

IDAHO DEPARTMENT OF WATER RESOURCES

Water Right Report 37-22251

WATER RIGHT NUMBER: 37-22251

DRAFT

<u>Owner Type</u>	<u>Name and Address</u>
Previous Owner	HELEN NAN CROCKER PO BOX 974 KETCHUM, ID 83340-0974 (208)726-9185
Original Owner	CRYSTAL HOT SPRINGS LIMITED PARTNERSHIP , ID
Current Owner	SPRING CANYON RANCH LLC C/O CROY CANYON LLC 395 OYSTER PT BLVD #309 SOUTH SAN FRANCISCO , CA 94080 (650) 588-5600

Priority Date: 08/03/1990

Basis: License

Status: Active DRAFT

<u>Source</u>	<u>Tributary</u>
GROUND WATER	

<u>Beneficial Use</u>	<u>From</u> <u>To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
IRRIGATION	04/01 to 10/31	1.820 CFS	318.50 AF
	<u>Total Diversion:</u>	1.820 CFS	318.50 AF

Location of Point(s) of Diversion

GROUND WATER	SE1/4NE1/4SE1/4	Sec. 18, Twp 02N, Rge 18E, B.M.
BLAINE County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	18E	17							2.4	22.0	24.0	34.0							82.4
									L 3	L 4									
02N	18E	18			14.0		.7		1.7	27.0	.4				19.0	14.0		5.3	82.1
									L 2								L 5		

Total Acres: 164.5

Conditions of Approval:

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1. 104 If the surface water right(s) appurtenant to the place of use is abandoned, forfeited, sold, transferred, leased or used on any other place of use, this right to divert ground water shall not be used without an approved transfer pursuant to Section 42-222, Idaho Code, or approval of the Department if a transfer is not required.
2. X35 Rights 37-548, 37-549, 37-1222, 37-2142, 37-4440, 37-22250 and 37-22251 when combined shall not exceed a total diversion rate of 9.81 cfs, and the irrigation of 198.5 acres.
3. X27 This right is limited to the irrigation of 91 acres within the place of use described above in a single irrigation season.
4. The volume of water diverted in connection with this right shall not exceed the amount needed to supplement the appurtenant surface water rights for the irrigation of 91 acres, up to a maximum of 318.5 AF of ground water, in years when no surface water is available.
5. 01M After specific notification by the department, the right holder shall install a suitable measuring device or shall enter into an agreement with the department to determine the amount of water diverted from power records and shall annually report the information to the department.
6. 065 The right holder shall make full beneficial use of all surface water rights available to the right holder for irrigation of the lands authorized to be irrigated under this right. The right holder shall limit the diversion of ground water under this right to those times when the surface water supply is not available or the surface water supply is not reasonably sufficient to irrigate the place of use authorized under this right.

Remarks:

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Comments:

1. medl 1/4/2008 POU

Comment: Updated Shape

2. medl 1/4/2008 POU

Comment: Updated PLS

3. medl 1/4/2008 POD

Comment: Updated shape

4. medl 1/4/2008 license review

Comment: This appropriation for groundwater is intended to supplement the surface water rights. The table below is summary of the adjudication recommendations for those existing rights. The same 180-acre shape applies to all of these rights.

Adjudication Recommendations for Spring Canyon Ranch

Water Right	acres	rate
37-548 180	3.6	
37-549 180	4	
37-1222 180	0.4	
37-2142 180	1.5	
37-4440 180	0.31	
	9.81	sum

The field exam for the parent right 37-8659 assumed the two wells and pumps were one, interconnected system. The ranch manager explained that it was his original intent to connect the two systems but he never has. Therefore the right is being split in two.

A POU shape file for the parent right was created by Brockway Engineering personnel and emailed to me. I split the Brockway shape into areas reached by each pump. I proposed a proportional split of the parent PPU into each of the child water rights. Brockway Engineering personnel oked a proportional split and the assignment I made of the irrigated shapes to their respective well.

Although each of the well and pump systems can divert more than 0.02 cfs, the parent permit limits the diversion rate to 0.02 cfs per acre.

Based on ArcView shape overlap of the adjudication recommended shape and the shape created by Brockway Engineering for this permit, 31.7 acres are primary ground water irrigation for the split associated with well 3. A screen shot, showing the primary ground water acres in yellow highlight, has been included in this file.

A summary of the split calculations is on the following page

Spring Canyon Ranch

Parent WR# 37-8659

PPU acres 215.8

Permitted acres 125

Permitted cfs 0.02

Well 2 WR# 37-22250

PPU 45.3

Permitted acres $26.23957 = 125/215.8 * 45.3$ max diversion volume (AF) $91.83851 = 26.24 * 3.5$ max diversion rate (cfs) $0.524791 = 26.24 * .02$

primary ground water acres 12.5

Well 3 WR# 37-22251

PPU 169.5

Permitted acres $98.18119 = 125/215.8 * 169.5$ max diversion volume (AF) $343.6342 = 98.18 * 3.5$ max diversion rate (cfs) $1.963624 = 98.18 * .02$

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max diversion rate (cfs) 1.963624 =98.18*.02
primary ground water acres 31.7

5. medl 2/1/2008 POU
Comment: Updated PLS

Dates and Other Information:

Licensed Date:
Decreed Date:
Enlargement Use Priority Date:
Enlargement Statute Priority Date:
State or Federal:
Owner Name Connector:
Water District Number: 37
Generic Max Rate Per Acre:
Generic Max Volume Per Acre: 3.5
Decree Defendant:
Decree Plaintiff:
Civil Case Number:
Judicial District:
Swan Falls Trust or Nontrust:
Swan Falls Dismissed:
DLE Act Number:
Carey Act Number:
Mitigation Plan: False

Combined Use Limits:

Water Supply Bank: