Sprin	lowing		Flowing	Pumner	d or unknov		ociated wit			(pumped or	Specif	ic capacity	FI	ow test	Constan	it rate test	Reco	overv	Observati	ion well	Drill stem or other oil/gas exploration and development	Unspecified/other	All tests	Wells associated		Storativity/st coefficie	nt W	Vells associated		All other		Wells associate			
nic	Range	•	Range	rumpe	Range	explorati		Range	flov	Range		Range				Range		Ranne			field test	•	Ranga	exploration and d	Ranne	R	ange	exploration and d	-		Range	exploration and	nd development Range		Sources
Count	(median (gal/min		(median) (gal/min)	Count	(media (gal/mi	n) Count n)		nedian) al/min)	Count	(median) (gal/min)	Count	(median) [(gal/min)/ft]	Count	Range (ft²/day)	Count	(ft²/day)	Count	(ft²/day)	Count	Range (ft²/day)	Count (ft²/day) Cenozoic hydrogeologic units	Count Range (ft²/day)	Count (ft²/day)	Count	(ft/day)		itless)	Count	Range (md)	Count	(md)	Count	(percent)		
		1	2	109	1-1,00	0			110	1–1,000	59	0.11–62					1	1,300			Quaternary alluvial aquifers	13 28.1–10,700	14 28.1–10,700							7 77	70–60,000			1, 30, 52, 62–64, 74	
			_		1–1,00 (15)					1–1,000 (15)		(3.0)						1,500			Quaternary terrace-deposit aquif		2012 10,700							, , , ,				.,50,02,02	
1	320			10	4.1–25	5			10	4.1–25 (12.5)	5	1–20 (3.1)										2 938; 2,410												1, 30, 52, 74	
				2	2.75; 5	5			2	2.75; 5											Quaternary dune sand (eolian) dep Quaternary landslide deposits	osits												1, 8	
1	50																				Quaternary glacial deposits													30	
1	395																				Arikaree aquifer													1, 63	
		2	1; 150	156	0.3-2,00 (500)				158	0.3–2,000 (500)	78	0.13–230 (8.2)			3	80–8,890	4	56–17,800	2	3,300; 15,900		6 1,070–11,300	15 56–17,800	2	1.2; 1.3	3 0.00	1-0.006			4 1,6	600–17,000			1, 3, 12, 40, 54, 62, 73	
				10	3–6				10	3–6	7	0.03–3 (0.17)									White River hydrogeologic unit													1, 62	
1	5	2	1.25; 1.25	4	5–20				6	1.25–20	1	3.3									Wind River aquifer													1, 16	
			1.2, 1.2		(6.5)				Ţ	(5)											Wasatch aquifer													,	
9	0.06–12	2 95	0.25-80 (3)	453	0.1–1,4				548	0.1–1,470 (7)	290	0.004–350 (0.19)			1	10.7	4	5.4–295	1	8.7		1 (0.7	6 5.4–295				00006			1	260			1, 17, 21, 28–30, 52, 59, 63	3, 74
Pers				4	3–15 (1	1)			4	3–15 (11)	3	0.11–0.28 (0.17)									Fort Union aquifer	1 69.7	1 69.7			1 (0.02			1	360			1, 30	
5	4–200		0.25–60 (5.75)	432	0.5–1,50				592	0.25–1,500 (10)	230	0.003–2,200 (0.39)			32	12.7–1,330	38	1.3–474	10	73.7–470	, or on a quito	10 4.02–236	90 1.3–1,330	2	0.37; 0.39	18 0.0000	01-0.008			7	27–430			1–2, 13, 17–23, 28–30, 32	, 35, 38, 43–45, 47–50, 52, 59, 62–65, 74
ers		3	0.71–5 (2)	12	(5)	1			15	0.5–111 (5)	2	0.004; 0.03																						30	
				1	15				1	15											Mesozoic hydrogeologic units													1	
1	5	4	1.2–5 (2.7)	190	0.75–30				194	0.75–300 (10)	54	0.01–1.8 (0.24)			4	16.2–40.2	3	13.5-80.4	1	17	Lance aquifer	7 22.8–281	15 13.5–281			2 0.000	01; 0.03			3 33	30–1,900			1, 17, 21, 30, 33, 52, 55, 57	7, 62–64, 74
			(=1,)	46	2–5,00				46	2–5,000	23	0.03-4.9					2	214; 324			Fox Hills aquifer	1 214	3 214–324							1	1,900			1, 4, 16, 21, 29, 33, 44, 62,	, 64
					(10)					(10)		(0.25)									Lewis confining unit														
				1	6				1												Pierre confining unit													30	
				7	2–60 (8)				7	2–60 (8)	4	0.14–1.3 (0.36)									Mesaverde aquifer													1, 62, 64	
		1	0.5	20	2–130	5	12	2.5–34 (24)	26	0.5–130 (11)	8	0.06–1.4 (0.17)									8* 0-47.8	1 201	9* 0–201					9*	0–230			5*	15–21	1, 15–17, 21, 30, 51–52, 63	3, 67–68, 74
