3

DINOSAUR

Table of Contents

1. Right half of Drawing NM-DIN-3108-A.
2. Record of Well.
3. Map with Completion Report on Well.
4. Completion Report on Well.
5. Reg. No. ____ of Well. (to be prepared)
6. Application for use of Groundwater. (to be prepared)

DOCKET INFORMATION SHEET

Docket Identity	D111001 W 128 107 1103 A F 03
Region	ROCKY MOUNTAIN
Area	DINOSAUR NATIONAL MONUMENT
Site	ECHO PARK
State	COLORADO
County	MOFFAT
Docket	D111001 WATER RIGHT DOCKET 3
Location	T12N R103W SEC 28 SW1/4 SW1/4
Acquired by	APPROPRIATION
Application	W-185 10706
Permit	112227
Certificate	
Priority	SEPT 11 1962 0.0266 CFS
Reservation	OCT 4 1915
Status	ACTIVE FEDERAL
Source	GROUND WATER
Use	DOMESTIC FIRE PROTECTION
Quantity	0.0266 CFS
Hydrologic Unit	14060001
Remarks	FEDERAL RIGHT CONSISTING OF A WELL PUMP AND DISTRIBUTION SYSTEM APPLICATION FILLED WITH THE STATE OF COLORADO WATER DIVISION 6

Supporting Hydro Data

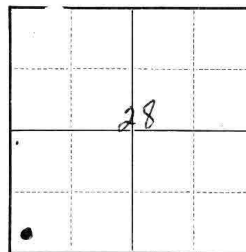
9-255
(Jan. 1927)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

Pat's Hole

D2621



Locate well on plat of section.

1. Location: State Colorado County Moffat
 Nearest P. O. Artesia, Colo. Direction from P. O. N
 Distance from P. O. 20 miles; SW $\frac{1}{4}$ sec. 28, T. 7N, R. 103W
 If in city, give street and number _____
2. Owner: National Park Service Address Dinosaur National Monument
 Driller: Park Service Crew Address _____
3. Situation: Is well on upland, in valley, or on hillside? valley
4. Elevation of top of well: 5074.1 ft. above the level of sea level
(Above or below) (Sea, depot, lake, or stream)
5. Type of well: bored; kind of drilling rig used post hole auger
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)
6. Depth of well: 22 ft.; year in which well was finished 1956
 Does well enter rock? no; if so, at what depth? _____ ft.; kind of rock _____
7. Diameter: At top 8 inches; at bottom 8 inches.
8. Principal water bed: sand & gravel
(Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 18 ft.; thickness of bed 4 ft.
 If other water supplies were found, give depth to each _____
9. Casings: Kind galv. pipe; size 8; length 22 ft.; between depths of 0 and 22 ft.
 Kind perf. w/sandpoint; 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? _____; kind of screen _____;
 length of screen _____ ft.; diameter _____ inches; size of openings _____
10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;
 if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
 original pressure or head _____; if not flowing, give water level in well _____ ft. below surface.
11. Pump: Is the well pumped? yes; kind of pump hand;
 size or capacity of pump 15 GPM; kind of power manual
12. Yield: Natural flow at present (if any) none gallons per minute; original flow _____ gallons per minute;
 well has been pumped at 15 GPM gallons per minute continuously for 6 hours;
 quantity of water ordinarily obtained from well 20 gallons per day. (average)
13. Use: For what purpose is the water used? domestic
14. Quality of the water: med. soft; is there an analysis? yes
(Hard or soft, fresh or salty, etc.)
15. Cost of well, not including pump: \$250.00 Temperature of water 50 ° F.

Name of person filling blank Lady M. Cockrell & John S. CarmackDate July 2, 1958 Address Dinosaur National Monument, Vernal, Utah

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

6-9642

LOG OF WELL

[illegible]

Form 10-174
(Rev. 1/56)UNI STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE9SP1
REPORT ~~XXXX~~

COMPLETION REPORT OF CONSTRUCTION PROJECT

REGION Two	AREA Dinosaur National Monument	COUNTY Uintah-Utah Moffat-Colo.	STATE Utah and Colorado
PROJECT OR JOB TITLE Water Wells - Various Campgrounds		PCP NO. U-16	
LOCATION IN AREA Pat's Hole - Lodore - Split Mountain Gorge		MATERIAL PLAN NO. NM-DIN-3127	BUILDING NO. None Assigned
WORKING DRAWING NO. AND TITLE NM-DIN-2032 - Water Wells and Hand Pumps		ACCOUNT NO. 332.3	
APPROPRIATION TITLE AND SYMBOL 14X1035 Construction		DATE WORK COMPLETED 3/5/58 <i>✓ iam</i>	
CONTRACT NO. None - Accomplished by Day Labor		DATE WORK STARTED July 1954	
NAME OF CONTRACTOR None		ADDRESS None	

COST ANALYSIS

CONSTRUCTION ITEMS	QTY	UNIT COST IN PLACE	TOTAL COST IN PLACE
Wells Drilled: Three each with a depth of from twenty to fifty feet. Wells are located at Lodore, Pat's Hole and Split Mountain Gorge, as shown on attached map. An ample, useable supply of water was obtained. Pumps installed were of the manually-operated suction type.			

COST AGREES WITH FFO RECORDS
C. D. VAN KIRK, SUPERVISORY ACCT.
REGION TWO OFFICE FFO
DATE **APR 16 1958**

TOTAL **1,751.71**

SUMMARY OF EXPENDITURES

PERSONAL SERVICES 920.24	EQUIPMENT	MATERIALS AND SUPPLIES 711.51
OTHER 116.96		

CHANGE ORDERS

ORIGINAL CONTRACT AMOUNT -	FIRST	SECOND	THIRD
FINAL CONTRACT AMOUNT -	FOURTH	FIFTH	SIXTH

THIS PROJECT OR JOB HAS BEEN COMPLETED IN ACCORDANCE WITH
APPROVED DRAWINGS, SPECIFICATIONS, AUTHORIZED CHANGES

SUBMITTED BY (Name and title) <i>Jess H. Lombard</i> Jess H. Lombard, Superintendent	DATE 4/29/58
APPROVED BY (Name and title) Jess H. Lombard, Superintendent	DATE 4/29/58

(ATTACH NARRATIVE STATEMENT, PHOTOGRAPHS, AND "AS BUILT" DRAWINGS TO THIS FORM)

U. S. GOVERNMENT PRINTING OFFICE: 1956-O-374085

Other Supporting Information

Dinosaur National Monument
Vernal, Utah

L54

January 31, 1963

Office of the State Engineer
232 State Service Building
1525 Sherman Street
Denver 3, Colorado

Attention: George W. Colburn

Gentlemen:

Thank you for your letter of January 22, 1963 in which you pointed out discrepancies between the permit forms, the log and history forms, and plotted map locations. We have checked our locations and find that some errors were made on our original permits and some errors made on the log and history form. Listed below are the correct locations of the wells on the Yampa River in Dinosaur National Monument.

No. 12223 - Andersons Hole; NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 13, T6N, R100W, 6PM

No. 12224 - Deerlodge; SW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 21, T6N, R99W, 6PM

No. 12225 - Hardings Hole; NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 22, T6N, R102W, 6PM

No. 12226 - Box Elder; NE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 34, T7N, R103W, 6PM

13 + 23 No. 12227 - Echo Park; SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Sec. 28, T7N, R103W, 6PM

On the Log and History Form, under pump data, it was indicated that 2 HP gas engine centrifugal pumps were being used. This gas engine pump was used for test pumping only. We will install hand pumps on each of these wells with a 1 $\frac{1}{2}$ inch outlet.

We are sorry for the discrepancies and hope this will clear up the matter. If we can be of further assistance please do not hesitate to call on us.

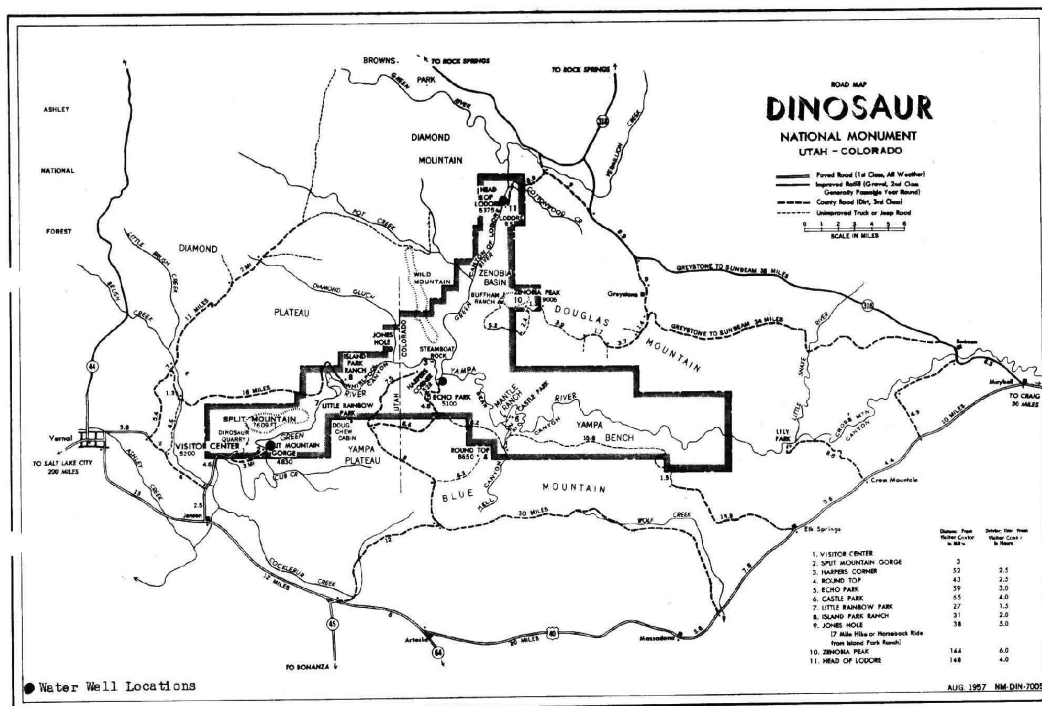
Thank you for your cooperation.

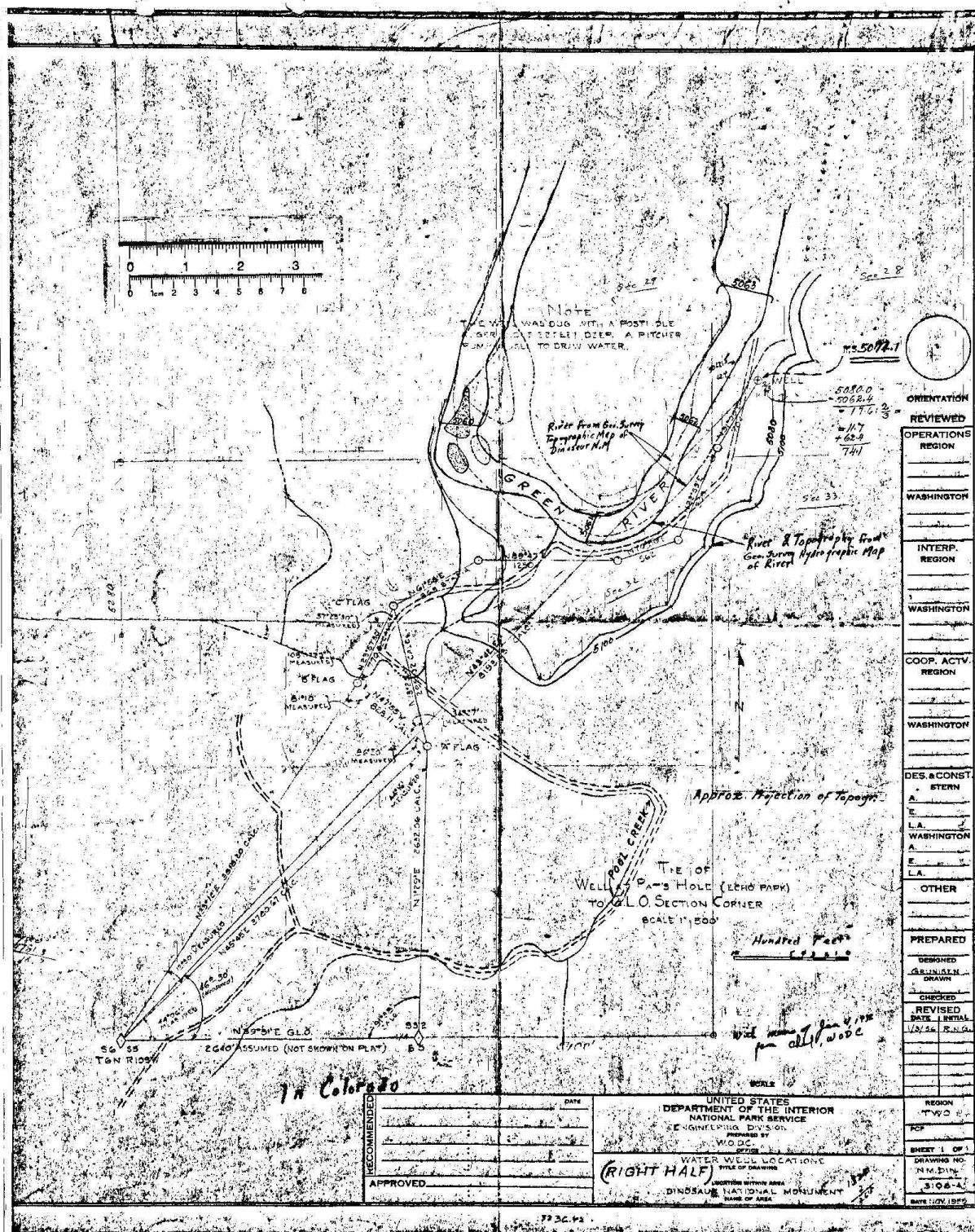
Sincerely yours,


Verne R. Bertsch
Acting Superintendent


cc: Contract File

Maps and Miscellaneous Information





Docket Information

Number of Documents in Docket 9

Documents Dated from 8/15/1957 to 1/31/1963

Docket Compiled: 3/9/2011