

A3

WATER RIGHT NO. 35-08691

Priority: February 2, 1989 **Maximum Diversion Rate:** 1.60 CFS
Maximum Diversion Volume: 320.0 AF

This is to certify, that DAVID STOLWORTHY
 BRENDA STOLWORTHY

1320 N 375 E
 SHELLEY ID 83427

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 2, 1989; and has submitted Proof of Beneficial Use on March 4, 1991. An examination indicates that the works have a diversion capacity of 5.540 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 10/31	1.60 CFS	320.0 AF

LOCATION OF POINT(S) OF DIVERSION: SWNWSE , Sec. 21, Township 01N, Range 36E
 BINGHAM County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
01N	36E	21	SWSE 2	Lot 4 (SESE) 8		10
		28	Lot 1 (NENE) 38	NWNE 14	Lot 2 (SENE) 9	70
			Lot 3 (NESE) 9			
Total number of acres irrigated:						80

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license shall be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.

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SEP 14 2005

WATER RIGHT NO. 35-08691

CONDITIONS OF APPROVAL AND REMARKS

6. The Director retains jurisdiction of the right to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
7. This right when combined with Rights 35-07000F and 35-07419 shall provide no more than .02 cfs per acre nor more than 4.0 afa for the lands above.
8. The following rights are also diverted through the point of diversion described above: 35-07000F and 35-07419.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this _____ day of _____, 19____.

KARL J. DREHER, Director

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SEP 14 2005

PROFILED

Ident. No. 35-08691

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: DAVID STOLWORTHY
Address: 1320 N. 375 E. 208-357-7085
SHELLEY, ID 83427
OR
Name: BRENDA STOLWORTHY
Address: 1320 N. 375 E. 208-357-7085
SHELLEY, ID 83427

2. Source: GROUNDWATER Trib. to:

3. Location of point of diversion:

Township	Range	Section	1/4 of 1/4 of 1/4	Lot	County
01N	36E	21	SW NW SE		BINGHAM

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AFA
IRRIGATION	04/01	11/01	1.600		

5. Total quantity appropriated is:
1.600 CFS (and/or)

AFA

6. Proposed diverting works:

- Description of ditches, flumes, pumps, headgates, etc.
EXISTING 200' WELL WITH MAINLINE INTO HANDLINE SPRINKLER SYSTEM
- Height of storage dam feet; active reservoir capacity
acre-feet; total reservoir capacity acre-feet; period of
year when water will be diverted to storage: to inclusive.
- Proposed well diameter is 20 inches; proposed depth of well is 200
feet.
- Is groundwater with a temperature greater than 90F being sought? NO

7. Time required for the completion of the works and application of
the water to the proposed beneficial use is 1 years.

DO NOT FILM

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SEP 14 2003

Ident. No. 35-08691
Page 2

8. Description of proposed uses:
IRRIGATION OF NEW GROUND FROM AN EXISTING SYSTEM

9. Description of place of use:

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
01N	36E	21	SW SE		IRR	2.0
			SE SE		IRR	12.0
			Total Section Acres			14.0
		28	NE NE		IRR	37.0
			NW NE		IRR	9.0
			SE NE		IRR	7.0
			NE SE		IRR	10.0
			SE SE		IRR	3.0
			Total Section Acres			66.0
			Total Acres			80.0

10. Describe any other water rights used for the same purposes.
35-07000B, 07368B, & 07419 FROM SAME WELL.

11. a. Who owns the property at the point of diversion?

APPLICANT

b. Who owns the land to be irrigated or place of use?

APPLICANT

c. If the property is owned by a person other than the applicant,
describe the arrangement enabling the applicant to make this filing.

12. Remarks:

WILL USE EXISTING WELL TO SERVE THIS NEW GROUND.

13. Map of proposed point of diversion and place of use attached? [X]

BE IT KNOWN that the undersigned hereby makes application for permit to
appropriate the public waters of the State of Idaho as herein set forth.

Paul E. Hutter
Applicant

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SEP 14 2005

WATER RIGHT LICENSE

WATER RIGHT NO. 35-08691

Priority: February 2, 1989

Maximum Diversion Rate:
Maximum Diversion Volume:

1.60 CFS
320.0 LF

This is to certify, that DAVID STOLWORTHY
BRENDA STOLWORTHY

1320 N 375 E
SHELLEY ID 83427

1320 N 375 E
SHELLEY ID 83427 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated February 2, 1989; and has submitted Proof of Beneficial Use on March 4, 1991. An examination indicates that the works have a diversion capacity of 5.540 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

BENEFICIAL USE

PERIOD OF USE

RATE OF DIVERSION

ANNUAL VOLUME

IRRIGATION

04/01 to 10/31

1.60 CFS

320.0 AF

LOCATION OF POINT(S) OF DIVERSION:

SWNWSE , Sec. 21, Township 01N, Range 36E
BINGHAM County

PLACE OF USE: IRRIGATION

TWN RGE SEC

1992-1993

ACRES

ACRES

ACRES

TOTAL

01N 36E 21

21

SWSE 2

2

Lot 4 (SESE) 8

) 8

Lot 2 (SENE) 9

10

28

Lot 1 (NENE) 38

NWNE 14

Lot 2 (SENE) 9

22

Lot 3 (NESE) 9

Total number of acres irrigated:

80

CONDITIONS/REMARKS:

- CTIONS/REMARKS:
1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount that can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
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 6. The Director retains jurisdiction of the right to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.

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State of Idaho
Department of Water Resources**WATER RIGHT LICENSE**

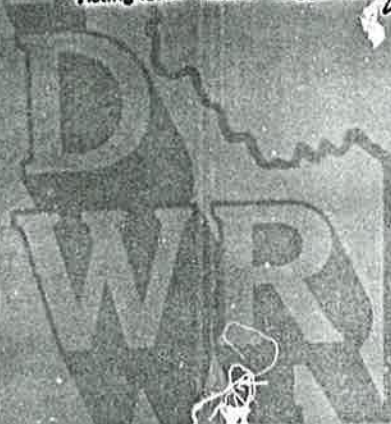
WATER RIGHT NO. 35-08691

CONDITIONS/REMARKS:

7. This right when combined with Rights 35-07000F and 35-07419 shall provide no more than .02 cfs per acre nor more than 4.0 afa for the lands above.
8. The following rights are also diverted through the point of diversion described above: 35-07000F and 35-07419.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.
Witness the seal and signature of the Director, affixed at Boise, this 24th
day of MARCH, 1994.


Acting for R. Keith Higginson, Director



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SEP 14 2005

Form 219
6/86

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

DEC 02 1993

Department of Water Resources

A. GENERAL INFORMATION

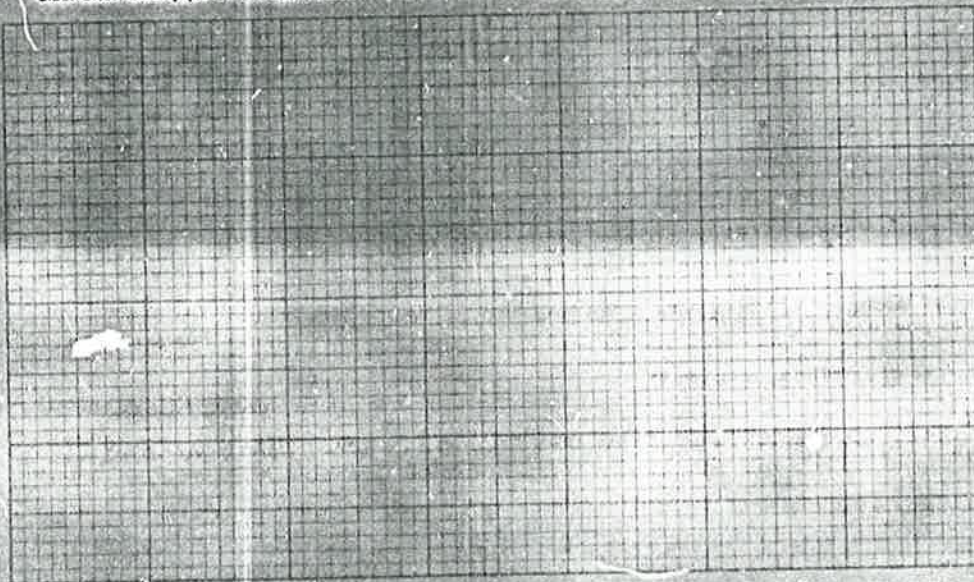
Permit No. 35-08691
Phone No. 357-7085
1. Owner: David & Brenda Stolworthy
Current Address: 1320W 375E Shelley Id 83427
2. Accompanied by: David Stolworthy EXAM. DATE: 07/10/91
Address: Same Phone No. Same
Relationship to Permit Holder: holder
3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NA, Lic. 35-2746 on
adjacent acreage ☐ Copies Attached
2. Other water rights with same point of diversion: 35-7000 & 35-7419
☐ Copies Attached ☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. Diversion System Diagram: Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☐ Alternative diagram attached



Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).
☐ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater).

- ☒ Aerial Photo Attached
(required for irrigation of 10 acres or more).

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System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

see 35-7000B for description of point of diversion and place of use for well #4

Well pump + booster pump to 1500' pivot (35-7000D) then mainline to 55 joint handline + 1/4 mile pivot for 1/4 circle on permit 35-08691.

SEE ANALYSIS PAGE "D" & "E" to see how 35-7000B & 35-7368B were split

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
#4	Westinghouse	200	7309	Lawrence & Bowler	10" discharge
Booster	Marathon	100	PA15091N-55	Cornell	68322 13

*Code to correspond with No. on map and aerial photo

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
#4		NW	SE		21	1N	36E	Bingham	

6. Place(s) of Use:

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 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	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
1N	36E	21														4	9		13
		28	33	15															49
																	1	4	
1N	36E	21														2	8		10
1N	36E	28	38	14			9									9			70
																			80

Total 62

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Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Cox Hall				120 385	10"	
Cox Hall				120 386	10"	

2. Measurements:

see (35-7000 ^F well #4) Attached Sheets
Page A; B

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method: Cox meter + manometer for total of 5.54 cfs
Limit Q = 1.60 cfs From page "C"

2. Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)
Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)
Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)
Meter Input HP: (6) x 1.34 = _____ (7)
Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)
Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 80ac \times 4.0af = 320afa$
 $V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days In Irrigation Season}) \times 1.9835 = 1.60 \times 214 \times 1.9835 = 679.2$
 $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 320afa$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

Of the total 5.54 cfs capacity, 2.15 cfs is used by 35-7000 D. This leaves 3.39 cfs for new appropriation. This project 35-68641 only has 62 new acres & will utilize 0.62 cfs/acre or 1.24 cfs.

SEE ATTACHED ANALYSIS PAGES "D" & "E" TO SEE HOW 35-7000B & 35-7368B WERE SPLIT

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4-1	10-31	1.24	248
IRRIGATION	4/1	11/1	1.60	320
Totals:			1.24 cfs 1.60 cfs	248 afa 320 afa

2. Recommended Amendments

- ☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

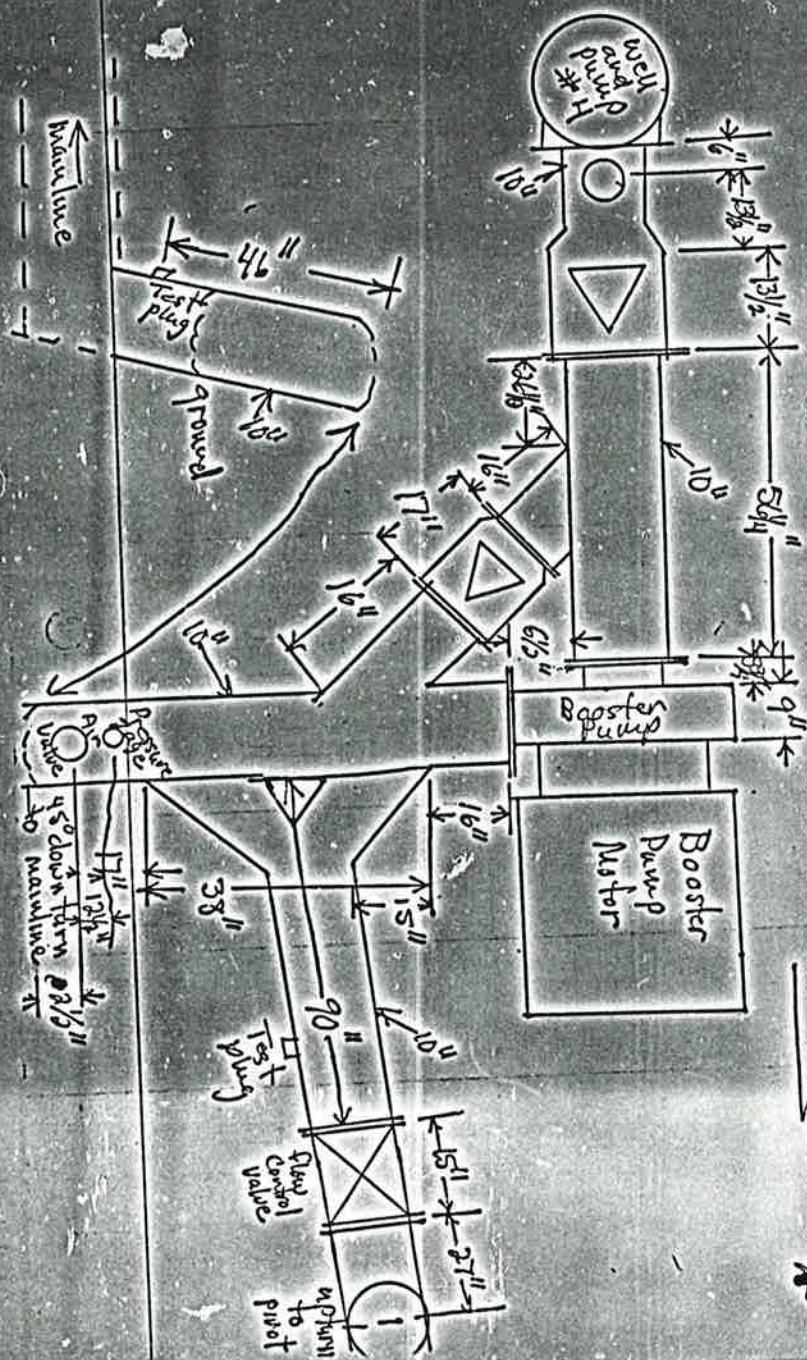
J. AUTHENTICATION

Field Examiner's Name Alan W. Paris
Signature _____
Certification Date _____
Field Report Preparation Date _____

CONSULTANT SEAL

K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

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SEP 14 2005



**SYSTEM
#4**

N

35-0869
~~35-70068~~
 SCANNED
 SEP 4 2005

MANOMETER READING INCHES OF WATER TO COX/HALLS METER - 7.5

35-08691
~~450-20080~~
PAGES:

COX/HALT
METER 120385

SYSTEM NAME/NUMBER

47

pivot

MEASURED INSIDE PIPE DIAMETER IN INCHES (ID)

