



WATER-RIGHT DOCKET

Buffalo National River

Docket No: 12

TYLER BEND WELL #1

Supporting Hydro Data

11-30-1978: letter in response to telephone request on locations of test drill holes; november 30, 1978

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NOV 30 1978

Mr. Orville Wise
State Geologist
Arkansas Geological Commission
3815 W. Roosevelt Road
Little Rock, Arkansas 72204

Dear Mr. Wise:

In response to your telephone request the following is written confirmation of the locations of the five test holes drilled at Tyler Bend on the Buffalo River. Tyler Bend area is located upstream where U.S. Highway 65 crosses the Buffalo River near Silver Hill.

All wells were drilled by Harold King Drilling Company of Everton, Arkansas during the period of June 12 to July 1, 1978. The accompanying table summarizes the physical description of each well and the accompanying plat shows their locations. Cutting samples from each well were mailed to you for analysis sometime ago.

In the near future our intentions are to drill up to 12 additional wells and test pump all wells drilled in the last two years. Chemical analysis of each well water will also be made. All of the above data will be furnished to your office as they become available.

Sincerely yours,

/s/ John E. Goad

Regional Director,
Southwest Region

Enclosures

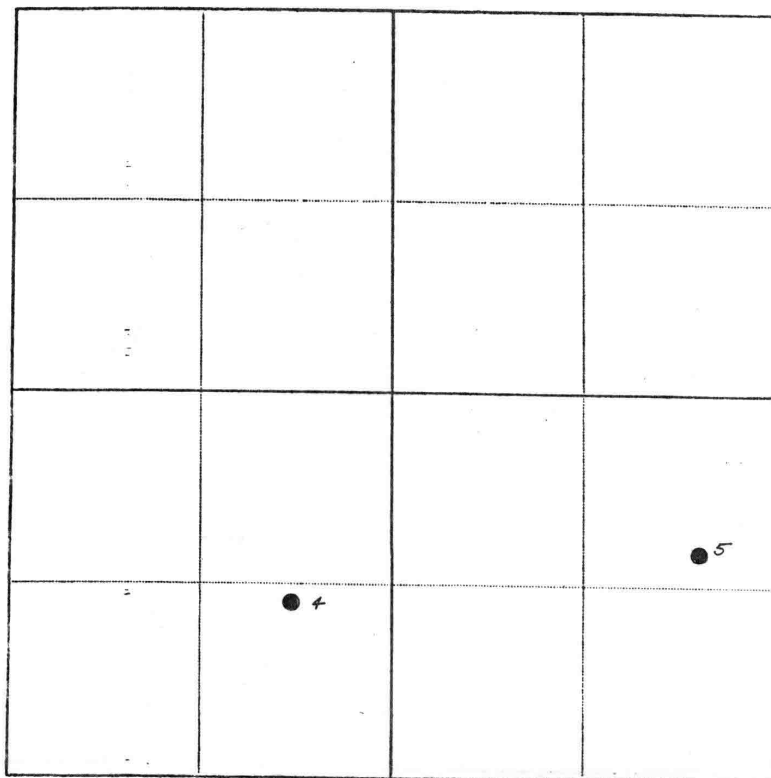
cc:
Chief, Division of Air and Water, WASO, 550 (Atten: Vic Berte')
Supt., Buffalo NR
Moore, OM, SWR (each with copies of enclosures)

Well #	Elev. (ft.)	Depth (ft.)	Diameter (inches)	Casing Depth (ft.)	Grout Depth (ft.)	SWL (BGL) ¹⁾ (ft.)	Drilling Estimate ²⁾ flow
1	950	1275	6	68	68	132.82	10
2	950	670	6	66	66	259.46	45
3	975	580	6	61	61	203.28	50
4	625	235	6	130	130	60.41	150
5	625	430	6	93	93	26.07	60

1) SWL (BGL) means Static Water Level (Below ground level)

