

MEMORANDUM

To: 29-2385

Fr: Bryce Contor

Date: 7/5/01

Re: Summary of Water Distribution Section Data

The City of Chubbuck reports its water use directly to IDWR Water Distribution section, rather than through the Water Measurement District.

The attached data were provided by Cindy Hodges of IDWR.

Well #1 WR 29-2385 65 34E 11 NENW
(maybe NWNW)

1-8-1998 Cindy Hodges measured 300 GPM

3-4-1998 Brian Higgs measured 323 GPM

Well #2 WR 29-2413 65 34E 3 NWSW

Not used- contaminated

Well #3 WR 29-2469 55 34E 34 NWSW

3-4-1998 Brian Higgs measured 1,627 GPM

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Well # 4 29-7624 65 34E 4 SE SW

No data provided

Well # 5 29-8188 (post-AJ) 65 34E 10 SW SW

3-4-1998 Brian Higgs measured 2,538 gpm

Total Capacity (current)

Well # 1	300 GPM
Well # 2	0 GPM
Well # 3	1,627 GPM
Well # 4	2,225 GPM per license exam
Well # 5	2,538 GPM
	6,690 Total $\approx$ 8.59 cfs

This is more than the sum of the licenses upon which claims are based, and indicates that current capacity still is adequate to recommend some or for beneficial use. To clarify and avoid an unauthorized enlargement, the ben use claim (if filed) & the four claimed licenses will need an appropriate combined use limitation

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Depending on when #2 went out of service, it may be appropriate to include #2 and exclude #5 from capacity analysis, to reflect 1987 capacity:

Well #1	300	6PM	
Well #2	673	6PM	(Ben use affidants)
Well #3	1,627	6PM	
Well #4	2,225	6PM	(license exam)
	4,825	6PM	10.75 g/s

licenses $\Sigma = 7.95$

1987 cap. $\Sigma = 10.75$

license +

Ben use @ 29-2413 ≈ 8.35

license +

Ben use @ 29-2413 ≈ 9.24 g/s
and 29-2469

Conclusion

Current & apparent 1987 Capacity justify recommendation of 0.40 g/s of ben use from exam 29-2413, and 0.89 g/s of ben use (if pre-March-1963 documentation is produced) from exam 29-2469.

Dave A. Conton