Circumference in inches = 31 $\frac{1}{16}$ " cira 31.26

Thickness in Inches = $\frac{.125}{2}$

$$ID = (0.3183 \times CMA) - (2.7) = \frac{7-86}{ID}$$

DIFFERENTIAL PRESSURE READING IN INCHES OF H₂O

$$\frac{(33.80) - (26.20)}{7.60} =$$
$$\frac{(73.55) - (26.15)}{1} = \frac{47.40}{1}$$
$$(\underline{33.70}) - (\underline{26.05}) = \underline{7.65}$$

1997

$$\sqrt{33.68} - \sqrt{26.65} = \underline{\underline{1.02}}$$

High reading - Low Reading

INTERVIEWED BY FROM CHART USING (H): 12.1

(continued)

[illegible]

(U)

303

$$Q_{\text{eff}} = [0.78539 \left(\frac{1.0}{1.0} \right) + \frac{0.0}{1.0}]$$

7.1975

100

0.20

1990

1998

28/11/20

Press copy

10

5

20

$$A_1(A_1) \cup \dots \cup A_n(A_n)$$

MEASURED BY

A

3

TABLE 1

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, 2680, 26

1996

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1997

1990

100

100

Form 2/93

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
POINT OF DIVERSION OVERLAP REVIEW

35-8691
Permit Number

1. Analysis of Entire System, Current Application Rate per Acre (Q_c):
Limit to 0.02 cfs/ac, Permitted Amount, or System Capacity, Whichever is Less.

A. Total Number of Acres irrigated = 259 acres

B. Total Diversion Rate = 5.54 cfs

Q_c = Total Diversion rate [1.B]/Total irrigated acres [1.A]

= 5.54 / 259 = 0.02138 cfs/ac LIMIT TO 0.02 cfs/ac

2. Old Application Rate per Acre (Q_o) from Licensed Flow Rates:

License # 35-7419 @ 1.80 cfs / 179 ac

Permit License # 35-7000P @ 0.48 cfs / 179 ac

License # _____ @ _____ cfs / _____ ac

Q_o = Total Licensed Rate = 2.28 cfs / 179 ac = 0.012737 cfs/ac
(Old Diversion Rate(Q_o) = Licensed Flow Rate/# acres)

3. Comparison of Diversion Rates if:

A. Old Diversion Rate(Q_o) > New Diversion Rate(Q_c) : EXCLUDE Licensed Lands.

Q_o (#2) = _____ > Q_c (#1) = _____ GO TO ITEM #4A.

B. New Diversion Rate(Q_c) > Old Diversion Rate(Q_o) : INCLUDE Licensed Lands.

Q_c (#1) = 0.02 cfs/ac > Q_o (#2) = 0.012737 CONTINUE TO ITEM #3.B.1

1. Additional Flow Rate for Licensed Lands. NOT COVERED BY PERMIT

Q_a = (Q_c - Q_o) x (# Lic. Ac.) = ((0 cfs/ac) - (0 cfs/ac)) x (0 acres) = 0 cfs

2. Flow Rate for New Acreage. Total acres(#1.A) - Licensed acres(#3) = New Acres
(259 ac) - (179) = 80 acres

Q_n = (Q_c) x (# New Ac.) = (0.02 cfs/ac) x (80 ac) = 1.60 cfs

GO TO ITEM #4B.

4. Calculate Total Flow Rate to be licensed:

A. Flow Rate excluding licensed land. Total Acres(#1.A) - Lic. Acres(#2) = New Acres
(259 ac) - (179) = 80 ac

Q_t = Q_c (#1) x (# New Acres) = _____ cfs/ac x _____ ac = _____

Q_t = _____ cfs

CONDITIONS/REMARKS: _____

- B. Flow Rate including licensed land.

