

DEPARTMENT OF WATER RESOURCES
FIELD REPORT

MAR 25 1977

1. Name of permit holder Franko Farms, Inc.
 Post office address Box 323, Rexburg, ID 83440 Department of Water Resources
Eastern District Office
 Person to contact Bert Webster, Vice Pres. Phone _____

2. Source of water supply: Groundwater ☒ Surface water ☐ _____
 (name spring, stream, etc.)
 Tributary to _____

3. Water will be used for the following purposes:

Amount 20.18 c.f.s. for Irrigation
 _____ AF/Annum (nature of use)

Period of Use: from Apr. 1 to Nov. 1
 (mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____
 _____ AF/Annum (nature of use)

Period of Use: from _____ to _____
 (mo.-day) inclusive (mo.-day)

Amount _____ c.f.s. for _____
 _____ AF/Annum (nature of use)

Period of Use: from _____ to _____
 (mo.-day) inclusive (mo.-day)

Other uses: _____

Permit No. 22-7071 AMENDED
 Examination for b/u

4. Total amount to be appropriated:

Max Rate of Diversion 20.18 cubic feet per second and annual volume _____ AF/Annum.

5. Location of Point(s) of Diversion:

Township 5N N/S, Range 40E E/W, B.M., Section 24, Subdivision NW 1/4 NW 1/4 Madison
 Township " N/S, Range 41E E/W, B.M., Section 19, Subdivision NE 1/4 NW 1/4 County
 Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ County
 Township _____ N/S, Range _____ E/W, B.M., Section _____, Subdivision _____ County

Other Points of Diversions: _____

Description of diverting works: 600 hp pump 9-14R at 680', 600 hp L&B motor, 476', 20" casing
100 feet, 18" casing

Measuring device required: yes ☒ no ☐

6. Lands to be irrigated or place of use.

TWP.	RANGE	SEC.	NE 1/4				NW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
5N	40E	13	30	40	40	40					40	35	40		265
		14	X	X	X	X			X	X	X	X	X	X	295
		23													
		24									40	40	40	40	160
5N	41E	17								38	35				73
		18						35	35	35	35				140
		20					38	38							76
		19											X	X	

30 40 40

TOTAL ACREAGE 1009

110

299

150

← Not Lic

Huge DIFF. from Lic.

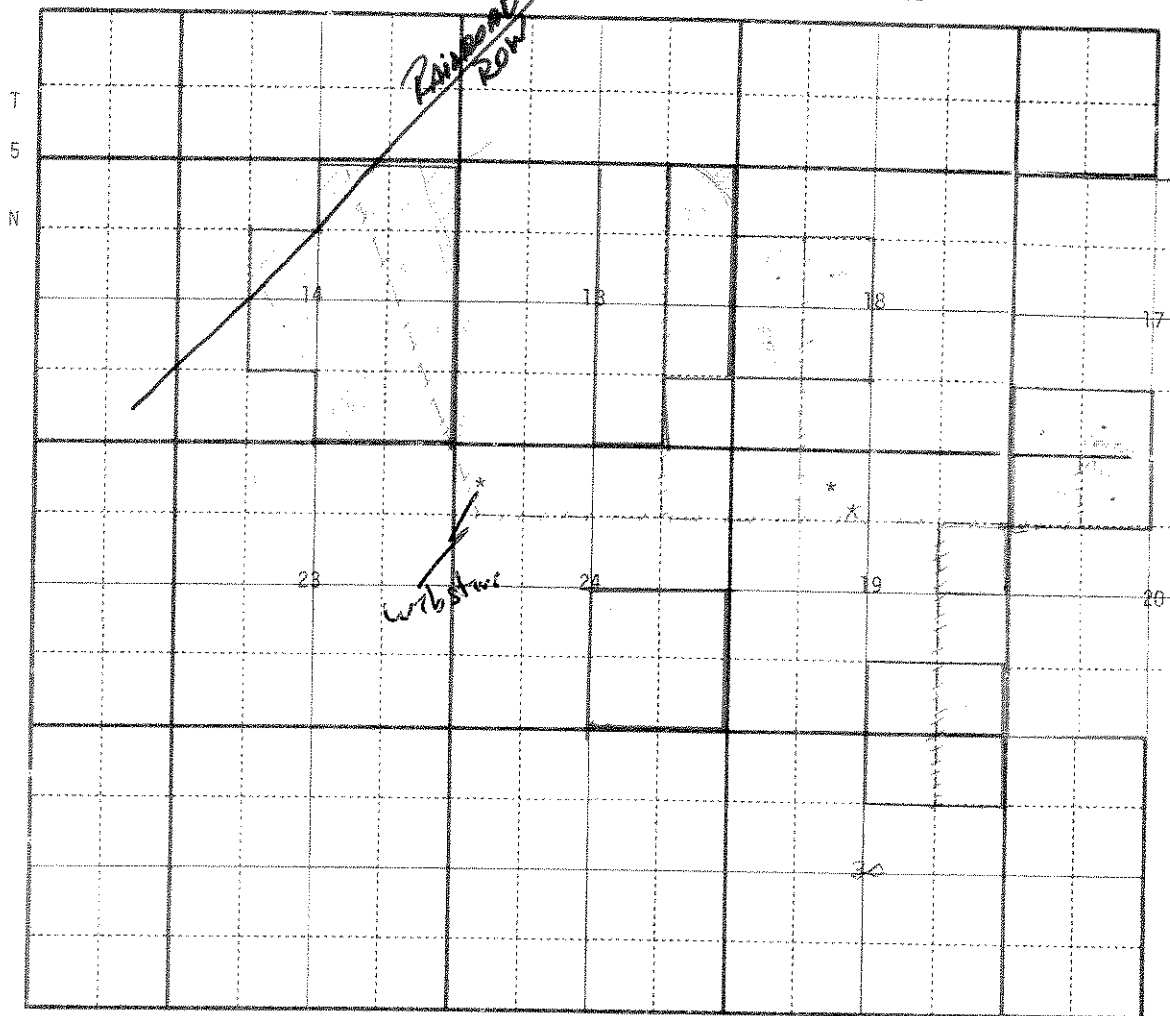
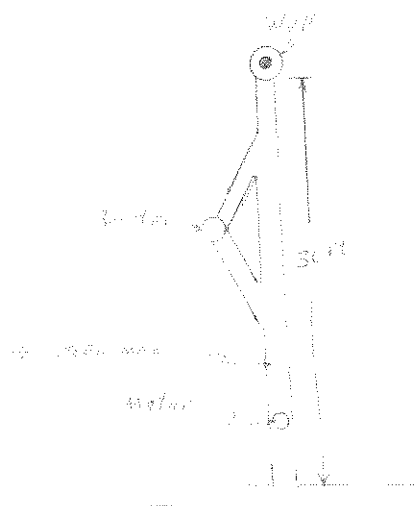
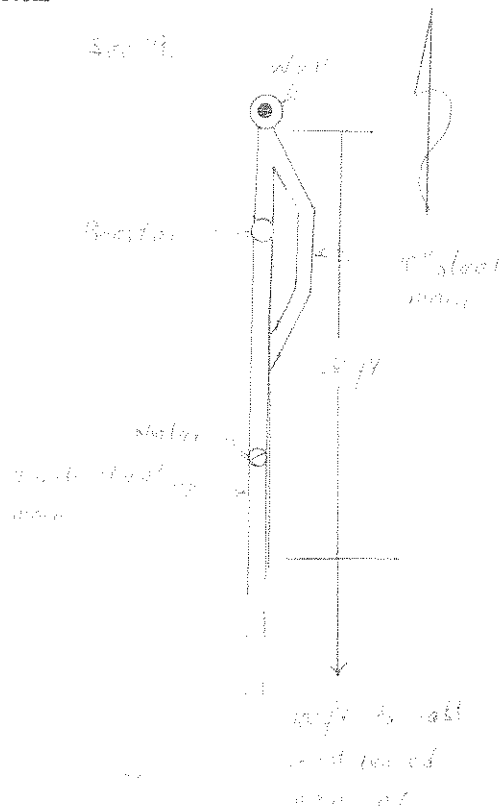


Diagram of System



500

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



DATE OF EXAM 9/17/66

ACREAGE

Found

Recommended

879 ac

879 ac

Irrigation Requirement

3.5

Ac Ft/Ac

USE

Irrigation Q = 13.35 c.f.s.

V = 3076.6

AF/Ann. from April 1 to Nov. 1

Domestic Q = _____ c.f.s.

V = _____

AF/Ann. from _____ to _____

Livestock Q = _____ c.f.s.

V = _____

AF/Ann. from _____ to _____

Is water co-mingled? yes _____ no X

Name source: N/A

twp. _____

N/S, Rge. _____

E/W, B.M., Sec. _____

Sub. _____

1/4 _____

1/4 _____

County _____

Exchange? yes _____ no X

Name source exchanged with: N/A

twp. _____

N/S, Rge. _____

E/W, B.M., Sec. _____

Sub. _____

1/4 _____

1/4 _____

County _____

Point of injection: N/A

twp. _____

N/S, Rge. _____

E/W, B.M., Sec. _____

Sub. _____

1/4 _____

1/4 _____

County _____

Point of exchange: N/A

twp. _____

N/S, Rge. _____

E/W, B.M., Sec. _____

Sub. _____

1/4 _____

1/4 _____

County _____

Total Q measured 13.35

Method of measurement IN LINE METER

Total Q recommended 13.35

Meter No. 73-16-138
10-12-2074

Type MC Condition STD

Total V recommended 3076.5 AF/ann.

Recommended Amendments:

P.D. _____

Place of Use _____

Other _____

None _____

MEASUREMENT CALCULATION:

Sec 24 - Direct reading 2600 gpm, Timed reading = 101 AF / 73.5 sec = 5.87 cfs
Sec 19 - Direct reading 3300 gpm, Timed reading = 111 AF / 59.3 sec = 7.58 cfs

$V = 3.5 \times 879 = 3076.5$ $13.35 \times 215 \times 1.9835 = 5693.14$ AF/yr 9/19-77

SYSTEM DESCRIPTION:

Sec 24 - 500 HP. G.E. Motor no I.D. plate w/ Layne & Bowler pump serial #300726;
200 HP G.E. Booster motor 3 phase, serial number 555726108 w/ Layne &
Bowler pump serial #300729.

Sec 19 - 700 HP - Westing house 3 phase motor serial #15-75 w/ Layne & Bowler pump
serial # D12214; 200 HP. G.E. 3 phase motor, serial #BAT-17190 w/ Layne &
Bowler pump serial #D12215. Pumps supply water for 20 1/4 mile hand lines w/

REMARKS: 1/4" nozzles & one 4" center pivot. Winch on 12 G.V. 105 serial #540.

System described by Bart Webster - no photo coverage available

Well in Sec 19 also described by L#22-2247.

No measuring device on well in Sec 19. - Meter installed 7/13/77.

Examiner's Signature

Ernest M. Carlson

Date

9-19-77

Checked by

Anthony R. Kozhowski

Date

9/22/77

Approved by

Date