

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 35-14379

Exam Date: 03/28/2016

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
 - a. Irrigation of 5 acres or less
 - b. Storage of up to 14.6 AF for stockwater purposes only
 - c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - d. Other < >
2. Current Owner: Name: Yancey
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N
3. Beneficial Use Fees have been paid: X Y N Receipt No: E041862

4. SOURCE**TRIBUTARY**

Groundwater

Method of Determination: GIS Imagery and well log #D0063363

Change in Source: Y X N**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: POU PIN: RP8266850 & RP8267350; BLK 1 LOT 3 NEW MEADOW II PHASE 1 & BLK 1 LOT 4 NEW MEADOWS III

35-8354, 35-13918, 35-13917 - GROVELAND WATER & SEWER DISTRICT – POU specifically not in 35-13917. Based on more specific POU of 35-13917, POU not receiving delivery by Groveland Water & Sewer District.

35-14409 - Lot 5, Blk. 2, New Meadows II Phase 1 PIN RP8266840

35-7955 – from info in backfile, believe this is for PIN RP0323807, T2S R35E SEC 28 T-9143

35-7956 - PARCEL NOS. RP0323806, RP0323801 PROPERTY ALSO KNOWN AS 367 W 150 N. Property known as 367 W 150 N now has PIN RP0323815 and is in same approximate location as indicated on maps in backfile of 35-7955 and the GIS shape.

35-13628 – Per comments, in Lot 3; New Meadows Subdivision. Unable to find Lot 3; New Meadows Subdivision. per GIS, POU in PIN RP8234700 BLK 2 LOT 1 NEW MEADOWS II PHASE 1

35-12006 - PARCEL NO. RP7017500 PROPERTY ALSO KNOWN AS S½ OF W128' OF LOT 2, BLOCK 3, GROVELAND is in the NESWNW of 02S35E28. Not the NESW of 02S35E28.

35-13087 - RP# 8103001 GIS taxlot has POU in the NWSW of 02S35E28. Not the NESW of 02S35E28. – Unable to verify POD location with no scanned backfile.

35-13536 - Lot 2 of the New Meadows Subdivision PIN RP8234600

35-13919 - Lot 1; New Meadows Subdivision PIN RP8234500

35-14144 -Lot 2, Block 2 of the New Meadows II Subdivision, Phase I PIN RP8266810

35-14239 - Lot 3 & 4, Blk. 2, New Meadow II Phase 1 Subdivision PIN RP8266820 & RP8266830

Riverside Canal Co: There is overlap with several 01 Riverside Canal rights. These are irrigation rights.

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: POD Well #D0063363

35-8354, 35-13918, 35-13917, 35-13750- - GROVELAND WATER & SEWER DISTRICT and Futures of Idaho Inc. in PIN: RP0323805, T2S R35E SEC 28 T-8686 – Well drilled before 1980. Metal tag #E0007278

35-14409 - Lot 5, Blk. 2, New Meadows II Phase 1 PIN RP8266840 #D0068124 – based on priority date

35-7955- from info in backfile, believe POD is in PIN RP0323807, T2S R35E SEC 28 T-9143 (1981 priority date)

35-7956 - per GIS, POD in PIN RP8234700 BLK 2 LOT 1 NEW MEADOWS II PHASE 1, just south of taxlot line of PIN RP0323815, the determined POU location based on backfile 35-7955. (1981 priority date)

35-13628 – per GIS, POD in PIN RP8234700 BLK 2 LOT 1 NEW MEADOWS II PHASE 1 #D0048566

35-12006 - PARCEL NO. RP7017500 PROPERTY ALSO KNOWN AS S½ OF W128' OF LOT 2, BLOCK 3, GROVELAND is in the NESWNW of 02S35E28. Not the NESW of 02S35E28. – Unable to verify POD location with no scanned backfile. Priority date 1906.

35-13087 – GIS taxlot has POU in the NWSW of 02S35E28. Not the NESW of 02S35E28. – Unable to verify POD location with no scanned backfile. Priority date 1945.

35-13536 - Lot 2 of the New Meadows Subdivision PIN RP8234600 #D0033121 per application info

35-13919 - Lot 1; New Meadows Subdivision PIN RP8234500 #D0056829

35-14144 - Lot 2, Block 2 of the New Meadows II Subdivision, Phase I PIN RP8266810 #D0059703

35-14239 - Lot 3, Blk. 2, New Meadow II Phase 1 Subdivision PIN RP8266820 #D0063023

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			NE	SW	28	02S	35E	B.M.	Bingham
								B.M.	