Q_t = Q_a (#3.B.1) + Q_n (#3.B.2) = 0 cfs + 1.60 cfs = 1.60 cfs

Q_t = 1.60 cfs

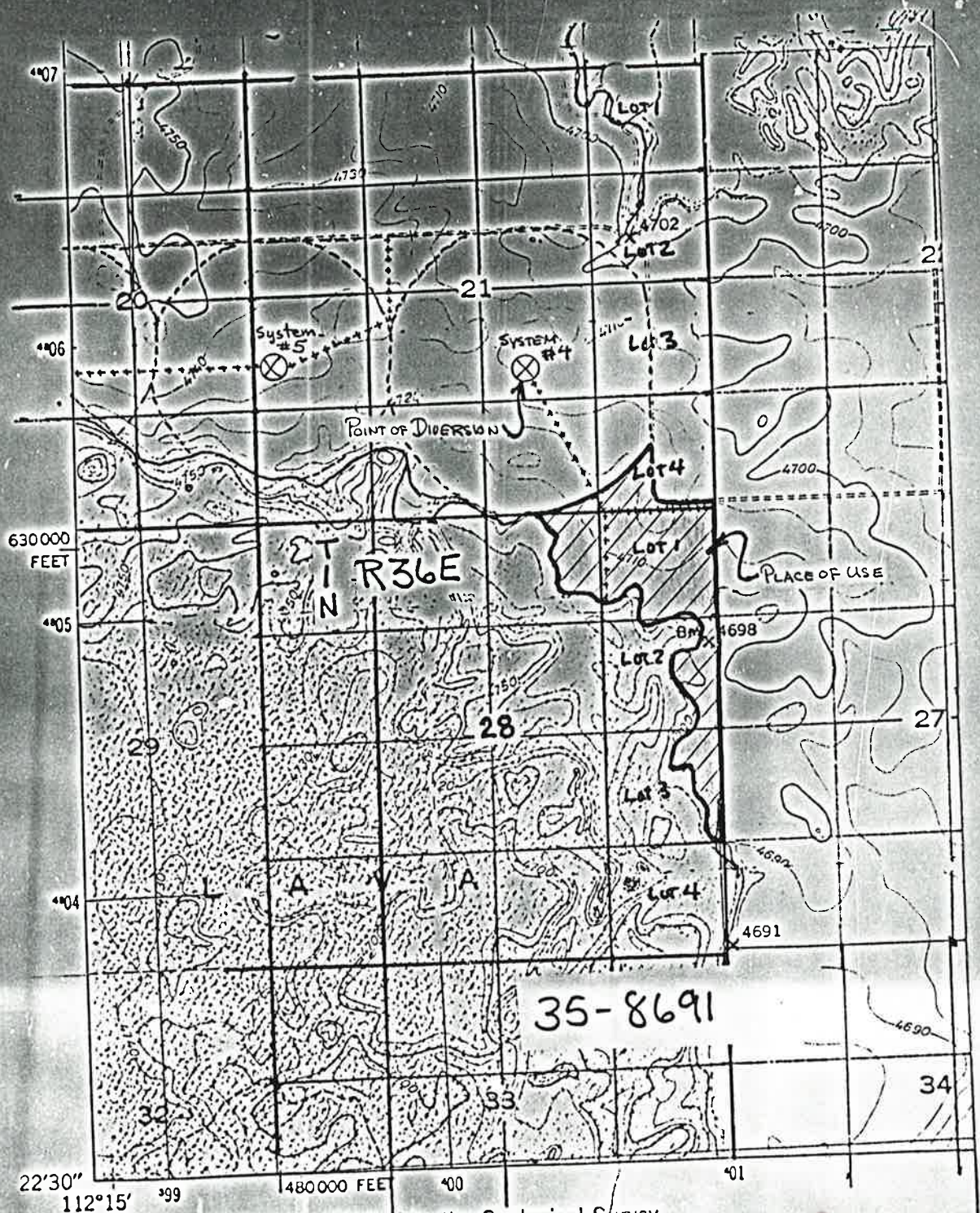
CONDITIONS/REMARKS: _____

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SYSTEM	CAPACITY (CFS)	IRRIGATED ACRES	EXISTING LICENSES	RECOMMEND	11-17-1993
					PERMIT NUMBERS
1	1.99		35-7493 ④ 4.24 cfs / 480 ac	Capacity - Licensed = Remaining (9.62 cfs) - (4.24 cfs) = 5.38 cfs / 523 ac	35-73688 ③ 1.82 cfs / 523 ac 35-70003 ③ 3.56 cfs / 523 ac (5.38 cfs - 1.82 = 3.56)
2	1.82	9.62 cfs	523 ac		
3	6.21				
5	3.30 cfs	244 ac	35-7420 1.89 cfs / 143 ac	Capacity - Licensed = Remaining (3.30 cfs) - (1.89 cfs) = 1.41 cfs / 244 ac	35-7000E ③ 1.41 cfs / 244 ac
4	5.54 cfs	179 ac	35-7419 ④ 1.80 cfs / 179 ac	PERMITTED AMOUNT 35-7000B / 73688 (35-7000B) (35-73688) $Q_p = 5.45 \text{ cfs} + 1.82 \text{ cfs} = 7.27 \text{ cfs}$ PERMITTED AMOUNT - RECOMMENDED = (Q _p) (Q _{1,2,3} + Q ₅) = REMAINING AMOUNT TO BE LICENSED (Q _R) $Q_p - [Q_{1,2,3} + Q_5] = Q_R$ $Q_{1,2,3} = Q_{35-7000B} + Q_{35-73688}$ $= (3.56 \text{ cfs} + 1.82 \text{ cfs}) = 5.38 \text{ cfs}$ $Q_R = (7.27 \text{ cfs}) - [5.38 \text{ cfs} + 1.41 \text{ cfs}]$ $= 0.48 \text{ cfs}$ REMAINING ACRES (A _R) = PERMITTED AC - RECOMMENDED AC (A _p) (A _{1,2,3} + A ₅) $A_R = (924) - [523 + 244] = 157 \text{ ac}$ RECOMMEND: 157 ac w/in P.P.U. of 179 ac	35-7000F ③ 0.48 cfs / 157 ac
	18.35 cfs	946 ac	7.93 cfs / 802 ac	$5.38 \text{ cfs} + 1.41 \text{ cfs} + 0.48 \text{ cfs} = 7.27 \text{ cfs}$ $523 \text{ ac} + 244 \text{ ac} + 157 \text{ ac} = 924 \text{ ac}$ $7.27 \text{ cfs} / 924 \text{ ac}$	

SCANNED
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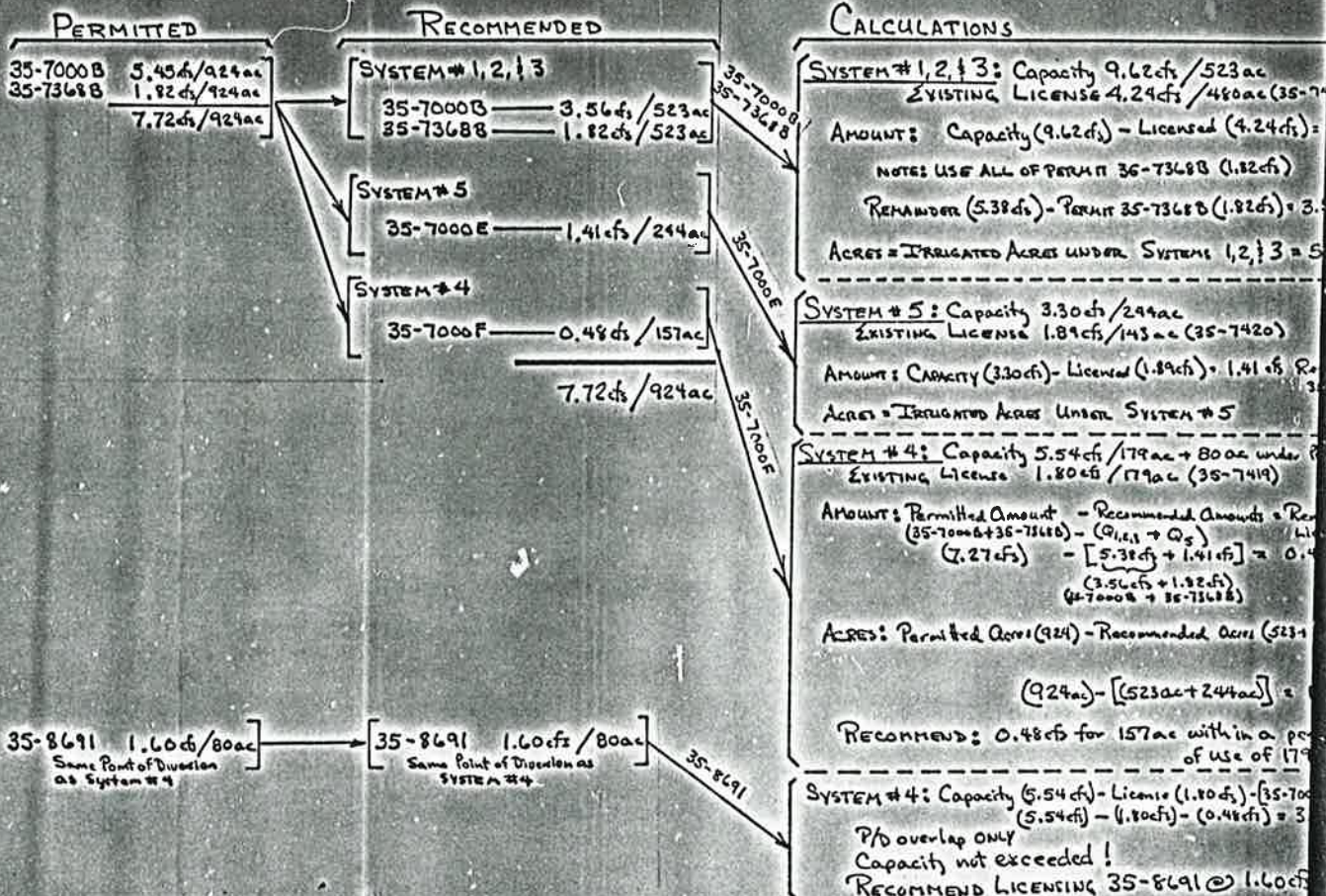
35-8691
PAGE "E"



22'30" 112°15' 399 480000 FEET 400 401 34

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RECOMMENDED

SYSTEM # 1, 2, 3

35-7000B — 3.56 cfs / 523 ac
35-7368B — 1.82 cfs / 523 ac

SYSTEM # 5

35-7000E — 1.41 cfs / 244 ac

SYSTEM # 4

35-7000F — 0.48 cfs / 157 ac

7.72 cfs / 924 ac

CALCULATIONS

SYSTEM # 1, 2, 3: Capacity 9.62 cfs / 523 ac
EXISTING LICENSE 4.24 cfs / 480 ac (35-7443)

AMOUNT: Capacity (9.62 cfs) - Licensed (4.24 cfs) = 5.38 cfs (Remainder)

NOTE: USE ALL OF PERMIT 35-7368B (1.82 cfs)

REMAINDER (5.38 cfs) - Permit 35-7368B (1.82 cfs) = 3.56 cfs Recommended for 35-7000B

ACRES = IRRIGATED ACRES UNDER SYSTEMS 1, 2, 3 = 523 ac

SYSTEM # 5: Capacity 3.30 cfs / 244 ac
EXISTING LICENSE 1.89 cfs / 143 ac (35-7420)

AMOUNT: CAPACITY (3.30 cfs) - Licensed (1.89 cfs) = 1.41 cfs Recommended for 35-7000E

ACRES = IRRIGATED ACRES UNDER SYSTEM # 5

SYSTEM # 4: Capacity 5.54 cfs / 179 ac + 80 ac under Permit 35-8691
EXISTING LICENSE 1.80 cfs / 179 ac (35-7419)