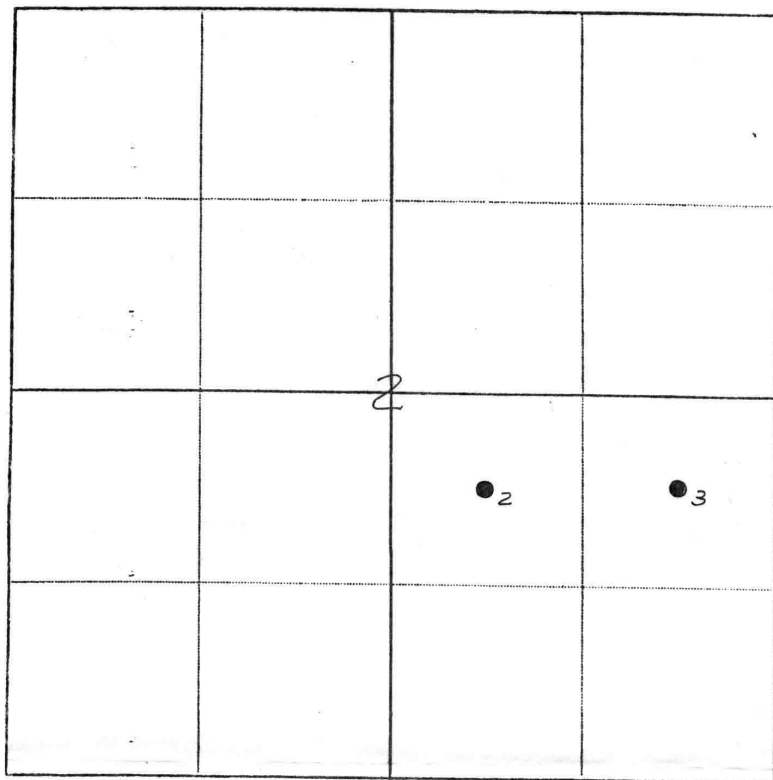
2) Method - Watch and 5 gal. bucket

Sec. 35 Township No. 16N of Range No. 17W



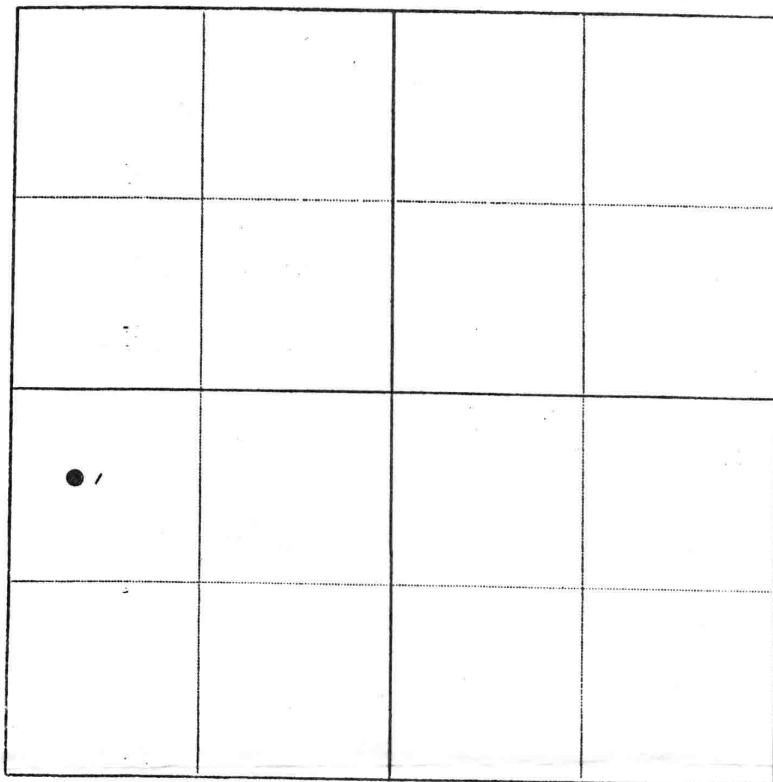
BUFFALO NATIONAL RIVER - SEARLY COUNTY
AREA - TYLER BEND

Sec. 2 Township No. 15 N of Range No. 17 W



BUFFALO NATIONAL RIVER - SEARCY COUNTY
AREA - TYLER BEND

Sec. 1 Township No. 15N of Range No. 17W



BUFFALO NATIONAL RIVER - SEARCY COUNTY,
AREA - TYLER BEND

Well #1

Drilled by: Harold King Well Drilling Company, Everton, Arkansas
 Date drilled: 6/12/78
 Project Supervisor: Garland Moore, Southwest Region, Water Resources
 Location: Tyler Bend, Buffalo National River

Driller's Log

<u>Depth</u>	<u>Description</u>
0' to 8'	Clay and chunk rock
18'	Soft streak of lime and mud between
24'	Gray lime mud streaks
35'	Hard gray lime
58'	1' soft bro lime
65'	Gray lime
112'	Water? 2 g.p.m. gray lime
214'	Gray lime dark, Water?
320'	Alternate layers of lime
385'	Brown lime
414'	Black rock on hard lime & pinkish gray lime
420'	Gray lime
515'	Gray sand
520'	Gray lime
540'	Sand and lime mixed
555'	Dark gray lime hard
593'	White quartz
615'	White sand
625'	Hard gray lime sand
905'	Pink quartz
926'	Brown lime and sand
930'	Brown lime and quartz 10" and gray sand Water?
938'	Dark gray lime sand
990'	Brown lime
1050'	Light gray lime
1105'	Dark gray lime
1230'	White chirt
1231'	Light gray lime

Docket Information

Number of Documents in Docket 6
 Documents Dated from 6/12/1978 to 11/30/1978
 Docket Compiled: 2/8/2011