STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-8613A
Exam Date: 11/09/2005

1. Current Owner: VALLEY CLUB OWNERS ASSOCIATION INC
C/O JOHN P WELLS
PO BOX 659
SUN VALLEY ID 83353-0659
(208) 727-4000

2. Accompanied by: Gar McLean
Phone No: (208) 720-1947
Address: PO BOX 659 SUN VALLEY ID 83353-0659
Relationship to Permit Holder: PROPERTY MANAGMENT

3. **SOURCE** **TRIBUTARY**
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 37-08810
2. Other water rights with the same point of diversion: 37-08810

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

Well #1 (IDWR Well ID W313088, IDEQ EO009079)
GROUND WATER NE1/4SE1/4NW1/4 Sec. 20, Twp 03N, Rge 18E, B.M.
BLAINE County

Well #2 (IDWR Well ID W313859, IDWR A0016203, IDEQ EO007801)
GROUND WATER NW1/4SW1/4NE1/4 Sec. 20, Twp 03N, Rge 18E, B.M.
BLAINE County

Method of Determination:
GPS Well 1 – 2472807 E / 1375593 N
Well 2 – 2472859 E / 1375595 N

2.

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	
03N 18E 20		1.0	5.5	6.0									6.5	2.5		5.5	27.0
03N 18E 21											2.5						2.5
03N 18E 28					1.0	4.0	5.5	1.0	1.0	7.0							19.5

Total Acres: 49

DOMESTIC same as IRRIGATION

Method of Determination: GIS

3. ___X__ Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

___X__ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

___X__ Aerial Photo Attached (required for irrigation of 10+ acres).

___X__ Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
__Well 1_____	_____	_50_	_____	Submersible	_____
__Well 2_____	__US Motor___	_40_	_____	Goulds_____	_LP94372_____
_____	_____	____	_____	_____	_____
_____	_____	____	_____	_____	_____

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

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Installed____	_____	McCrometer	_____	9495926____	_6 IN_____	_____
_____	UltraSonic	Fuji Meter	_____	_____	_____	_____

2. Measurements:

Well 1

	Time Pumped	Total gallons	Average GPM	Average cfs	% Difference
Installed meter	10 min	5300	530	1.18	8.4
Fuji Meter	10 min	5787	578.7	1.29	

Well 2

	Time Pumped	Total gallons	Average GPM	Average cfs	% Difference
Installed meter	10 min	4100	410	.91	2.5
Fuji Meter	10 min	4204	420.4	.94	

E. FLOW CALCULATIONS

_____Additional Computation Sheets Attached

Measured Method:

From the above mentioned measurements the total flow rate was calculated as:

1.29 + .94 = 2.23 cfs

WR 37-08810 - 2.23 cfs

WR 37-08613A - 1.48 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.}$ = (Acres Irrigated) x (Irrigation Requirement) = 49 acres x 3.5 AF/acre/yr = 171.5 AF/yr

$V_{D.R.}$ = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 =

(.02 cfs x 49 acres) x 213 days x 1.9835 = 414 AF/yr

V = Smaller of $V_{I.R.}$ and $V_{D.R.}$ = 171.5 AF/yr

2. Volume Calculations for Other Uses:

Domestic:

0.6 AF/yr x 98 domestic uses = 58.8 AF/yr

G. NARRATIVE/REMARKS/COMMENTS

The Valley Club housing division includes 98 domestic lots with a clubhouse/restaurant, recreation center, and four employee-housing units. The housing lots are spread throughout an 18-hole golf course located in Hailey, Idaho. The proof of beneficial use field exam verified the use of two wells that supply water to the housing division, clubhouse/restaurant, recreation center, and employee-housing units. Water is stored in a 100,000-gallon tank. A system for fire protection has been developed with fire hydrants located throughout the housing division.

A flow test was conducted using an Ultra Sonic Fuji meter to determine the pump capacity; the total potential flow for the two wells was 2.23 cfs. Water right 37-08810 was allotted 2.23 cfs for domestic use in one (1) residence, one (1) clubhouse/restaurant, one (1) recreation center, four (4) employee-housing units, and fire protection. Water right **37-08613A** was allotted 0.5 cfs for 98 domestic household uses and 0.98 cfs was allotted for domestic irrigation of 49 acres. The total allowable flow at any one time is limited by the system to be 2.23 cfs.

To date there are 27 lots that have been developed, average lot size is approximately 2 acres. Valley Club owners covenants state that each lots irrigated land is to be at least 1/3 acre and no more than 1/5 acre.

Have conditions of permit approval been met? __X__Yes _____No

H. RECOMMENDATIONS

1. Recommended Amounts

BENEFICIAL USE	PERIOD OF USE	DIVERSION RATE	ANNUAL VOLUME
DOMESTIC	01/01 to 12/31	0.500 CFS	58.8 AF/yr
IRRIGATION	04/01 to 11/01	0.980 CFS	171.5 AF/yr
	Totals:	1.480 CFS	230.3 AF/yr

2. Recommended Amendments

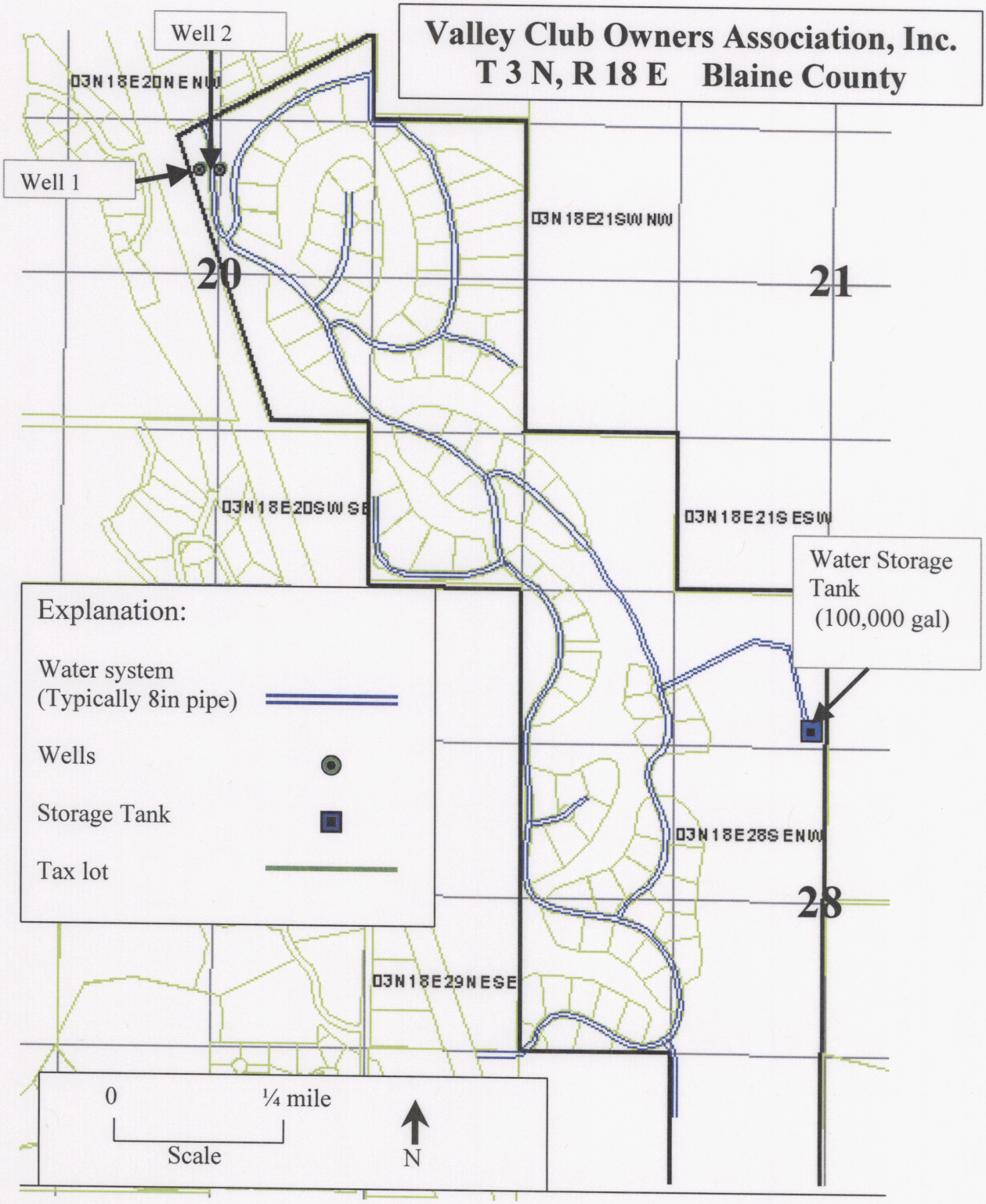
_X_Change P.D. as reflected above ___Add P.D. as reflected above ___None

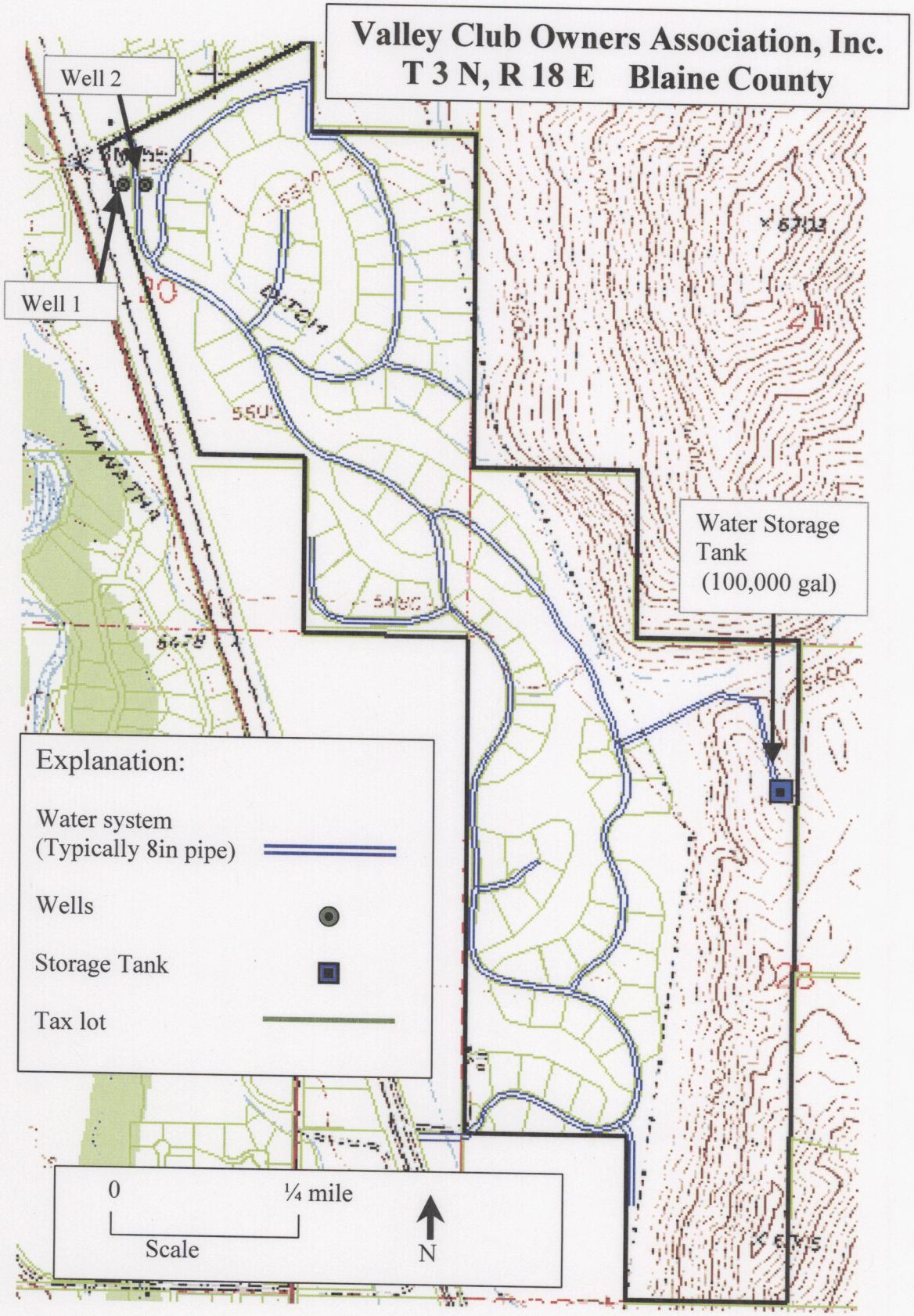
_X_Change P.U. as reflected above ___Add P.U. as reflected above ___Other

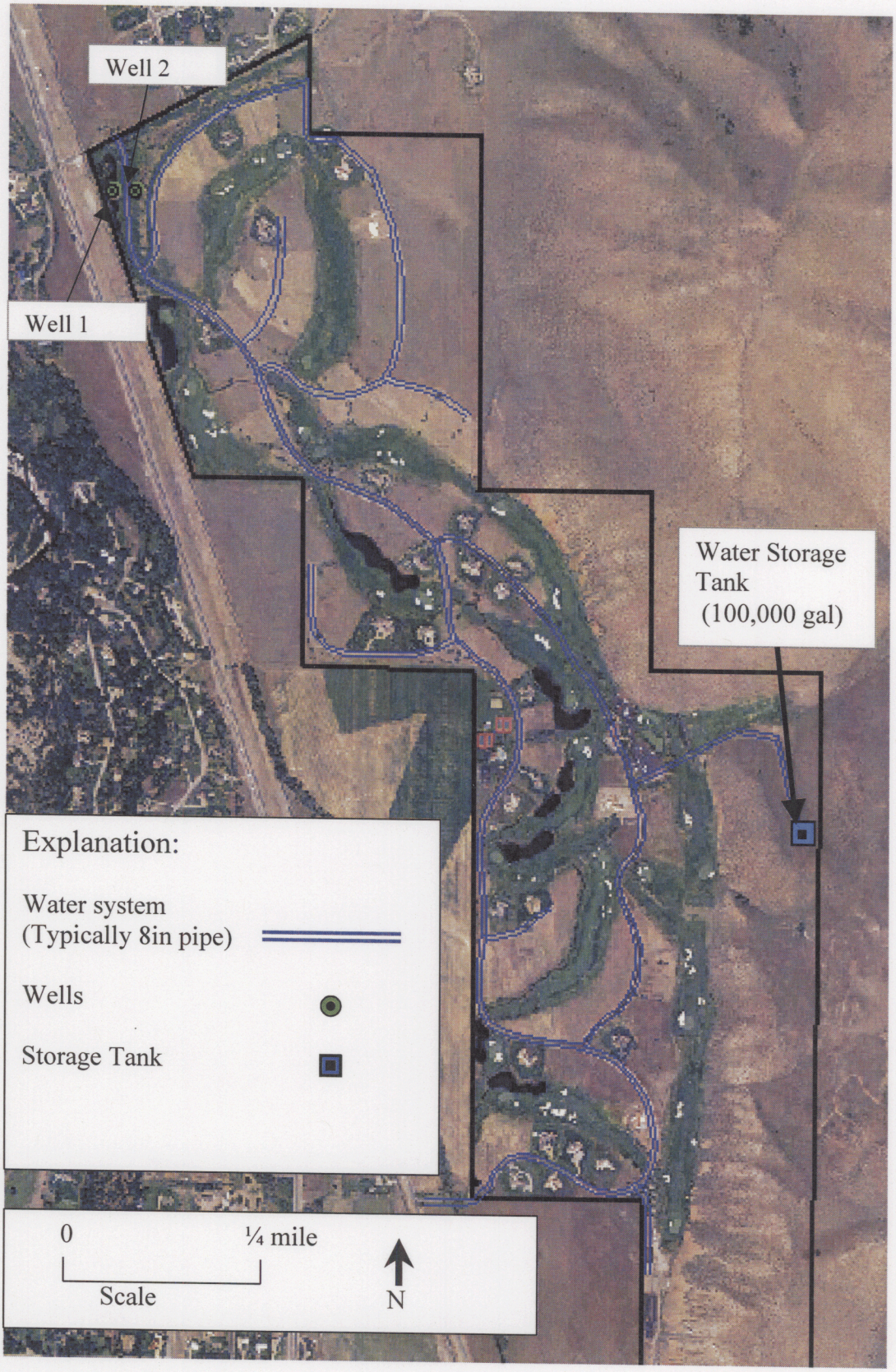
I. AUTHENTICATION

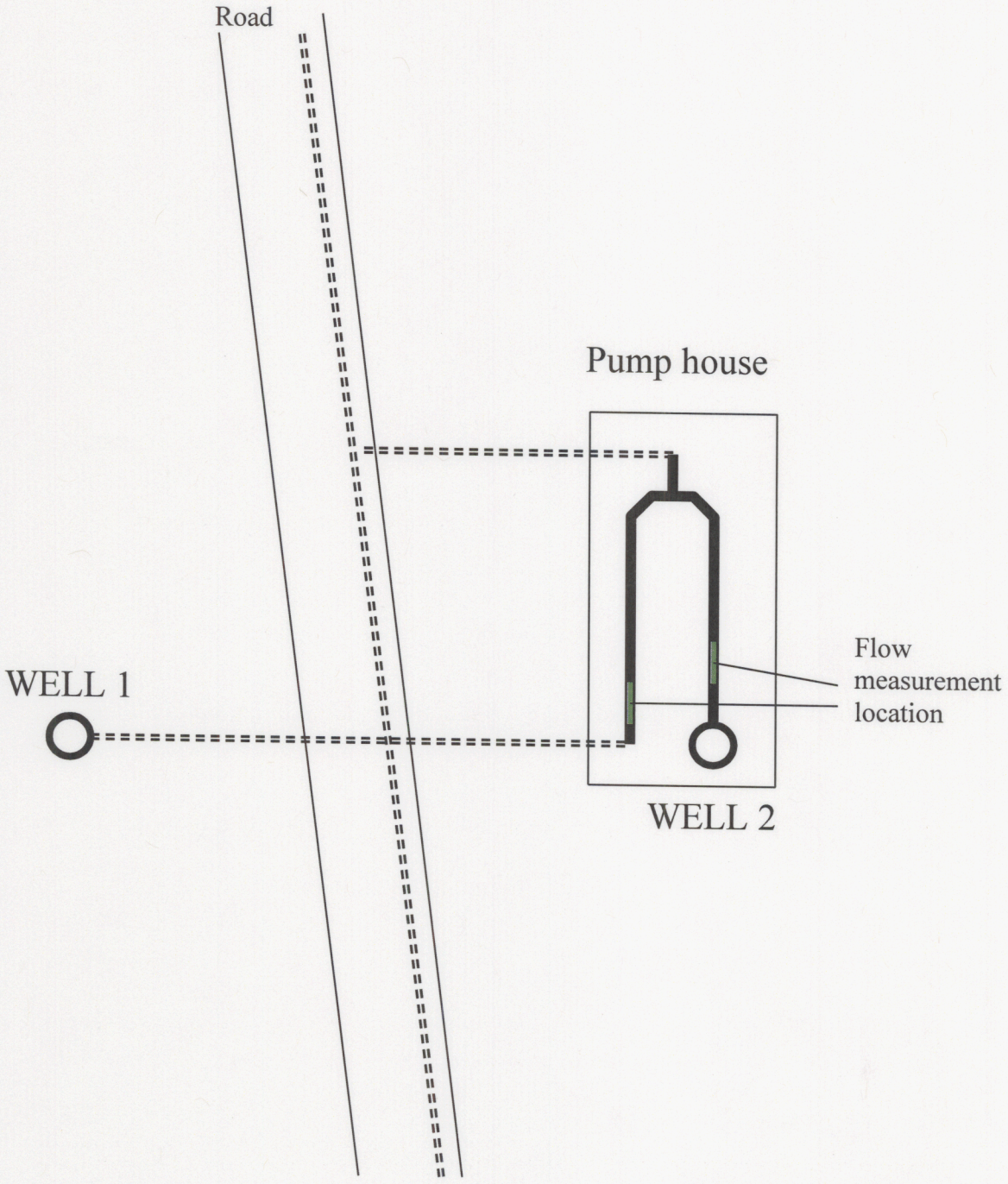
Field Examiner's Name Matthew Erickson Date 12/22/05

