

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey
RECORD OF WELL

W12372

Location:

Town: Waterloo (NE) (SW) County Blackhawk

NW, SW, NW, NW, NW sec. 4 T. 88 N., R. 12 (W) Twp.

Well name and number

Owner ELK RUN HEIGHTS Address Waterloo (31)

Tenant TOWN WELL Address

Contractor Hoeg & Aves Address Lincoln, Ia.

Drillers Ken Kroeper

Drilling dates Aug. 15 - 19, 1960

Well data:

Altitudes: Drilling curb _____ feet; Land surface 861 feet

Determined by field ckd using 7 1/2' topo

Topographic position Upland

Total depth: Reported 125' feet; Measured _____ feet

Drilling method cable

Hole and casing data 25' of 15" casing

44' of 10" casing

71' of 8" casing (Bottom @ 69')

Original depth to water 33 above ft. below _____ Date _____

Source of data _____

Sources of water: Principal

69-125

Others

PRODUCTION DATA

Date

8/24/60

Static water level

33'

Pumping water level

44'

Yield (g.p.m.)

161 (G.P.M.)

Measuring point

Duration of pumping

Specific capacity

LABORATORY DATA

TL3-16

Well No. W12372

Sample range

0-125

No. of samples

25

No. of dupls. and cond.

25-900

Washed range

20-125

Samples prepared by

R. Rhoads

Date

8/30/60

Logged by

NORTHUP

Date

9/28/61

Correlations by

Date

9/25/61



MEMBER

Phone GR 3-2707

HOEG & AMES, Inc.

WELL CONTRACTORS

WELL SUPPLIES

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LINCOLN, IOWA

LOG OF WELL

IOWA GEOLOGICAL SURVEY

AUG 30 1960



TOWN OF ELK RUN HEIGHTS

Engineer - Schenk Engineering Co.

Driller - Kenneth Kroeger

Started well - August 15, 1960

Finished well - August 19, 1960

Total depth of well - 125 ft.

Drilled 12 in. hole 0-25 ft.

Drilled 10 in. hole 25-69 ft.

Set 71 ft. of 8 in. pipe - bottom at 69 ft.

Drilled 8 in. hole from 69 ft. to 125 ft.

Temporary 12 in. pipe pulled out and 5½ cubic yard of concrete was placed between 8 in. permanent pipe and 12 in. and 10 in. drill hole.

Static water level - 33 ft.

Water level pumping 154 gal. per min. 43 ft.

Formation:

Sand	0-20	Ft.
Brown broken limestone with mud seams	20-50	Ft.
Brown limestone	50-69	Ft.
Good brown and gray limestone	69-125	Ft.



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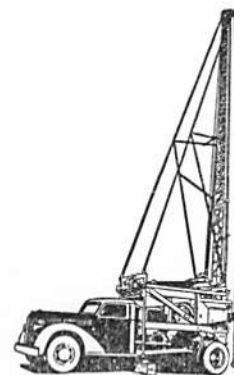
HOEG & AMES, Inc.

WELL CONTRACTORS

WELL SUPPLIES

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LINCOLN, IOWA

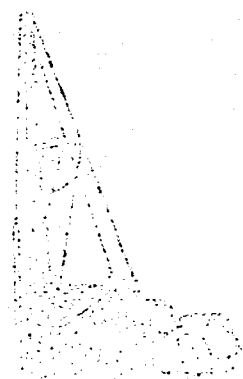


MUNICIPAL WATER WORKS PLANT

TOWN OF ELK RUN HEIGHTS, IOWA

RECORD OF PUMPING TEST - AUGUST 24, 1960

<u>TIME</u>		<u>WATER LEVEL</u>	<u>DRAWDOWN</u>	<u>GAL. PER MIN.</u>	<u>REMARKS</u>
8:20	A.M.	32.72			
8:21		39.55	6.83	112	
8:22		39.80	7.08		Water cloudy
8:23		39.94	7.22		
8:24		40	7.28		
8:25		40.10	7.38		
8:26		40.15	7.43		
8:27		40.24	7.52	112	
8:28		40.23	7.51		
8:29		40.23	7.51		
8:30		40.23	7.51		
8:32		40.26	7.54		
8:34		40.26	7.54		
8:36		40.28	7.56		
8:38		40.31	7.59		51 degrees water temperature
8:40		40.30	7.58		Pump R.P.M. 2223
8:45		40.30	7.58	126	
8:50		40.32	7.60		
8:55		40.32	7.60		
9:00		40.32	7.60		
9:15		40.40	7.68		
9:30		40.43	7.71		
9:45		40.45	7.73		
10:00		40.46	7.74	126	
10:15		40.50	7.78		
10:30		40.52	7.80		
10:45		40.58	7.86		
11:00		40.56	7.84	126	
11:15		40.60	7.88		



