



WATER-RIGHT DOCKET

Dinosaur National Monument

Docket No: 19

GREEN RIVER CAMPGROUND WELL.

Preliminary Docket Information

00-00-0000: water right record green river campground

WATER RIGHT RECORD

Park: DINO

Docket Number:
Federal #19

IDENTIFICATION NO: DINO W 3 2 0 4 2 4 A F 1 9

DITCH/WATER SYSTEM: Green River Campground

SOURCE OF SUPPLY: Well

LOCATION: N52°13'E 1072 ft. from SW Cor. Sec. 32, T4S, R24E, SLB&M

WATER RIGHT:

Appropriator: United States of America, National Park Service

Application/Permit Number: 35372

Certificate Record Number:

Date of Priority: April 25, 1963

Quantity of Water: 0.056

Purpose: Domestic

Irrigated Land Description:

SUMMARY OF STATUS: This is a Federal water right consisting of a well drilled July 8, 1963.

It was proposed to construct a 10,000 gallon concrete reservoir, distribution mains and service laterals, four modern restrooms and a caretaker residence.

State Water Rights Documentation

Form 97 10M 2-62

Application No. 35972

APPLICATION TO APPROPRIATE WATER STATE OF UTAH

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☐ Domestic ☒ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☐
2. The name of the applicant is Dinosaur National Monument, National Park Service, Dept. of Interior
3. The Post Office address of the applicant is Vernal, Utah
4. The quantity of water to be appropriated is 0.056 second-feet or 20,000 gallon/day
5. The water is to be used for Domestic from May 1 to October 31
(Major Purpose) (Month) (Day) (Month) (Day)
other use period Domestic (one residence) from November 1 to April 30
(Minor Purpose) (Month) (Day) (Month) (Day)
and stored each year (if stored) from January 1 to December 31
(Month) (Day) (Month) (Day)
6. The drainage area to which the direct source of supply belongs is Present
(Leave Blank)
7. The direct source of supply is* Underground Water (well)
(Name of stream or other source)
which is tributary to - - -, tributary to - - -
*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.
8. The point of diversion from the source is in Uintah County, situated at a point*
By course and distance: S 78° 05' E 1500 ft. from NW Corner of Section 5, T5S, R24E, S1B&M
N. 52° 13' E. 1072 ft. from SW Cor. Sec. 32, T4S, R24E, S1B&M.
*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.
9. The diverting and carrying works will consist of a 6" diameter well between 50 and 100 ft. deep and 2200 ft. of conveyance pipe to place of use.
10. If water is to be stored, give capacity of reservoir in acres 10,000 gallons height of dam -
area inundated in acres - legal subdivision of area inundated -
11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
- - -
- - -
Total - - - Acres
12. Is the land owned by the applicant? Yes X No - If "No," explain on page 2.
13. Is this water to be used supplementally with other water rights? Yes - No X
If "yes," identify other water rights on page 2.
14. If application is for power purposes, describe type of plant, size and rated capacity. - - -
15. If application is for mining, the water will be used in - - - Mining District at the - - - mine, where the following ores are mined - - -
16. If application is for stockwatering purposes, number and kind of stock watered. - - -
17. If application is for domestic purposes, number of persons 400, or families - - -
18. If application is for municipal purposes, name of municipality - - -
19. If application is for other uses, include general description of proposed uses 100 site public campground w/flush toilets plus one family
20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. NW 1/4 Section 5, T5S, R24E, S1/2 SW 1/4 Section 32, T4S, R24E, S1B&M
21. The use of water as set forth in this application will consume 0.056 second-feet of water and - - - second feet will be returned to the natural stream or source at a point described as follows: - - -

Page No. 2

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

The proposed well will provide domestic water for a 100 site overnight public campground complete with flush toilets proposed for construction during the summer of 1963. To be owned and operated by the National Park Service, Department of the Interior. Normal camping season from May 1 thru October 30 with 400 person capacity plus one family year around. Water system will consist of one 6" cased well, one 10,000 gallon underground concrete reservoir, distribution mains and service laterals. Public facilities includes four modern restrooms with 12 fixtures each. One residence will be provided for year around caretaker occupancy.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

U.S. Dept. of Interior, National Park Serv.
Dinosaur National Monument

Earl M. Semingson
Earl M. Semingson Signature of Applicant Superintendent

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, }
County of _____ } ss

On the _____ day of _____, 19____, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

Page No. 3

FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH

Flow rate — c.f.s.	Cost
0.0 to 0.1.....	\$ 10.00
over 0.1 to 0.5.....	20.00
over 0.5 to 1.0.....	30.00
over 1.0 to 15.0.....	30.00 plus \$5 for each cfs above the first cubic foot
over 15.0.....	100.00 per second.
Storage — acre-feet	
0 to 20.....	15.00
over 20 to 500.....	30.00
over 500 to 7500.....	30.00 plus \$5 for each 500 a.f. above the first 500
over 7500.....	100.00 acre feet.

(This section is not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

- 10-0000
- Apr. 25, 1963 Application received ~~over counter~~ by mail in State Engineer's office by Geo
 - Priority of Application brought down to, on account of.....
 - Apr. 25, 1963 Application fee, \$10.00, received by Geo at Rec. No. 67078
 - June 2, 1963 Application copied in book 7049, page 581, and indexed by Geo
 - June 24, 1963 Application platted by Geo 10-4-20-39 CCR
 - July 1, 1963 Application examined by Geo
 - Application returned, ... or corrected by office.....
 - Corrected Application resubmitted ~~over counter~~ by mail to State Engineer's office.
 - July 1, 1963 Application approved for advertisement by Geo
 - Aug. 29, 1963 Notice to water users prepared by Geo
 - Sept. 12, 1963 Publication began; was completed Sept. 26, 1963
Notice published in Vernal Express, Vernal, Utah
 - Sept. 4, 1963 Proof slips checked by Geo
 - Application protested by.....
 - Oct. 3, 1963 Publisher paid by M.E.V. No. 2-1548
 - Hearing held by.....
 - Field examination by.....
 - Oct. 31, 1963 Application designated for approval 27B1278
 - Nov. 15, 1963 Application copied or photostated by bs proofread by.....
 - Nov. 15, 1963 Application ~~approved~~ rejected
 - Conditions:
This Application is approved, subject to prior rights, as follows:
a. Actual construction work shall be diligently prosecuted to completion.
b. Proof of Appropriation shall be submitted to the State Engineer's office by June 30, 1966
c.
 - Time for making Proof of Appropriation extended to.....
 - Proof of Appropriation submitted.
 - Certificate of Appropriation, No....., issued

Wayne D. Criddle,
State Engineer.Application No. 35372

Other Supporting Information



UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Dinosaur National Monument
P.O. Box 101
Artesia, Colorado

IN REPLY REFER TO:

PCP U-63

July 11, 1963

AIRMAIL

Memorandum:

To: Regional Director, Midwest Region
From: Superintendent, Dinosaur
Subject: Test Well, Green River Campground

Reg. Director	
Admin. Asst.	
Asst. to R. D.	
Admin.	
Cons.-Int.-Use	
Res. Planning	<i>done</i>
Prog. Coord.	
Info. & Publs.	
Field Stds.	
<i>X Matt</i>	<i>7/23</i>
Action Taken	
File	

The drilling of a producing test well at the proposed Green River Campground was completed on July 8. Drilling was accomplished under purchase order # 32-DINO-241 by Mr. Loyd B. Roper, Vernal, Utah at a cost of \$1375.00. Well data is as follows:

Depth of Bore	81'
Depth of Casing	84' (3' above ground)
Size of Casing	7" O.D.
Perforating	lower 10'
Static Water Level	10' below ground surface
Drawdown @ 25 gpm	51' " " " "

The pumping test was run with submersible pump, continuously for 48 hours at a rate of 25 g.p.m. with maximum drawdown to 51' below ground surface. The water bearing material is relatively fine sandstone extending from the 72' to 80' depth. The water tastes good, appears to be very soft, and is approximately 45° temperature. A sample has been sent to U.S.G.S., Salt Lake City for chemical analysis.

An application to appropriate water has been submitted to the State of Utah, to secure water rights which have not yet been received. Application number 35372 has been assigned.

The well is located as shown on drawing number NM-DIN-3231, Utilities, Green River Campground. A completion report will be submitted after receipt of chemical analysis tests.

Earl M. Semingsen
Earl M. Semingsen
Superintendent

cc: Chief, WODC
Gallagher
Hong

C.C. MAILED TO
BY.....DATE.....

RECEIVED
MIDWEST
REGIONAL OFFICE

1963 JUL 15 PM 12 47

NATIONAL PARK SERVICE
OMAHA, NEBRASKA

Dinosaur National Monument
P.O. Box 101
Artesia, Colorado

POP 4-63

July 11, 1963

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Earl M. Hemingsen
Superintendent

cc: Chief, WOC
Gallagher
Hong

Aiton 6/25
John F. Aiton
6/25

June 25, 1963

SUPERINTENDENT, DINOSAUR NATIONAL MONUMENT, VERNAL UTAH

**L-54. URMEM JUNE 21 WORK ORDER 2 WR-63B (2nd REV.) FUNDS
CARRY OVER INTO 1964.**

AITON, REGIONAL CHIEF, DIVISION OF LANDS

John F. Aiton

JFA/fh

**John F. Aiton
Regional Chief, Division of Lands**

MOM MOMA 2 I-NPS

OMAHA NEBR 6-25-63 1106S

SUPERINTENDENT

DINOSAUR NATIONAL MONUMENT VERNAL UTAH

L-54. URMEM JUNE 21 WORK ORDER 2 WR-63B (2ND REV.) FUNDS CARRY OVER
INTO 1964.

AITON REGIONAL CHIEF DIVISION OF LANDS

L-54 2 WR-63B (2ND REV.) 1964

BS 1107S





IN REPLY REFER TO:

L-54
PCP U-63

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Dinosaur National Monument
P.O. Box 101
Artesia, Colorado

June 21, 1963
File

AIRMAIL

AIRMAIL

Memorandum

To: Regional Director, Midwest Region
From: Superintendent, Dinosaur National Monument
Subject: Test Well Drilling - Green River Campground
Work Order 2-WR-63B (2nd Rev.)

Work order 2-WR-63B (2nd Rev.) dated April 2, 1963 issued to Dinosaur included an item of \$2000 for drilling a test well at Green River Campground.

We requested and received quotations from several well drilling firms, and issued Purchase Order #32-DINO-241 dated May 28 to the low bidder, Mr. Lloyd Roper, Vernal, Utah. The estimated price of \$925.00 was based on a 60-foot well.

Drilling operations were started on May 28 and to date the well has been drilled to 65 feet with only small quantities of water encountered. It appears our estimated quantities were too low. We suggest the entire \$2000 be obligated to cover additional drilling depth unless these funds can be carried over to the following Fiscal Year.

Earl M. Semingsen
Earl M. Semingsen
Superintendent

In dupl.

E.C. MAILED TO	
BY	DATE

RECEIVED
MIDWEST
REGIONAL OFFICE

1963 JUN 24 PM 12 36

NATIONAL PARK SERVICE
OMAHA, NEBRASKA

Dinosaur National Monument
P.O. Box 101
Artesia, Colorado

L-54
PCP U-63

June 21, 1963

AIRMAIL

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Earl M. Semingsen
Superintendent

In dupl.

Mott 5/1/63
atw 5/1

L54 DINO

MAY 2 1963

Memorandum

To: Superintendent, Dinosaur

From: Hydraulic Engineer

Subject: Test Well Drilling, Green River Campground, Dinosaur

On April 29, 1963, Mr. Richard Verdeck, Billings, Montana called this office and expressed an interest in drilling the subject test well. We advised him to contact your office if he felt interested in a job of this magnitude. We advised the well would be relatively shallow, possibly 100 foot depth.