Reviewer _____ Date _____

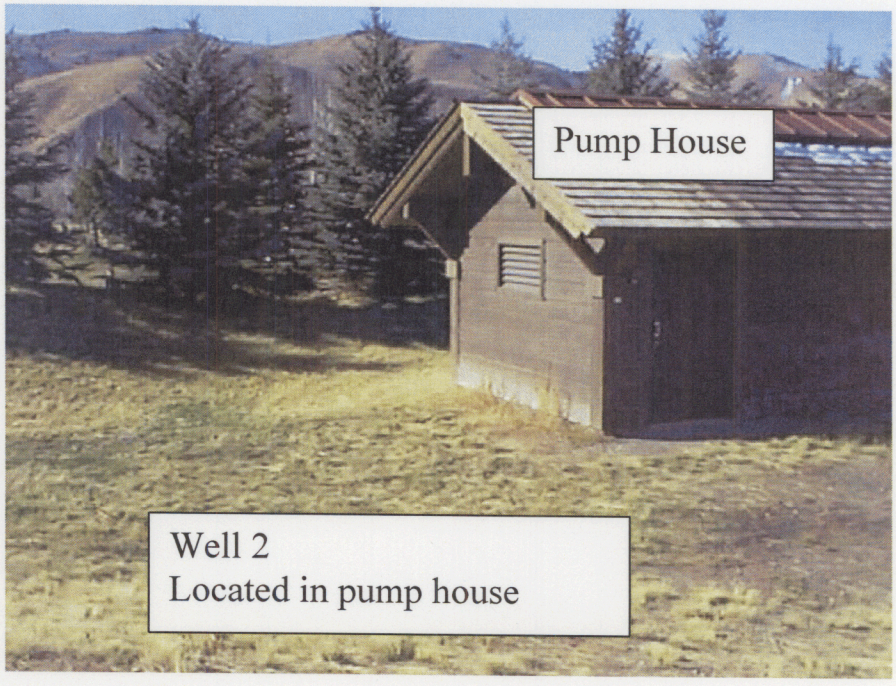

Valley Club Owners Association, Inc.
T 3 N, R 18 E Blaine County
Well 2
Well 1
03N18E20NENW
03N18E21SWNW
20
21
03N18E20SWSE
03N18E21SESW
Water Storage Tank (100,000 gal)
Explanation:
Water system (Typically 8in pipe)
Wells
Storage Tank
Tax lot
03N18E28SENW
28
03N18E29NESE
0
¼ mile
Scale
N