		2	0.25; 6	13	1.5–15	5 2		1; 19	17	0.25–19	5	0.02-1.4 (0.1)									Cody confining unit 5 0.05–15.7		5 0.05–15.7					5	2–280			5	12–25	1, 15–17, 21, 51–52, 63, 68	8, 74
					(5)	0	1	0.40	0	(5)		(0.1)									Steele confining unit		7 0.9 205					7	11 220					51	
						8		20.8)	8	10–40 (20.8)											7 9.8–295 Frontier aquifer		7 9.8–295					/	11–330)1	
		25	0.08-5 (2)	18	0.28–1 (5)	6 2		lowing); umping)	45	0.08–16	5	0.02–0.64 (0.11)									15* 0.03–18.9		15* 0.03–18.9					9	0.5–520			10	12–21	1, 8, 15–16, 21, 30, 52, 63,	, 67, 74
1	3	2	0.25; 2	6	0.28–4				8	0.25–40											Mowry confining unit													1, 16, 28, 52	
		1	45	1				0.5	3	(-)											Muddy aquifer 13* 0.1–19.6		13* 0.1–19.6					18*	2.4–588			21*	2–22	1, 15–16, 21, 51–52, 67, 69	9–71. 74
					10	1			1	(10)													15 0.1 15.0						2.1 000					1	
				1	25				1	25											Newcastle aquifer 12* 0.01-8.3		12* 0.01-8.3					13*	<1–330			10	9.3–23	1, 15, 21, 62, 67	
				1	0.3				1	0.3											Skull Creek confining unit													1	
1	<1	2	0.18; 25	5	0.08–1	8 2		1; 19	9	0.08–25	3	0.02-0.15 (0.02)									7* 0.5–31	2 26.8; 37.5	9* 0.5–37.5					8*	14–410			7	11–18	1, 8, 15–16, 21, 30, 52, 67-	-68
1	5				(2)					(2)		(0.02)									Inyan Kara aquifer													1	
2	12; 104	4 47	0.2–150 (5)	60	1–300				107	0.2–300 (8)	25	0.01–3.1 (0.25)	2	29.5; 109	2	381; 1,510	1	208	1	441	8 4.8–29.2	5 38.1–2,120	19 4.8–2,120					9*	0–730	2 1	110; 770	8	14–24	1, 6, 14, 21, 53, 60, 62, 64,	, 66–67, 69, 71–72
1	31			3	3.5–6.2	2			3	3.5–6.2	2	0.2; 0.26									Morrison confining unit	2 21.4; 21.4	2 21.4; 21.4							2 2	220; 270			1, 64	
6	1–50 (6	5) 2	0.5–5 (2)		1.5–40 (12		0.5–40	2	0.02-0.06									Sundance aquifer 3 0.02–52.8		3 0.02-52.8					2	<1-440			2	12.21	1, 14–16, 21, 52, 64, 67–68	Q.
	1 30 (0		0.5 5 (2)		1.5 40 (13	(5)		(0.04)									Chugwater confining unit		3 0.02-32.0						1 440				12 21	1, 14 10, 21, 32, 04, 07 00	
2	5; 120)		1	8				1	8											Spearfish aquifer													1, 16, 52, 74	
1	1			12	2–10 (6)				12	2–10 (6)	3	0.26–0.61 (0.54)										2 20; 50	2 20; 50							2 3	330; 440			1, 64	
																				Pale	eozoic and Precambrian hydrogeolo	gic units													
		1	12	2	3; 25				3	3; 25 (12)											Minnekahta aquifer									1	240			1, 11	
		6	9–2,620	11	5–1,20		3	32; 54	19	5–2,620	2	0.33; 10									Tensleep aquifer 12* 0.003–255		12* 0.003–255					9*	0.01-700			8*	0.4–20	1, 15–17, 21, 24, 28, 34, 51	1–52, 63, 67–68, 74
		1	(125)		(22)				1	(33)																								16	
1	1	1	0.5						1	0.5											Amsden hydrogeologic unit									1	24			11, 34, 52	
1	15	13	5–375 (41)	32	1.5–30 (13.5)	1			45	1.5–375 (15)	19	0.1–38 (0.6)			1	1,620	2 1	,580–3,800	1	2,130	Minnelusa aquifer 6* 0.1–92		20* 0.1–3,800	2	6.5; 14	3 0.000	5-0.008	29*	0.5->1,000			30*	5.8–25	1, 11, 15, 21, 41–42, 61, 64	4, 67–68, 71
			(71)	1	104				1			(0.0)									Hartville aquifer													73	
2	200; 2.70	700 39			7.2–1,50	00 1		30		0.25-9,480	55	0.2–52	7	28.7–2,200	10	53.6–1,920	15	0.6–5,000			Madison aquifer 1 4.3	8 6.7–40,200	41 0.6–40,200	1	2.1	1 0.	0002			4 2.2	2–120,000				4–27, 31, 36–37, 39, 41, 44, 46, 51–52, 50
			(200)		(265)					(238)		(1.6)									Bighorn aquifer										·				
						1		28	1	28											1 5.1 Whitewood aquifer		1 5.1					1	5.5					51	
					4 ~ -				2	15.5-		0.55 0.=-									Flathead aquifer									1	35,000			1 11 20	
1	10	1	55	2	15; 20				3	15–55 (20)	2	0.57; 0.75									Precambrian basal confining un	it												1, 11, 30	
									1	12	1	12									undirection													1, 30, 63	

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