WATER-RIGHT DOCKET

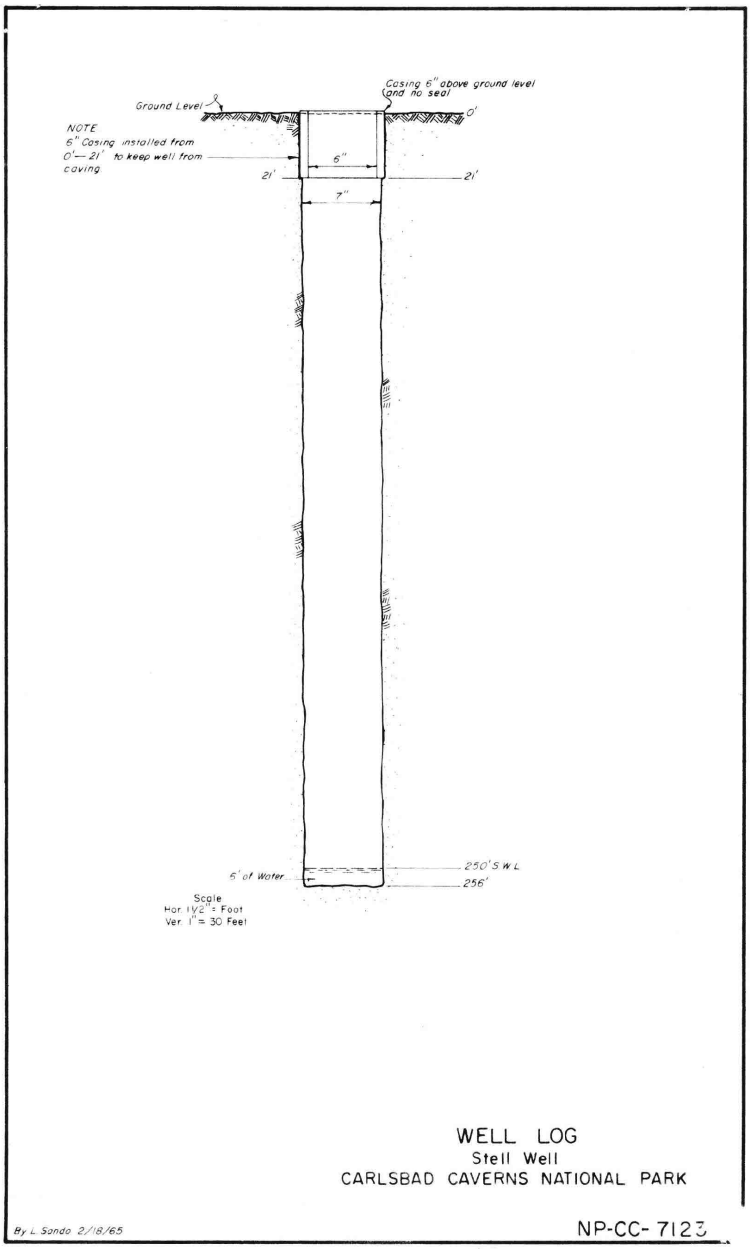
Carlsbad Caverns National Park

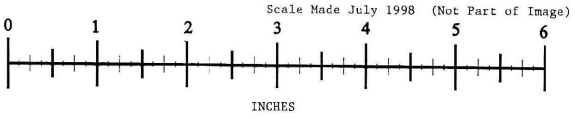
Docket No: 4

STELL WELL

Supporting Hydro Data

02-18-1965: well depth sketch





Other Supporting Information

11-09-1965: memorandum re: transmittal of docket 4; november 09, 1965

UNITED STATES
DEPARTMENT OF THE INTERIOR

NOV 12 8 22 AM '65

NATIONAL PARK SERVICE
Southwest Region
P.O. Box 728
Santa Fe, New Mexico
87501

IN REPLY REFER TO
L54

NOV 9 1965

Memorandum

To: Director

From: Assistant Regional Director, Operations

Subject: Transmittal of Docket No. 4, Stell Well, Carlsbad Caverns

Enclosed for your water rights docket file is Docket No. 4, for the Stell Well at Carlsbad Caverns National Park. Included in the docket, you will find the following items:

a. Drawing NP-CC-7121 - Location of Improvements on Ernest E. Scoggin Lease.

b. A letter-size print giving the imporvements on Section 32 in detail. This map is part of the preceding drawing.

c. A pictorial Well Log, Drawing NP-CC-7123.

d. A field trip report giving information on the well.

By copies of this memorandum we are sending this docket to Chief, WODC and Superintendent, Carlsbad Caverns for their files.

George W. Miller

George W. Miller

In duplicate

Enclosure 5

cc: Chief, WODC (2), w/enc.
Superintendent, Carlsbad Caverns
w/enc.

TO: Assistant Regional Director, Operations May 8, 1964

FROM: Hydraulic Engineer

Field Trip to Carlsbad Caverns

Clyde Arquero, Lawrence Sanio and I spent the week of April 27 through May 1 in the Carlsbad Caverns area. The purpose of our trip was to accurately locate the improvements on the State Land Section 32, T. 24 S., R. 24 E., which is being leased by Mr. Ernest Scoggins. We also located the new well and pipeline at Rattlesnake Springs.

