

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 63-33723

Examiner: A. Skinner

Date: 8/9/2017

In-office qualification (IDAPA 035.01.r): ☒ Irrigation $\leq$ 5 acres
☐ Stockwater storage $\leq$ 14.6 af
☐ Total diversion rate $\leq$ 0.24 cfs and not irrigation or storage

Current Owner Name: LESLIE NONA

Address: 6411 W DRY CREEK ROAD, BOISE, ID 83714

Beneficial Use Fee Paid: \$50

Receipt: C103741

Source: GROUND WATER Source change? ☒ N ☐ Y Change clarifies originally intended source.
 If not – void permit.

Point of Diversion			NE				NW				SW				SE			
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
05N	02E	31								X								

Method of Determination: Field exam and aerial imagery.

POD change? ☒ N ☐ Y

Place of Use			NE				NW				SW				SE				Totals
Twp	Rge	Sec	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
05N	02E	31								2.9									2.9

Method of Determination: Site visit and aerial imagery.

POU change? ☒ N ☐ Y

Purpose of Use: Irrigate front pasture, flower pots, garden, and trees

Purpose change? ☒ N ☐ Y

Method of Determination: Site visit and file notes.

Standard Season of Use: 03/01 to 11/15

Update required on license? ☒ N ☐ YOverlap Review POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments:POU overlap? ☒ N ☐ Y WR's:

Comments:

Diversion Rate Permitted Rate: 0.15 cfs BU Standard Limit: 0.09 cfs
 BU Fee Limit: 0.20 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.09 cfs

Annual Volume

For Irrigation: 0.09 cfs x 1.9835 x 260 days = 46.4 af
 2.9 acres x 4.5 af/ac (FHR) = 13.1 af
 Smaller of two volumes = 13.1 af

For other uses: NA

Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
IRRIGATION	03/01 to 11/15	0.09	13.1
Totals		0.09 cfs	13.1 af

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Amendments Required☐ Change P.D.☐ Add P.D☒ None☐ Change P.U.☐ Add P.U.☐ Other:**Conditions:**

Conditions R69, 103, 165, and 930 are recommended for licensing.

Have conditions of permit been met? ☒ Y ☐ N**Narrative:**

Permit No. 63-33723 authorizes the diversion of 0.15 cfs from groundwater to irrigate 4.9 acres. Based on the small diversion and a place of use less than 5 acres, the permit qualifies for an in-office field exam. A site visit was conducted on August 8, 2017 by Angie Grimm and Aaron Skinner to verify acreage. Current ArcMap imagery is from 2015, while the beneficial use was submitted in 2017. Leslie Nona accompanied us during the visit.

Background:

The purpose of this right was to add 4.9 acres of irrigation. Before permit approval, minimal irrigation around the house was done. Stockwater use is done under the domestic well. Currently, there are two wells on the property; the domestic well and the new irrigation well.

System Description:

Groundwater is pulled from a well located at 43.729761, -116.268571 via a Grundfos stainless steel 7.5 hp submersible pump. Reviewing the well log, the casing was sealed from 0 to 10' with dry 3/8" bentonite and 10' to 200' with a cement/bentonite mixture fulfilling condition 165 and 930 of the permit. Water is diverted to the place of use by a 2" pvc line at 70 psi. Pop-up sprinklers are used around the yard and pasture, while a drip system is in place to water the trees, vegetable planters, and flower beds.

Diversion Rate and Volume:

The permitted rate and assumed volume for this right is 0.15 cfs and 22.1 AF respectively. These calculations were based on the development of 4.9 acres (0.03 cfs X 4.9 acres; 4.9 acres X 4.5 H.G.R.). A site visit and available aerial imagery concluded that 2.9 acres were developed instead of the 4.9 acres. As a result, the recommended rate and volume for licensing will be 0.09 cfs and 13.1 AF respectively (0.03 cfs X 2.9 acres; 2.9 acres X 4.5 H.G.R.).

Ownership:

Current taxlot data was used to verify land ownership and confirms that Leslie Nona owns the land associated to this right.

Overlap:

An overlap analysis was completed for the POD and POU. There are no overlapping WRs for either the POD or the POU area.

Conditions:

Conditions R69 and 165 were forwarded to licensing. Condition 121 was updated to 103, conditions 26A, 046, and 004 were removed, and 930 was added to the language "Water bearing zone..."