Method of Determination: Well Log GPS

Change in POD? ____Y__X__N Amendment Required? ____Y__X__N

2. PLACE OF USE: Use: Domestic

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02S	35E	28			X														
		Lot #																	
Total Acres =																			

Method of Determination: Buildings visible on GIS Imagery. Looked at Google Earth to verify duplexes.

Change in POU? ____Y__X__N Amendment Required? ____Y__X__N

___ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

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

___ Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

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*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

2. Measurements: < _____ >

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

Per Administrative Memo #22 – 4 homes (internal only) = 0.10 cfs plus yard irrigation. Each Taxlot size = 0.5 acres for a total of 1.0 acre. Of which approximately ½ is irrigated yard. 0.5 acres * 0.03 cfs = 0.015 rounded to 0.02 cfs for irrigation.

Total: 0.10 cfs for internal domestic plus 0.02 cfs for external domestic = 0.12 cfs

Permit allowed = 0.12 cfs domestic

License recommend for 0.12 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

License Recommended: N/A – Volume Limiting Condition.

G. PURPOSE OF USE

Irrigation _____N # Stock _____ Domestic # of Homes _____4_____

Other: Fire Protection

Change in Purpose of Use? _____Y _____X _____N

Method of Determination: Home visible on GIS Imagery.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

Irrigation:

Headgate Requirement: 4.0, Consumptive Use: 3.0, Season of Use: 04/01 to 10/31

Water District: 120

Groundwater Management Area: Bingham

--Domestic use which is exempt (42-111)

Non Trust Area

--No Consumptive Use (42-111)

Conditions:

X59 Point of diversion is located within Lot 3, Blk. 1, New Meadows II Phase 1.

X04	Domestic use is for 2 townhomes (4 units).
071	The domestic use authorized under this right shall not exceed 13,000 gallons per day per unit.
070	The irrigation occurring under this domestic use shall not exceed 1/2 acre within each platted subdivision lot upon which a home has been constructed. This right does not provide for irrigation of common areas or for irrigation of lots upon which homes have not been constructed.
X60	Place of use is located within Lot 3, Blk. 1, New Meadows II Phase 1 and Lot 4, Blk 1, New Meadows III.

Have conditions of permit approval been met? ☒ Yes ☐ No

I. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 to 12/31	0.12 CFS	N/A AF
	<u>Totals:</u>	0.12 CFS	Volume Limiting Condition

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

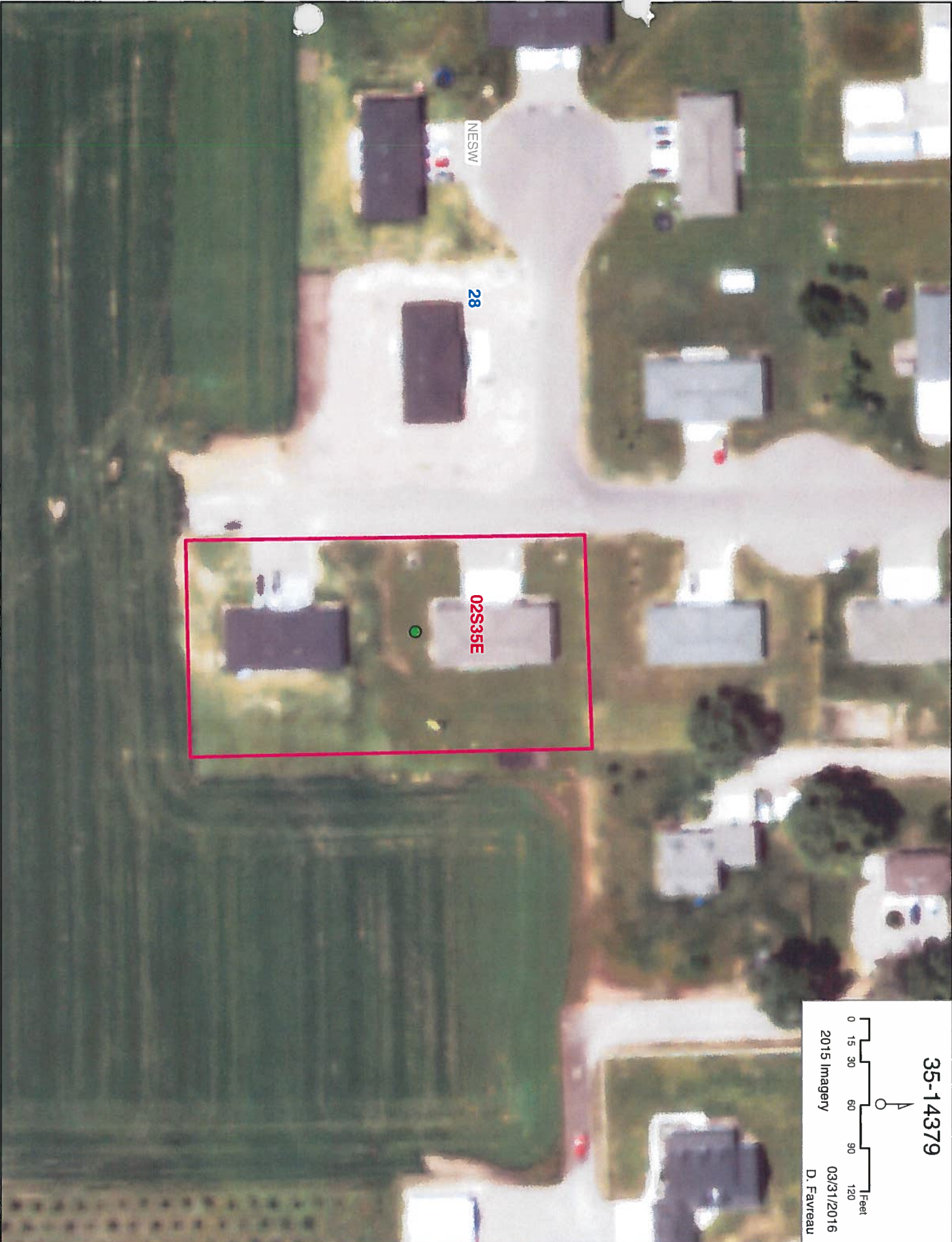
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

Other:

J. AUTHENTICATION

Field Examiner's Name Donelli Funn Date 03/31/16

Reviewer _____ Date _____



35-14379



0 15 30 60 90 120 Feet

2015 Imagery 03/31/2016

D. Favreau

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D D0063363

Drilling Permit No _____

Water right or injection well # 35-14379

2. OWNER: LYLE YANCEY

Name LYLE YANCEY

Address 143 NORTH 360 WEST

City BLACKFOOT State IDAHO Zip 83221

3. WELL LOCATION:

Twp. 2 North ☐ or South ☒ Rge. 35 East ☒ or West ☐

Sec. 28 1/4 NE 1/4 SW 1/4

Gov't Lot _____ County BINGHAM

Lat. 43 ° 13.00987 (Deg and Decimal minutes)

Long 112 ° 22.13425 (Deg and Decimal minutes)

Address of Well Site 137 NORTH 365 WEST

City BLACKFOOT

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection
☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
BENTONITE	0	40	1850LBS	OVERBORE

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2	43	250	STEEL	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 43'

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
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Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
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11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) _____ Static water level (ft) 58'

Water temp. (°F) _____ Bottom hole temp. (°F) _____

Describe access port WELL HEAD

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
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Test method:

Pump	Bailer	Ar	Flowing artesian
☐	☐	☐	☐

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
10"	0	5	TOPSOIL		X
10"	5	34	GRAVEL & SAND		X
10"	34	37	GRAVEL & BROWN CLAY		X
10"	37	42	BROWN CLAY		X
10"	42	43	SOFT LAVA ROCK		X
6"	43	79	LAVA ROCK	X	
6"	79	81	LAVA CINDERS	X	
6"	81	97	LAVA ROCK	X	
6"	97	102	FRACTURED LAVA	X	
6"	102	109	LAVA ROCK	X	
6"	109	114	FRACTURED LAVA	X	
6"	114	125	LAVA ROCK	X	

RECEIVED

MAY 14 2014

Department of Water Resources
Eastern Region

Completed Depth (Measurable) 125'

Date Started 04/24/2014 Date Completed 04/25/2014

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name VOLLMER WELL DRILLING Co. No. 383

*Principal Driller _____ Date 04/28/2014

*Driller _____ Date 04/28/2014

*Operator II Jacy Villanar Date 04/28/14

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required