AMOUNT: Permitted Amount - Recommended Amount = Remaining Amount to be Licensed
(35-7000B + 35-7368B) - (Q_{1,2,3} + Q₅)
(7.27 cfs) - [5.38 cfs + 1.41 cfs] = 0.48 cfs
(3.56 cfs + 1.82 cfs)
(35-7000B + 35-7368B)

ACRES: Permitted Acres (924) - Recommended Acres (523 + 244) = Remaining Acres to be Licensed

(924 ac) - [(523 ac + 244 ac)] = 157 ac

RECOMMEND: 0.48 cfs for 157 ac within a permissible place of use of 179 ac

SYSTEM # 4: Capacity (5.54 cfs) - License (1.80 cfs) - (35-7000F (0.48 cfs))
(5.54 cfs) - (1.80 cfs) - (0.48 cfs) = 3.26 cfs Remaining System Capacity

P/O overlap ONLY

Capacity not exceeded!

RECOMMEND LICENSING 35-8691 @ 1.60 cfs / 80 ac

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ATTACHED ANALYSIS:

17 NOV 1993

NOTE:

35-07000B & 35-07368B COMBINE TO LICENSE LAND UP TO 0.02 CFS/AC

SYSTEMS #1,2,& 3 - - - - -

SYSTEM CAPACITY = 9.62 CFS/523 AC = 0.01839 CFS/AC = 0.92 "/AC
LICENSE (35-07493)

4.24 CFS/480 AC = 0.0088333 CFS/AC = 0.44 "/AC

CAPACITY - LICENSED AMOUNT = REMAINING TO BE LICENSED

(9.62 CFS) - (4.24 CFS) = 5.38 CFS/523 AC REMAINING

USE ALL OF PERMIT 35-07368B (1.82 CFS) ON SYSTEM'S #1,2,3, TO

ELIMINATE SPLITTING PERMIT INTO NUMEROUS SMALL PORTIONS

PORTION OF 35-07000B NECESSARY TO LICENSE SYSTEMS AT CAPACITY

REMAINING CAPACITY - PERMIT 35-07368B = RECOMMENDED

(5.38 CFS) - [35-07368B (1.82 CFS)] = 3.56 CFS FOR 35-07000B

SYSTEM #5 - - - - -

SYSTEM CAPACITY = 3.30 CFS/244 AC = 0.0135 CFS/AC = 0.676 "/AC

LICENSE (35-07420) 1.89 CFS/143 AC = 0.0132 CFS/AC = 0.66 "/AC

CAPACITY - LICENSED = REMAINING TO BE LICENSED

3.30 CFS - 1.89 CFS = 1.41 CFS/244 AC FOR 35-07000E

SYSTEM #4 - - - - -

SYSTEM CAPACITY = 5.54 CFS/179 AC = 0.0309 CFS/AC

LIMIT TO 0.02 CFS/AC

PERMITTED AMOUNT - RECOMMENDED AMOUNTS = REMAINING AMOUNT

(35-7000B/7368B) - (SYSTEM #1,2,3 + SYSTEM #5)

(5.45 CFS + 1.82 CFS) - (5.38 CFS + 1.41 CFS) = 0.48 CFS

PERMITTED AC - RECOMMENDED AC = REMAINING AC TO LICENSE

(924 AC) - (AC OF 1,2,3 + AC OF #5) =

(924 AC) - (523 AC + 244 AC) = 157 AC

RECOMMEND:

0.48 CFS FOR 157 AC WITH/IN PERMISSIBLE PLACE OF USE
OF 179 AC.

ANALYSIS:

QUANTITY

35-07368B (1.82 CFS)

35-07000B (3.56 CFS)

35-07000E (1.41 CFS)

35-07000F (0.48 CFS)

7.27 CFS

ACRES

523 AC

"

244 AC

157 AC W/IN 179 AC

924 AC

35-8691

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SEP 14 2005
SCA

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO,
IN AND FOR THE COUNTY OF TWIN FALLS

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: **A35-08691**
Date Received: 3/26/1998
Receipt No: _____
Received By: _____

**NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW**

1. Name: BRENDA STOLWORTHY 208-357-7085
Address: 1320 N 375 E
SHELLEY ID 83427

AND

Name: DAVID STOLWORTHY 208-357-7085
Address: 1320 N 375 E
SHELLEY ID 83427

2. Date of Priority: FEB 2, ¹⁹⁸⁹1998

3. Source: GROUNDWATER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of	1/4 of	1/4 of	Lot	County
01N	36E	1	SW	NW	SE		BINGHAM

5. Description of diverting works:
WELL TO PIVOTS AND LINES

6. Water is used for the following purposes:

Purpose	From	To	C.F.S.	(or)	A.F.A.
IRRIGATION	04/01	10/31	1.600		

7. Total Quantity Appropriated is:
1.600 C.F.S. (and/or) 320.00 A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of	1/4 of	Lot	Use	Acres	⁷⁴¹⁹	^{07000F}
01N	36E	21	SW	SE		IRR	2.0	37	37