Fredericksons, Inc., (drillers), of Hutchinson, Minnesota are establishing a field office in Billings, Montana. Mr. Verdeck is their representative, and if you wish to solicit an estimate from him on the subject drilling, his address is Fredericksons, Inc., Box 1981, Billings, Montana.

SIGNED

William A. Mott
Hydraulic Engineer

WAMott:fh

ANALYSES BY GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR

(Results in parts per million except as indicated)

Salt Lake City Laboratory Number	Artesia Hdqs	Artesia Hdqs	Green River Campground	
26314	26316	26317		
Date of collection	7-18-63	7-18-63	7-5-63	
Silica (SiO ₂)		14	9.0	
Iron (Fe)		.05	.17	
Manganese (Mn)		.19	.01	
Calcium (Ca)		71	4.8	
Magnesium (Mg)		33	1.5	
Sodium (Na)		22	149	
Potassium (K)		2.5	.7	
Bicarbonate (HCO ₃)		304	204	
Carbonate (CO ₃)		0	0	
Sulfate (SO ₄)		81	141	
Chloride (Cl)		22	25	
Fluoride (F)		.1	.4	
Nitrate (NO ₃)		.1	.1	
Boron (B)		.03	.15	
Dissolved solids				
Calculated				
Residue on evaporation at 180° C.		389	420	
Hardness as CaCO ₃		312	18	
Non carbonate hardness as CaCO ₃		63	0	
Alkalinity as CaCO ₃				
Percant Sodium		13	94	
Sodium-Adsorption Ratio		.5	15	
Specific Conductance μ mhos @25° C.	517	661	699	
pH		7.5	8.2	
Color (units)				
Lead			.02	
Carbon Dioxide (CO ₂), Calculated				
Arsenic			.00	

26314 - Drilled well No. 03066-F, within SW 1/4 SE 1/4 Sec. 5 T3N R103W, Dinosaur National Monument, Artesia, Moffat County, Colo. (Monument headquarters) Owner: National Park Service. Depth: 800'. Diam: 10". Cased to: 403'. Drilled: Jan. 25, 1962. POC: floor of concrete storage underground reservoir. Clear. WL: minus 347 at 92 GM. Yield: 92 gpm. 55-60° F. Use: domestic.

26316 - Drilled well No. 03066-F - POC: tap at maintenance building.

26317 - Drilled well No. 35372, within SW 1/4 SW 1/4 Sec. 32, T4S R 24E, Dinosaur National Monument, Green River campground, Uintah County, Utah. Owner: National Park Service. Depth: 81'. Diam: 6". Cased to: 81'. Drilled: July 8, 1963. POC: top of casing. Clear. WBF: Fine sandstone. WL: minus 51' at 25 GM. Yield: 25 gpm. 45° F est. Use: domestic. Coll. by: G. H. Gallagher.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Dinosaur National Monument
Artesia, Colorado 81610

ALIEN WATER RIGHTS
within
DINOSAUR NATIONAL MONUMENT

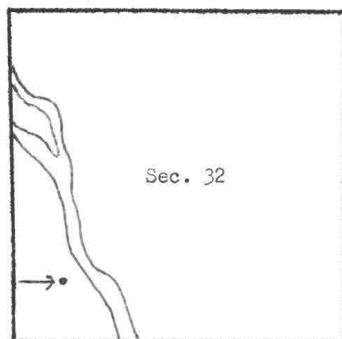
Application Number: 35372

Applicant: NPS, Dinosaur National Monument

Quantity; Use Period: 0.056 sec. ft.; January 1 to December 31

Source: Underground water - well to be used for the sole source of water supply for visitors using Green River Campground.

Point of Diversion: North 52 degrees 13 minutes East 1072 feet from Southwest corner Section 32, Township 4 South, Range 24 East, SLB&M.



Docket Information

Number of Documents in Docket 16

Documents Dated from 5/2/1963 to 7/15/1963

Docket Compiled: 3/9/2011