Workflow**Supporting Documents**

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☐
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 FE Database (N: drive) ☒

Aerial Photograph ☒
 POU/POD Map ☒
 LandSat ☐
 Photographs ☒
 Site Visit Date: 8/08/2017
 Well Log ☒
 Diagrams ☐
 Theoretical ☐
 Other: ☐

Authentication

Field Examiner's Name: Aaron Skinner Date: 8/10/2017

Reviewer: Angie M. Grimm Date: 9/12/17

POD and POU for Permit No. 63-33723



Overlap Analysis for Permit No. 63-33723 POD

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWS
Water Right	63-16943	N	MC CONNELL, WALLACE; MC CONNELL, ELSIE; MURPHY, KEN; MURPHY, MARIAN	GROUND WATER									X							
Water Right	63-22827	N	CAMPBELL, SCOTT L; CREAMER, MICHAEL C; DEVELOPERS OF HIDDEN SPRINGS LLC; GROSSMAN/HIDDEN SPRINGS DEVELOPMENT LLC	GROUND WATER									X							
Water Right	63-2618	N	EAGLESON, MARY C; MURPHY, KENNETH; MURPHY, MARIAN; SHAW, MARIAN E	DRY CREEK									X							
Water Right	63-3160A	N	MURPHY, KENNETH; MURPHY, MARIAN; SHAW, MARIAN E; SMITH, FRANK D; SMITH, MELVIN D	GROUND WATER									X							
Water Right	63-31738	N	BULL DEVELOPMENT INC; MEULEMAN, SUSAN; MEULEMAN, WAYNE	DRY CREEK									X							
Water Right	63-31740	N	BULL DEVELOPMENT INC; MEULEMAN, SUSAN; MEULEMAN, WAYNE	GROUND WATER									X							
Water Right	63-3176	N	BROKEN HORN RANCH LP; EMERY, DAN D; EMERY, SCOTT D	GROUND WATER									X							
Water Right	63-32270	N	HARRIS, DALE; THOMPSON JR, H PLATT; THOMPSON, NANCY G	GROUND WATER									X							
Water Right	63-32403	N	BULL DEVELOPMENT INC; ECHANOVE, BETTY L; ECHANOVE, PEDRO; GIBBENS, ELENA ANITA; GROOTHUIS, JUDY L; GROOTHUIS, MARION D	DRY CREEK									X							
Water Right	63-32404	N	BULL DEVELOPMENT INC; FITZWATER, CELIA; MAILHOT, MEGAN; MAILHOT, THOMAS W; PARKER, JAMES	DRY CREEK									X							
Water Right	63-32405	N	BULL DEVELOPMENT INC; WARDLE, LISA; WARDLE, SCOTT	DRY CREEK									X							
Water Right	63-32407	N	BALL, GAYLON; BULL DEVELOPMENT INC	DRY CREEK									X							
Water Right	63-32408	N	BULL DEVELOPMENT INC; ECHANOVE DRIVE LLC; REILLY, JANELLE; REILLY, PAT	DRY CREEK									X							
Water Right	63-32412	N	BULL DEVELOPMENT INC; ECHANOVE, HILARIO; ECHANOVE, PEDRO; ECHANOVE, PETRA; GIBBENS, ELENA ANITA; GROOTHUIS, JUDY L; GROOTHUIS, MARION D	GROUND WATER									X							
Water Right	63-32413	N	BULL DEVELOPMENT INC; FITZWATER, CELIA; MAILHOT, MEGAN; MAILHOT, THOMAS W; PARKER, JAMES	GROUND WATER									X							
Water Right	63-32414	N	BULL DEVELOPMENT INC; WARDLE, LISA; WARDLE, SCOTT	GROUND WATER									X							
Water Right	63-32416	N	BALL, GAYLON; BULL DEVELOPMENT INC	GROUND WATER									X							
Water Right	63-32417	N	BULL DEVELOPMENT INC; ECHANOVE DRIVE LLC; REILLY, JANELLE; REILLY, PAT	GROUND WATER									X							
Water Right	63-32637	N	BOHME, SCOTT; BOHME, SUZIE; BULL DEVELOPMENT INC	DRY CREEK									X							
Water Right	63-32638	N	BOHME, SCOTT; BOHME, SUZIE; BULL DEVELOPMENT INC; CLEARY, JIM; CLEARY, TERESA	DRY CREEK									X							
Water Right	63-32639	N	BOHME, SCOTT; BOHME, SUZIE; BULL DEVELOPMENT INC; CLEARY, JIM; CLEARY, TERESA	GROUND WATER									X							
Water Right	63-32640	N	BOHME, SCOTT; BOHME, SUZIE; BULL DEVELOPMENT INC; CLEARY, JIM; CLEARY, TERESA	GROUND WATER									X							
Water Right	63-32707	N	BULL DEVELOPMENT INC; MC MILLEN, MIKE; PATTERSON, SARA; STRODE, MARK A; STRODE, TINA	DRY CREEK									X							
Water Right	63-32708	N	BULL DEVELOPMENT INC; WHITING, JULIA; WHITING, ROBERT	DRY CREEK									X							
Water Right	63-32709	N	BULL DEVELOPMENT INC; HOLLEY, ERIC	DRY CREEK									X							
Water Right	63-32710	N	BULL DEVELOPMENT INC; MILLER, DOUGLAS; MILLER, PATRICIA	DRY CREEK									X							
Water Right	63-32712	N	BULL DEVELOPMENT INC; MC MILLEN, MIKE; PATTERSON, SARA	DRY CREEK									X							
Water Right	63-32713	N	BULL DEVELOPMENT INC; WHITING, JULIA; WHITING, ROBERT	GROUND WATER									X							
Water Right	63-32714	N	BULL DEVELOPMENT INC; HOLLEY, ERIC	GROUND WATER									X							
Water Right	63-32715	N	BULL DEVELOPMENT INC; MILLER, DOUGLAS; MILLER, PATRICIA	GROUND WATER									X							
Water Right	63-33173	N	HARRIS, DALE; HARRIS, WENDY	GROUND WATER									X							
Water Right	63-33174	N	HARRIS, DALE; HARRIS, WENDY	GROUND WATER									X							
Water Right	63-33244	N	BULL DEVELOPMENT INC; ECHANOVE, BETTY L; ECHANOVE, PEDRO; GIBBENS, ELENA ANITA; GROOTHUIS, JUDY L; GROOTHUIS, MARION D	DRY CREEK									X							
Water Right	63-33247	N	BULL DEVELOPMENT INC; ECHANOVE, HILARIO; ECHANOVE, PEDRO; ECHANOVE, PETRA; GIBBENS, ELENA ANITA; GROOTHUIS, JUDY L; GROOTHUIS, MARION D	GROUND WATER									X							
Water Right	63-33723	Y	NONA, LESLIE	GROUND WATER									X							
Water Right	63-3548	N	BROKEN HORN RANCH LP; EMERY, DAN D; EMERY, SCOTT D	GROUND WATER									X							
Water Right	63-5138	N	GARROW, JAMES D	GROUND WATER									X							
Water Right	63-5139A	N	GARROW, JAMES D	DRY CREEK									X							
Water Right	63-5139B	N	BRADY, KATHLEEN; BRADY, MICHAEL G; GARROW, JAMES D	DRY CREEK									X							

no overlap; adjacent lot on Dry Creek.

Overlap Analysis for Permit No. 63-33723 POU

Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWS
Water Right	63-10150	N	BARBER WATER CO INC; CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-10386	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-10391	N	CREAMER, MICHAEL C; SOUTH COUNTY WATER CO; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-10405	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-11558	N	UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-12055	Y	UNITED WATER IDAHO INC	BOISE RIVER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-12363	N	UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-16943	N	MC CONNELL, WALLACE; MC CONNELL, ELSIE; MURPHY, KEN; MURPHY, MARIAN	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-169F	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	BOISE RIVER	DOMESTIC	X			X					X	X	X	X	X	X	X
Water Right	63-19456	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	BOISE RIVER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-22827	N	CAMPBELL, SCOTT L; CREAMER, MICHAEL C; DEVELOPERS OF HIDDEN SPRINGS LLC; GROSSMAN/HIDDEN SPRINGS DEVELOPMENT LLC	GROUND WATER	DOMESTIC	X			X					X	X	X	X	X	X	X
Water Right	63-243E	N	CREAMER, MICHAEL C; SOUTH BOISE MUTUAL IRRIGATION CO LTD; UNITED WATER IDAHO INC	BOISE RIVER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-243H	N	CREAMER, MICHAEL C; SOUTH BOISE MUTUAL IRRIGATION CO LTD; UNITED WATER IDAHO INC	BOISE RIVER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2500	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2506	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2576	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2595	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2605	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2618	N	EAGLESON, MARY C; MURPHY, KENNETH; MURPHY, MARIAN; SHAW, MARIAN E	DRY CREEK	IRRIGATION									X	X	X	X	X	X	X
Water Right	63-2668	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2703	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2808	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2874	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2892	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2915	N	AYRES, MERRILL S; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2954	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2956	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-2989	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-3064	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-3073	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-3105	N	CREAMER, MICHAEL C; HON, WILLIAM A; OVERLAND WATER CO; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-3112	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-3128	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-3160A	N	MURPHY, KENNETH; MURPHY, MARIAN; SHAW, MARIAN E; SMITH, FRANK D; SMITH, MELVIN D	GROUND WATER	IRRIGATION									X	X	X	X	X	X	X
Water Right	63-3160A	N	MURPHY, KENNETH; MURPHY, MARIAN; SHAW, MARIAN E; SMITH, FRANK D; SMITH, MELVIN D	GROUND WATER	STOCKWATER									X	X	X	X	X	X	X
Water Right	63-3164	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-3172	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X			X					X	X	X	X	X	X	X
Water Right	63-31738	N	BULL DEVELOPMENT INC; MEULEMAN, SUSAN; MEULEMAN, WAYNE	DRY CREEK	IRRIGATION									X	X	X	X	X	X	X

[illegible]

Water Right	63-9106	N	CREAMER, MICHAEL C; SOUTH COUNTY WATER CO; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9147	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9198	N	CREAMER, MICHAEL C; SOUTH COUNTY WATER CO; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9199	N	CREAMER, MICHAEL C; SOUTH COUNTY WATER CO; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9204	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9205	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9219	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9223	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9384	N	CREAMER, MICHAEL C; SOUTH COUNTY WATER CO; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9671	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X
Water Right	63-9855	N	CREAMER, MICHAEL C; UNITED WATER IDAHO INC	GROUND WATER	MUNICIPAL	X	X		X	X	X	X	X	X	X	X



Irrigation well located at 43.729761, -116.268571 in the NWSNW of Section 31.



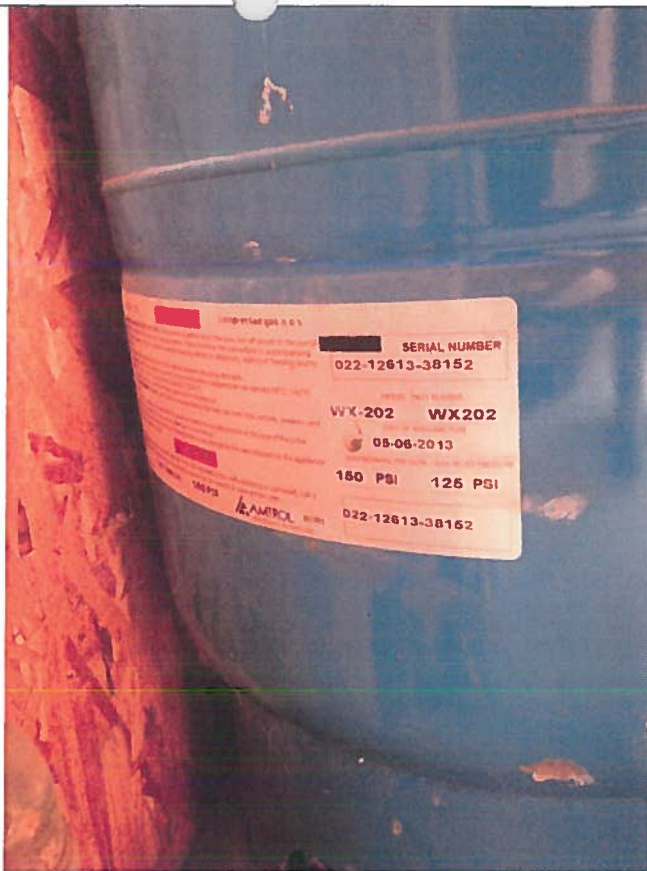
Well tag for the irrigation well. D0064554.



Well pump information. 7.5 hp submersible pump. The pump is assumed to be place between 285' and 295' with the stainless screens.



System operating at 70 psi.



Artrol WellXtrol pressure tank that stores up to 20 gallons of water.



Water pressure regulator located in the northwest corner of the property next to the fence.



Looking north from the back porch area showing the pasture.



Front of the house looking down at the pasture and trees that run along the property boundary.



Front of the house looking
down at the pasture and trees
that run along the property
boundary.