A35-08691

PROFILE

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SCANNED
Date: 03/26/98

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10. Place of Use: Continued

Township	Range	Section	1/4 of	1/4	Lot	Use	Acres	7419	07000F
01N	36E	21	SE	SE	4	IRR	8.0	11	11
Section Acres							10.0		
		28	NE	NE	1	IRR	38.0		
			NW	NE		IRR	14.0		
			SE	NE	2	IRR	9.0		
			NE	SE	3	IRR	9.0		
Section Acres							70.0		
Total Acres							80.0		

11. Place of use in counties: BINGHAM

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:
35-07000F AND 35-07419

14. Remarks:

THIS RIGHT WHEN COMBINED WITH RIGHTS 35-07000F AND 35-07419 SHALL PROVIDE NO MORE THAN 0.02 CFS PER ACRE NOR MORE THAN 4.0 AFA FOR THE LANDS ABOVE
THE FOLLOWING RIGHTS ARE ALSO DIVERTED THROUGH THE POINT OF DIVERSION DESCRIBED ABOVE: 35-07000F AND 35-07419.

15. Basis of Claim: LICENSE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do _____ do not _____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): _____ Date: _____
_____ Date: _____

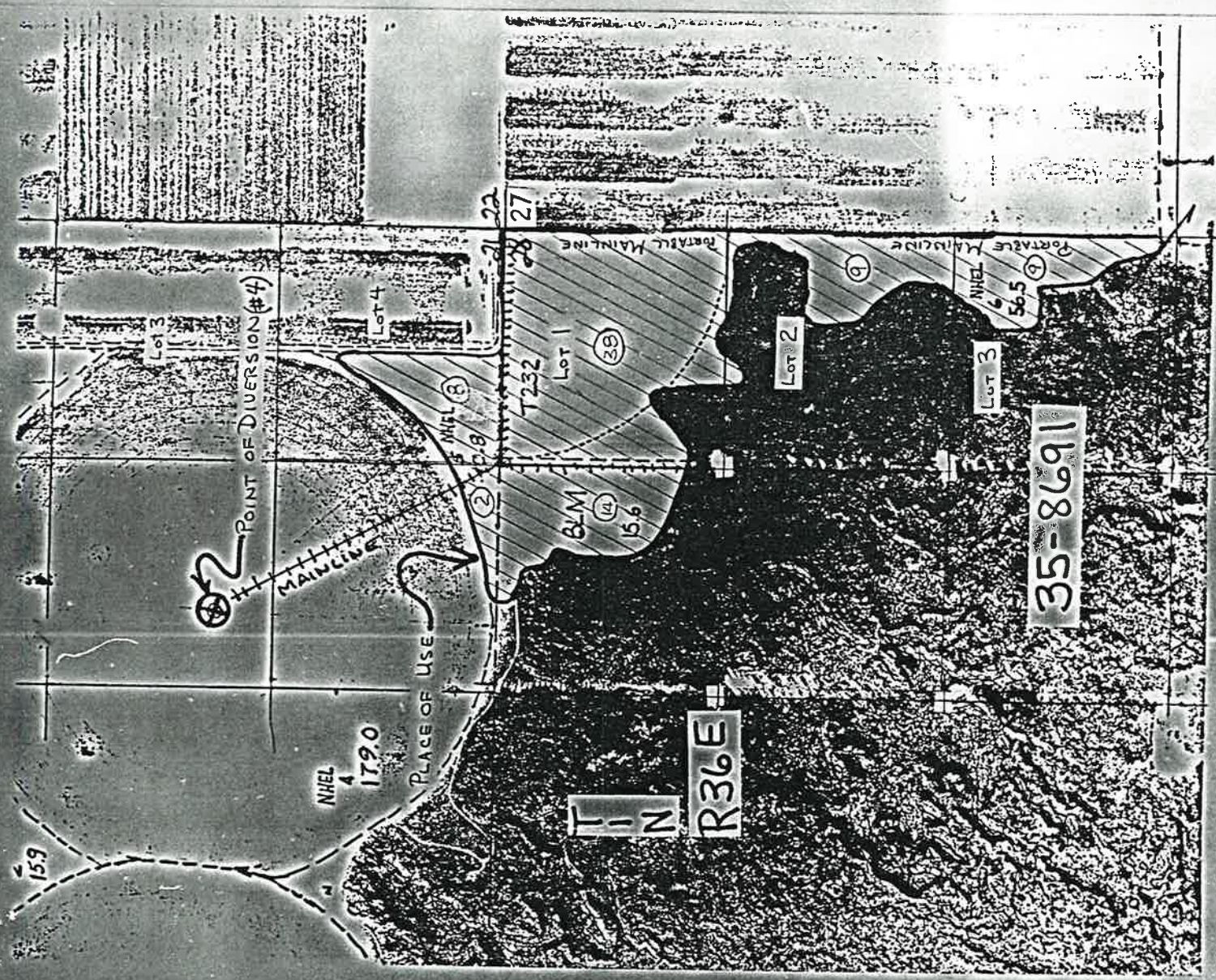
State of Idaho)
County of _____) SS.

Subscribed and sworn (or affirmed) before me this _____ day
of _____ 19 _____

Notary Public

Seal

Residing at _____
My Commission Expires _____



SCANNED
SEP 14 2005

35-8691

TIN R36E