NO. 2741, 6 DEC 64

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

21059100 1.33

APR 19 1964



APR 20 1993



MEMBER

Phone GR 3-2707

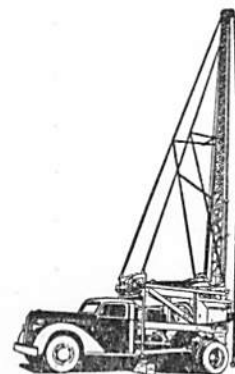
HOEG & AMES, Inc.

WELL CONTRACTORS

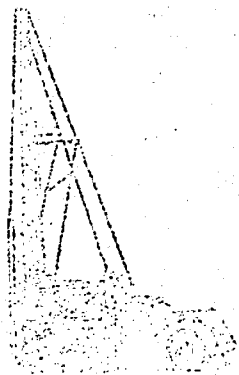
WELL SUPPLIES

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LINCOLN, IOWA



<u>TIME</u>	<u>WATER LEVEL</u>	<u>DRAWDOWN</u>	<u>GAL. PER MIN.</u>	<u>REMARKS</u>
11:30	40.61	7.89		
11:45	40.65	7.93		
12:00 P.M.	40.61	7.89		
12:15	40.62	7.90		
12:30	40.62	7.90		
12:45	40.65	7.93		
1:00	40.65	7.93		Water clear.
1:15	40.68	7.96		
1:30	40.69	7.97		
1:45	40.69	7.97		Collected water sample
1:47	43.10	10.38		Increased speed of pump
1:49	43.25	10.53	154	Water cloudy.
1:51	43.26	10.54		
1:53	43.23	10.51		
1:55	43.23	10.51		
1:57	43.23	10.51		
2:00	43.18	10.46		
2:05	43.18	10.46		
2:10	43.06	10.34		
2:15	43.10	10.38		
2:30	43.08	10.36		
3:00	43.18	10.46	161	
3:30	43.16	10.44		
4:00	43.18	10.46		
4:30	43.18	10.46		
5:00	43.23	10.51	154	Water clear.
5:20	43.24	10.52		Shut pump off at 5:20
5:24	34.00			
5:25	34.40			Record of Recovery.
5:26	34.37			
5:27	34.35			
5:28	34.30			
5:29	34.27			

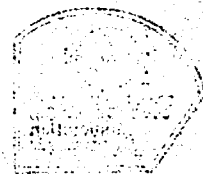


HONG & JAMES, INC.

WIRE ROPE

WIRE ROPE

LITTON, IOWA



Phone 67-2674

Description	Weight	Length	Price
1/4" x 1/4" x 1/4"	1.0	100	10.00
1/2" x 1/2" x 1/2"	4.0	100	40.00
3/4" x 3/4" x 3/4"	9.0	100	90.00
1" x 1" x 1"	16.0	100	160.00
1 1/4" x 1 1/4" x 1 1/4"	25.0	100	250.00
1 1/2" x 1 1/2" x 1 1/2"	36.0	100	360.00
2" x 2" x 2"	64.0	100	640.00
2 1/4" x 2 1/4" x 2 1/4"	90.0	100	900.00
2 1/2" x 2 1/2" x 2 1/2"	100.0	100	1000.00
3" x 3" x 3"	144.0	100	1440.00
3 1/4" x 3 1/4" x 3 1/4"	156.0	100	1560.00
3 1/2" x 3 1/2" x 3 1/2"	169.0	100	1690.00
4" x 4" x 4"	224.0	100	2240.00
4 1/4" x 4 1/4" x 4 1/4"	236.0	100	2360.00
4 1/2" x 4 1/2" x 4 1/2"	250.0	100	2500.00
5" x 5" x 5"	324.0	100	3240.00
5 1/4" x 5 1/4" x 5 1/4"	336.0	100	3360.00
5 1/2" x 5 1/2" x 5 1/2"	350.0	100	3500.00
6" x 6" x 6"	444.0	100	4440.00
6 1/4" x 6 1/4" x 6 1/4"	456.0	100	4560.00
6 1/2" x 6 1/2" x 6 1/2"	470.0	100	4700.00
7" x 7" x 7"	576.0	100	5760.00
7 1/4" x 7 1/4" x 7 1/4"	588.0	100	5880.00
7 1/2" x 7 1/2" x 7 1/2"	600.0	100	6000.00
8" x 8" x 8"	704.0	100	7040.00
8 1/4" x 8 1/4" x 8 1/4"	716.0	100	7160.00
8 1/2" x 8 1/2" x 8 1/2"	730.0	100	7300.00
9" x 9" x 9"	844.0	100	8440.00
9 1/4" x 9 1/4" x 9 1/4"	856.0	100	8560.00
9 1/2" x 9 1/2" x 9 1/2"	870.0	100	8700.00
10" x 10" x 10"	984.0	100	9840.00
10 1/4" x 10 1/4" x 10 1/4"	996.0	100	9960.00
10 1/2" x 10 1/2" x 10 1/2"	1010.0	100	10100.00
11" x 11" x 11"	1124.0	100	11240.00
11 1/4" x 11 1/4" x 11 1/4"	1136.0	100	11360.00
11 1/2" x 11 1/2" x 11 1/2"	1150.0	100	11500.00
12" x 12" x 12"	1264.0	100	12640.00
12 1/4" x 12 1/4" x 12 1/4"	1276.0	100	12760.00
12 1/2" x 12 1/2" x 12 1/2"	1290.0	100	12900.00
13" x 13" x 13"	1404.0	100	14040.00
13 1/4" x 13 1/4" x 13 1/4"	1416.0	100	14160.00
13 1/2" x 13 1/2" x 13 1/2"	1430.0	100	14300.00
14" x 14" x 14"	1544.0	100	15440.00
14 1/4" x 14 1/4" x 14 1/4"	1556.0	100	15560.00
14 1/2" x 14 1/2" x 14 1/2"	1570.0	100	15700.00
15" x 15" x 15"	1684.0	100	16840.00
15 1/4" x 15 1/4" x 15 1/4"	1696.0	100	16960.00
15 1/2" x 15 1/2" x 15 1/2"	1710.0	100	17100.00
16" x 16" x 16"	1824.0	100	18240.00
16 1/4" x 16 1/4" x 16 1/4"	1836.0	100	18360.00
16 1/2" x 16 1/2" x 16 1/2"	1850.0	100	18500.00
17" x 17" x 17"	1964.0	100	19640.00
17 1/4" x 17 1/4" x 17 1/4"	1976.0	100	19760.00
17 1/2" x 17 1/2" x 17 1/2"	1990.0	100	19900.00
18" x 18" x 18"	2104.0	100	21040.00
18 1/4" x 18 1/4" x 18 1/4"	2116.0	100	21160.00
18 1/2" x 18 1/2" x 18 1/2"	2130.0	100	21300.00
19" x 19" x 19"	2244.0	100	22440.00
19 1/4" x 19 1/4" x 19 1/4"	2256.0	100	22560.00
19 1/2" x 19 1/2" x 19 1/2"	2270.0	100	22700.00
20" x 20" x 20"	2384.0	100	23840.00
20 1/4" x 20 1/4" x 20 1/4"	2396.0	100	23960.00
20 1/2" x 20 1/2" x 20 1/2"	2410.0	100	24100.00
21" x 21" x 21"	2524.0	100	25240.00
21 1/4" x 21 1/4" x 21 1/4"	2536.0	100	25360.00
21 1/2" x 21 1/2" x 21 1/2"	2550.0	100	25500.00
22" x 22" x 22"	2664.0	100	26640.00
22 1/4" x 22 1/4" x 22 1/4"	2676.0	100	26760.00