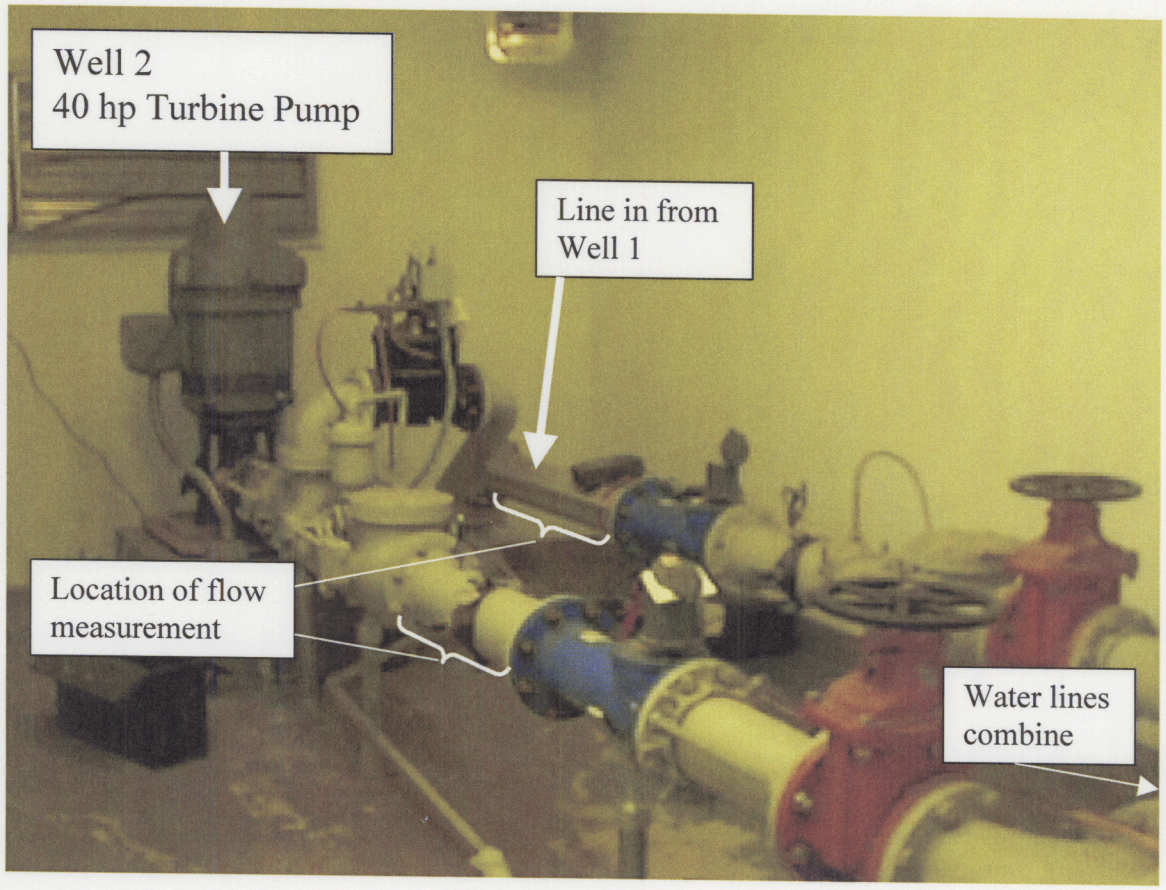

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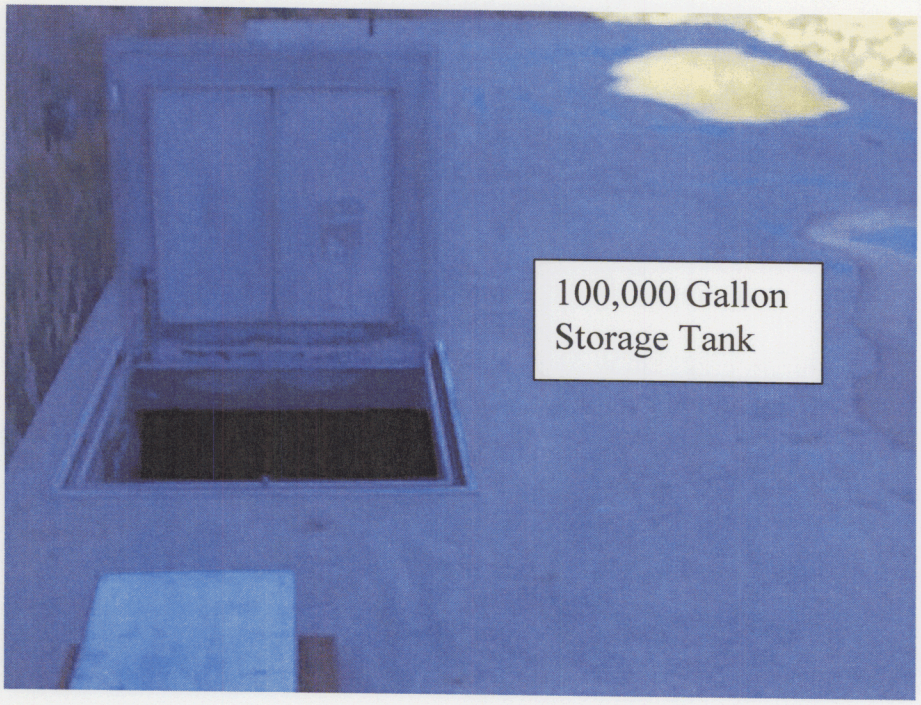