We spent Tuesday and Wednesday on Section 32 locating the well, watertanks, corral, house and fences. These improvements all lie within the NW¼NW¼ of the section. On Wednesday, Mr. Seth Wolts, the appraiser from Seminole, Texas, was in the area with us and at this time I attempted to measure the water in the well and the depth of the well in his presence. However, because of a probable cave-in around the pipe I could not get my probe beyond a depth of 210'.

We completed this survey on Wednesday and on Thursday we tied in the well, pipeline and new improvements at Rattlesnake Springs. A tremendous amount of work has been done by Chief Ranger Broadbent and his staff at Rattlesnake Springs in order to make beneficial use of our water. I think that this work should be commended. The irrigation ditches are now concrete lined and the fields have been leveled in preparation for the irrigation season. In order to complete our records I plan to purchase a portable measuring device for the area so that water used out of Ditch No. 1 can be measured and logged.

The upstream farmers apparently are irrigating around the clock and the pool is lower than it has ever been for this time of the year. While discussing the situation I heard that one of the farmers is using an unauthorized well and I have requested the State Engineer to check the validity of this information.

We completed our work at the Springs on Thursday. Friday morning I contacted Mr. Barron of Carlsbad who drilled the well on Section 32 in 1955. He informed me that the well was a 6" hole and 258' deep. He had no other information to give.

I then talked to Joe Stell, a teacher at Carlsbad, who has subleased Section 32 from Mr. Scoggins. He gave me the following information which I have relayed to Appraiser Wolts. The well is 258' deep, 6" in diameter throughout its entire depth. It has 6' of water in the bottom and probably will produce less than 1 gpm although no exact figures are available. There is 21' of 6" casing at the top of the well, 250' of 2" galvanized pipe and one stainless steel pump barrel in the well. The pipe, windmill tower and pumping barrel are the property of Mr. Stell and will not be considered in the final appraisal. This information was sent to Mr. Wolts.

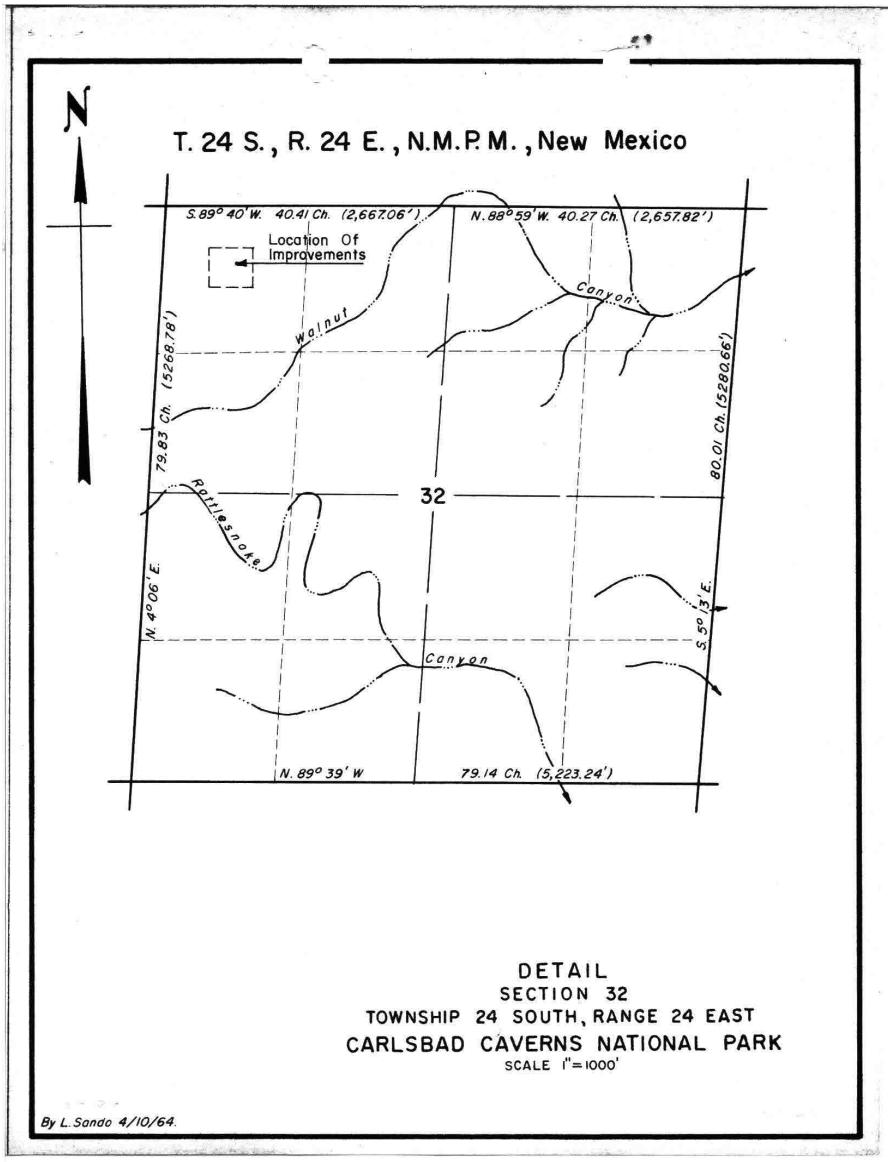
We returned to Santa Fe Friday afternoon arriving here at 4:30 PM.

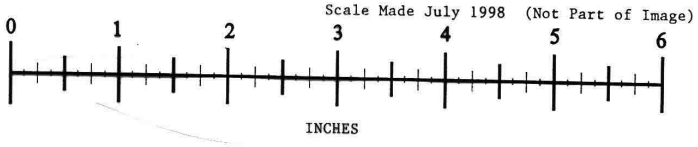
(SIGNED)

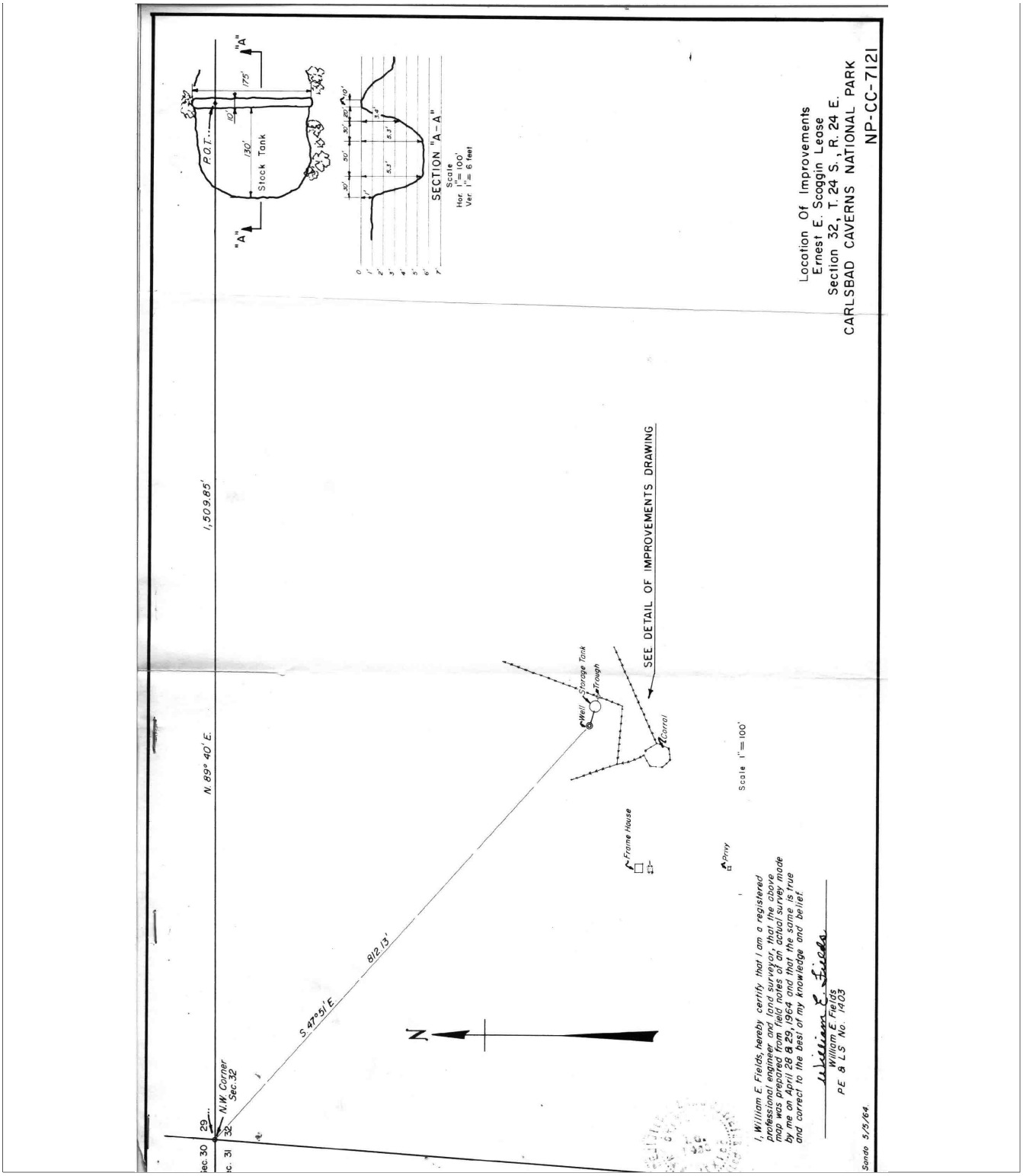
William E. Fields

cc: Assistant Regional Director, Administration
Assistant Regional Director, Cooperative Activities
Regional Chief of Lands

04-10-1964: map showing location of improvements







Docket Information

Number of Documents in Docket 6

Documents Dated from 4/10/1964 to 11/9/1965

Docket Compiled: 2/2/2011