



WATER-RIGHT DOCKET

Buffalo National River

Docket No: 16

TYLER BEND #5

Supporting Hydro Data

11-30-1978: letter to state geologist requesting information on location and drilling of test 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. Coon

Regional Director,
Southwest Region

Enclosures

cc:

Chief, Division of Air and Water, WASO, 550 (Atten: Vic Berte')

Supt., Buffalo NR

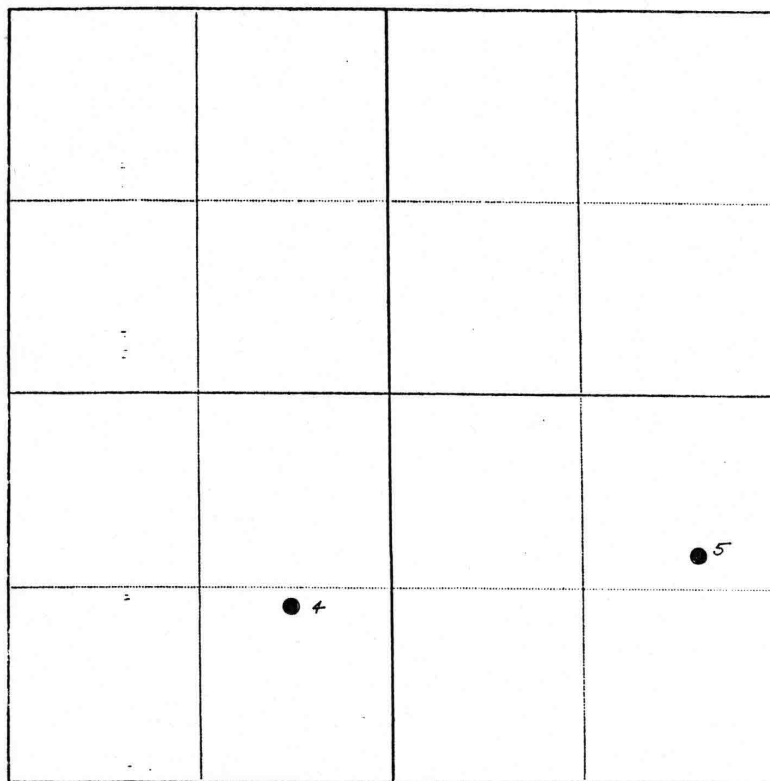
Moore, OM, SWR (each with copies of enclosures)

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)