22 1/2" x 22 1/2" x 22 1/2"	2690.0	100	26900.00
23" x 23" x 23"	2804.0	100	28040.00
23 1/4" x 23 1/4" x 23 1/4"	2816.0	100	28160.00
23 1/2" x 23 1/2" x 23 1/2"	2830.0	100	28300.00
24" x 24" x 24"	2944.0	100	29440.00
24 1/4" x 24 1/4" x 24 1/4"	2956.0	100	29560.00
24 1/2" x 24 1/2" x 24 1/2"	2970.0	100	29700.00
25" x 25" x 25"	3084.0	100	30840.00
25 1/4" x 25 1/4" x 25 1/4"	3096.0	100	30960.00
25 1/2" x 25 1/2" x 25 1/2"	3110.0	100	31100.00
26" x 26" x 26"	3224.0	100	32240.00
26 1/4" x 26 1/4" x 26 1/4"	3236.0	100	32360.00
26 1/2" x 26 1/2" x 26 1/2"	3250.0	100	32500.00
27" x 27" x 27"	3364.0	100	33640.00
27 1/4" x 27 1/4" x 27 1/4"	3376.0	100	33760.00
27 1/2" x 27 1/2" x 27 1/2"	3390.0	100	33900.00
28" x 28" x 28"	3504.0	100	35040.00
28 1/4" x 28 1/4" x 28 1/4"	3516.0	100	35160.00
28 1/2" x 28 1/2" x 28 1/2"	3530.0	100	35300.00
29" x 29" x 29"	3644.0	100	36440.00
29 1/4" x 29 1/4" x 29 1/4"	3656.0	100	36560.00
29 1/2" x 29 1/2" x 29 1/2"	3670.0	100	36700.00
30" x 30" x 30"	3784.0	100	37840.00
30 1/4" x 30 1/4" x 30 1/4"	3796.0	100	37960.00
30 1/2" x 30 1/2" x 30 1/2"	3810.0	100	38100.00
31" x 31" x 31"	3924.0	100	39240.00
31 1/4" x 31 1/4" x 31 1/4"	3936.0	100	39360.00
31 1/2" x 31 1/2" x 31 1/2"	3950.0	100	39500.00
32" x 32" x 32"	4064.0	100	40640.00
32 1/4" x 32 1/4" x 32 1/4"	4076.0	100	40760.00
32 1/2" x 32 1/2" x 32 1/2"	4090.0	100	40900.00
33" x 33" x 33"	4204.0	100	42040.00
33 1/4" x 33 1/4" x 33 1/4"	4216.0	100	42160.00
33 1/2" x 33 1/2" x 33 1/2"	4230.0	100	42300.00
34" x 34" x 34"	4344.0	100	43440.00
34 1/4" x 34 1/4" x 34 1/4"	4356.0	100	43560.00
34 1/2" x 34 1/2" x 34 1/2"	4370.0	100	43700.00
35" x 35" x 35"	4484.0	100	44840.00
35 1/4" x 35 1/4" x 35 1/4"	4496.0	100	44960.00
35 1/2" x 35 1/2" x 35 1/2"	4510.0	100	45100.00
36" x 36" x 36"	4624.0	100	46240.00
36 1/4" x 36 1/4" x 36 1/4"	4636.0	100	46360.00
36 1/2" x 36 1/2" x 36 1/2"	4650.0	100	46500.00
37" x 37" x 37"	4764.0	100	47640.00
37 1/4" x 37 1/4" x 37 1/4"	4776.0	100	47760.00
37 1/2" x 37 1/2" x 37 1/2"	4790.0	100	47900.00
38" x 38" x 38"	4904.0	100	49040.00
38 1/4" x 38 1/4" x 38 1/4"	4916.0	100	49160.00
38 1/2" x 38 1/2" x 38 1/2"	4930.0	100	49300.00
39" x 39" x 39"	5044.0	100	50440.00
39 1/4" x 39 1/4" x 39 1/4"	5056.0	100	50560.00
39 1/2" x 39 1/2" x 39 1/2"	5070.0	100	50700.00
40" x 40" x 40"	5184.0	100	51840.00
40 1/4" x 40 1/4" x 40 1/4"	5196.0	100	51960.00
40 1/2" x 40 1/2" x 40 1/2"	5210.0	100	52100.00
41" x 41" x 41"	5324.0	100	53240.00
41 1/4" x 41 1/4" x 41 1/4"	5336.0	100	53360.00
41 1/2" x 41 1/2" x 41 1/2"	5350.0	100	53500.00
42" x 42" x 42"	5464.0	100	54640.00
42 1/4" x 42 1/4" x 42 1/4"	5476.0	100	54760.00
42 1/2" x 42 1/2" x 42 1/2"	5490.0	100	54900.00
43" x 43" x 43"	5604.0	100	56040.00
43 1/4" x 43 1/4" x 43 1/4"	5616.0	100	56160.00
43 1/2" x 43 1/2" x 43 1/2"	5630.0	100	56300.00
44" x 44" x 44"	5744.0	100	57440.00
44 1/4" x 44 1/4" x 44 1/4"	5756.0	100	57560.00
44 1/2" x 44 1/2" x 44 1/2"	5770.0	100	57700.00
45" x 45" x 45"	5884.0	100	58840.00
45 1/4" x 45 1/4" x 45 1/4"	5896.0	100	58960.00
45 1/2" x 45 1/2" x 45 1/2"	5910.0	100	59100.00
46" x 46" x 46"	6024.0	100	60240.00
46 1/4" x 46 1/4" x 46 1/4"	6036.0	100	60360.00
46 1/2" x 46 1/2" x 46 1/2"	6050.0	100	60500.00
47" x 47" x 47"	6164.0	100	61640.00
47 1/4" x 47 1/4" x 47 1/4"	6176.0	100	61760.00
47 1/2" x 47 1/2" x 47 1/2"	6190.0	100	61900.00
48" x 48" x 48"	6304.0	100	63040.00
48 1/4" x 48 1/4" x 48 1/4"	6316.0	100	63160.00
48 1/2" x 48 1/2" x 48 1/2"	6330.0	100	63300.00
49" x 49" x 49"	6444.0	100	64440.00
49 1/4" x 49 1/4" x 49 1/4"	6456.0	100	64560.00
49 1/2" x 49 1/2" x 49 1/2"	6470.0	100	64700.00
50" x 50" x 50"	6584.0	100	65840.00
50 1/4" x 50 1/4" x 50 1/4"	6596.0	100	65960.00
50 1/2" x 50 1/2" x 50 1/2"	6610.0	100	66100.00
51" x 51" x 51"	6724.0	100	67240.00
51 1/4" x 51 1/4" x 51 1/4"	6736.0	100	67360.00
51 1/2" x 51 1/2" x 51 1/2"	6750.0	100	67500.00
52" x 52" x 52"	6864.0	100	68640.00
52 1/4" x 52 1/4" x 52 1/4"	6876.0	100	68760.00
52 1/2" x 52 1/2" x 52 1/2"	6890.0	100	68900.00
53" x 53" x 53"	7004.0	100	70040.00
53 1/4" x 53 1/4" x 53 1/4"	7016.0	100	70160.00
53 1/2" x 53 1/2" x 53 1/2"	7030.0	100	70300.00
54" x 54" x 54"	7144.0	100	71440.00
54 1/4" x 54 1/4" x 54 1/4"	7156.0	100	71560.00
54 1/2" x 54 1/2" x 54 1/2"	7170.0	100	71700.00
55" x 55" x 55"	7284.0	100	72840.00
55 1/4" x 55 1/4" x 55 1/4"	7296.0	100	72960.00
55 1/2" x 55 1/2" x 55 1/2"	7310.0	100	73100.00
56" x 56" x 56"	7424.0	100	74240.00
56 1/4" x 56 1/4" x 56 1/4"	7436.0	100	74360.00
56 1/2" x 56 1/2" x 56 1/2"	7450.0	100	74500.00
57" x 57" x 57"	7564.0	100	75640.00
57 1/4" x 57 1/4" x 57 1/4"	7576.0	100	75760.00
57 1/2" x 57 1/2" x 57 1/2"	7590.0	100	75900.00
58" x 58" x 58"	7704.0	100	77040.00
58 1/4" x 58 1/4" x 58 1/4"	7716.0	100	77160.00
58 1/2" x 58 1/2" x 58 1/2"	7730.0	100	77300.00
59" x 59" x 59"	7844.0	100	78440.00
59 1/4" x 59 1/4" x 59 1/4"	7856.0	100	78560.00
59 1/2" x 59 1/2" x 59 1/2"	7870.0	100	78700.00
60" x 60" x 60"	7984.0	100	79840.00
60 1/4" x 60 1/4" x 60 1/4"	7996.0	100	79960.00
60 1/2" x 60 1/2" x 60 1/2"	8010.0	100	80100.00
61" x 61" x 61"	8124.0	100	81240.00
61 1/4" x 61 1/4" x 61 1/4"	8136.0	100	81360.00
61 1/2" x 61 1/2" x 61 1/2"	8150.0	100	81500.00
62" x 62" x 62"	8264.0	100	82640.00
62 1/4" x 62 1/4" x 62 1/4"	8276.0	100	82760.00
62 1/2" x 62 1/2" x 62 1/2"	8290.0	100	82900.00
63" x 63" x 63"	8404.0	100	84040.00
63 1/4" x 63 1/4" x 63 1/4"	8416.0	100	84160.00
63 1/2" x 63 1/2" x 63 1/2"	8430.0	100	84300.00
64" x 64" x 64"	8544.0	100	85440.00
64 1/4" x 64 1/4" x 64 1/4"	8556.0	100	85560.00
64 1/2" x 64 1/2" x 64 1/2"	8570.0	100	85700.00
65" x 65" x 65"	8684.0	100	86840.00
65 1/4" x 65 1/4" x 65 1/4"	8696.0	100	86960.00
65 1/2" x 65 1/2" x 65 1/2"	8710.0	100	87100.00
66" x 66" x 66"	8824.0	100	88240.00