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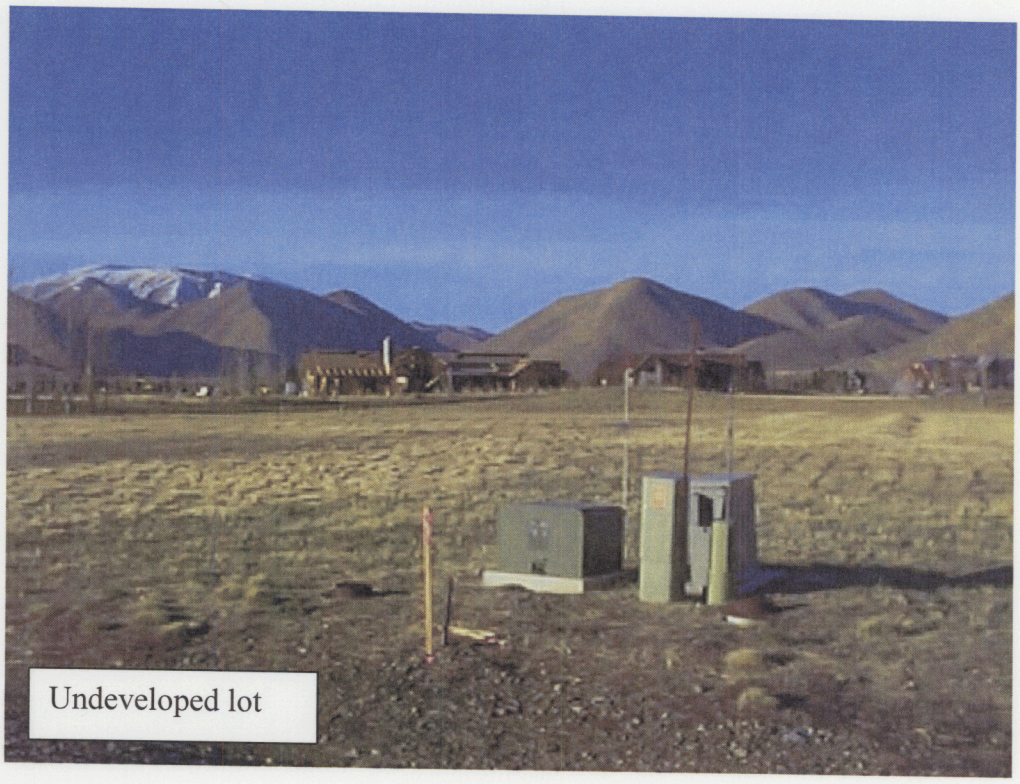

Road
Pump house
WELL 1
Flow
measurement
location
WELL 2


Well 1
50 hp Submersible


Pump House
Well 2
Located in pump house


Well 2
40 hp Turbine Pump
Line in from
Well 1
Location of flow
measurement
Water lines
combine


100,000 Gallon
Storage Tank


Undeveloped lot


Fire Hydrant


Domestic water hookup
Drip system in place for landscaping and trees