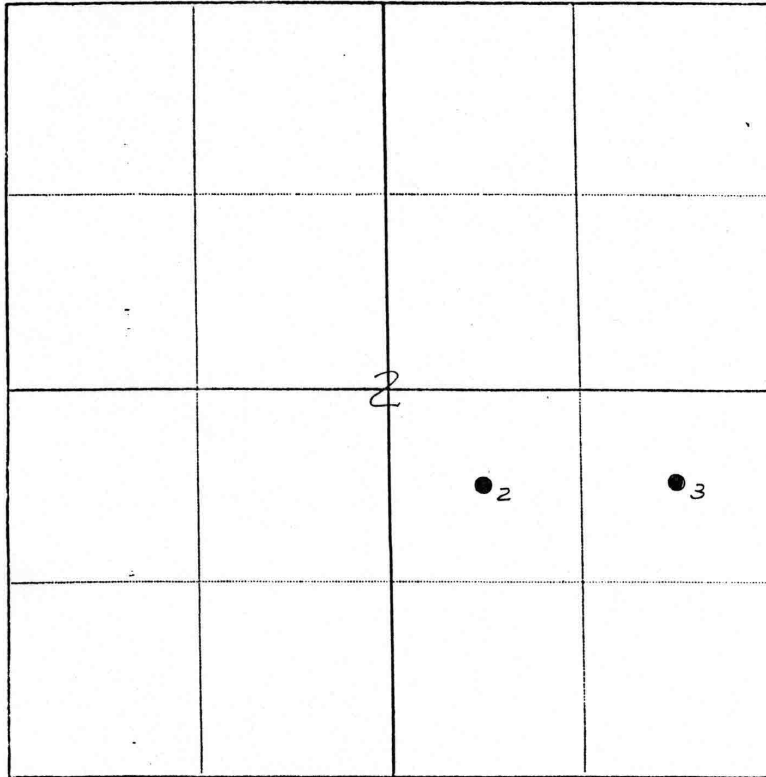
2) Method - Watch and 5 gal. bucket

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



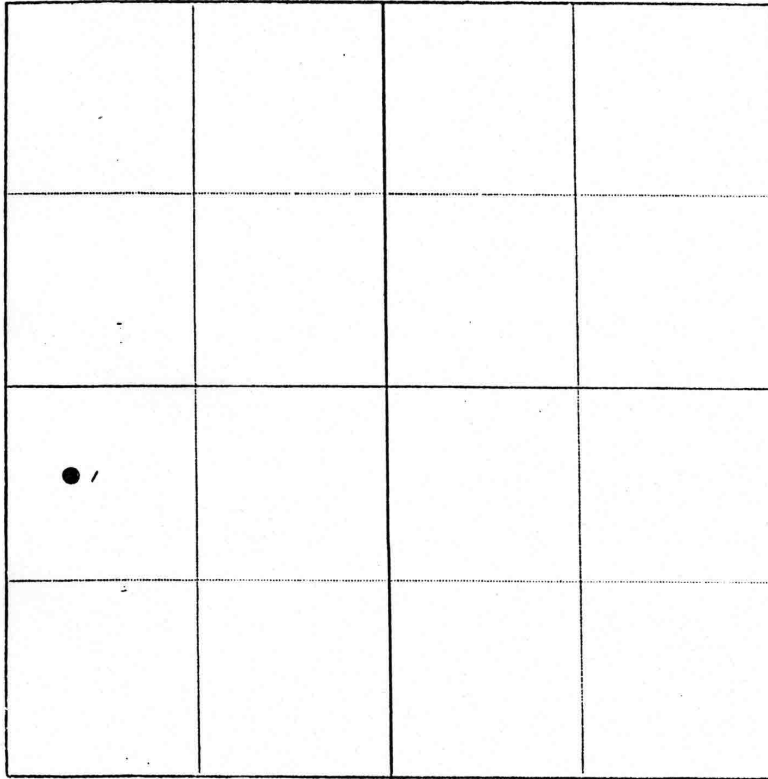
BUFFALO NATIONAL RIVER - SEARLY COUNTY
AREA - TYLER BEND

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 #5

Drilled by: Harold King Well Drilling Company, Everton, Arkansas
 Date Drilled: 6/22/78
 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 10'	Chunk rocky clay
10' to 12'	Lime (white)
12' to 22'	Chunk rocky clay
22'	Blue green lime 44'
44'	Dark gray sandie shaley sand
68'	Soft streak 70' muddie water
73'	Opening 1', water?
112'	Water?
120'	Gray lime
190'	Gray Sand 6-10 g.p.m., water
218'	Blue sand starts
232'	Black sand and blue sand mixed
240'	Gray sand
250'	White sand
291'	Gray sand
293'	Quartz and sand mixture
296'	Greay sand
325'	Grey lime-blue lime-sand mix
328'	Grey sandy lime
345'	Light and dark sand
350'	Grey sand
372'-373'	More water 21 g.p.m. Mixture of multi colored sandstone
392'-394'	More water? - Grey lime and sand mixed
397'-398'	More water/Lots/Brown sand
403'	Dark grey lime and sand mix
405'	Grey lime and white sand
410'	Sandy lime and quartz
413'	Brown and white sand
420'	Grey sand and quartz
60 g.p.m. clear water	

Docket Information

Number of Documents in Docket 6
 Documents Dated from 6/22/1978 to 11/30/1978
 Docket Compiled: 2/10/2011