

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 23-11226
Exam Date: 11/17/2016

1. Current Owner:
RICHARD BARNHARD
PO BOX 34
IRWIN ID 83428
(208) 483-0013
2. Accompanied by: None
Phone No:
Address:
Relationship to Permit Holder:

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

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 23-7021 irrigation; 23-50E, 23-104, 23-57, 23-44, 23-50D Palisades Irrigation Company
2. Other water rights with the same point-of-diversion: None

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NW¼SW¼ Sec. 16, Twp 01N, Rge 44E, B.M. BONNEVILLE County

Method of Determination: Garmin GPS location.

2. 8 inch well with pressure tank and connected line to lots 1 and 2 with stub from well for lots 3 and 4.

PLACE OF USE: DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	44E	16										X							

Method of Determination: Tax lot data, field visit, and aerial imagery.

Well Tag: D0026754

3.
 - ☒ Delivery System Diagram Attached (required). Indicate all major components and distances between components.
 - ☒ Indicate weir size/pipe as applicable.
 - ☒ Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
 - ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
 - ☒ 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
N/A					

D. FLOW MEASUREMENTS

1. N/A

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A						

2. Measurements: Not required for Domestic Use <0.24 cfs

E. FLOW CALCULATIONS

Measured Method:

_____ Additional Computation Sheets Attached

Using

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A, Domestic

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$

Rate:

In-house culinary = 0.10 cfs (4 homes)
 outside use = 0.02 cfs (1 acre irrig.)
0.12 cfs

2. Volume Calculations for Other Uses:

0.6 Acre feet per residence x (4) = 2.4 Acre Feet. Lawn Demand 0.6 Acre Feet per duplex = 1.2 Acre Feet

Total Volume = 3.6 Acre Feet

G. NARRATIVE/REMARKS/COMMENTS

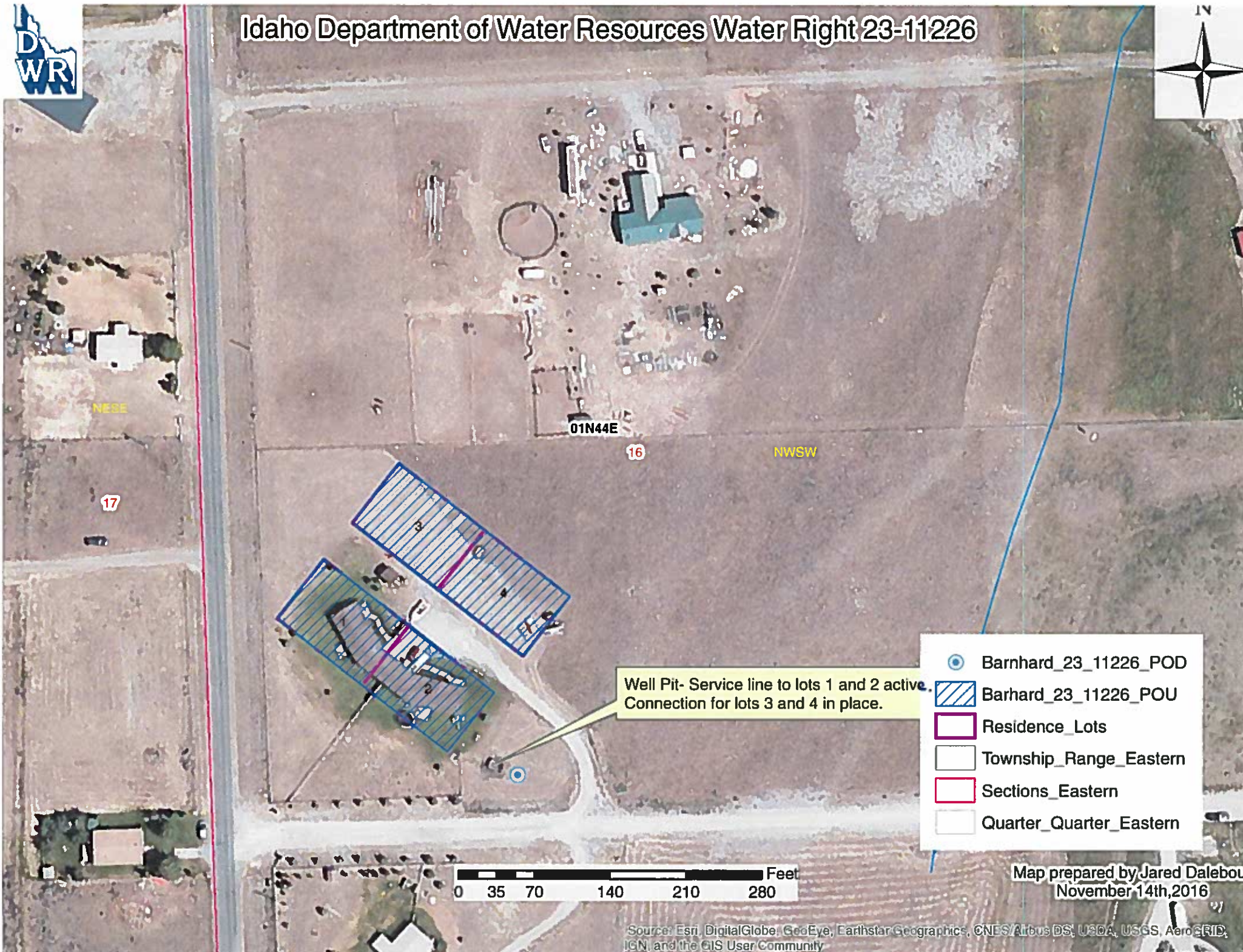
Field report conducted November 17, 2016.

8 inch well with pressure tank and connected line to lots 1 and 2 with stub from well for lots 3 and 4.

Have conditions of permit approval been met? ☒ Yes ☐ No**H. RECOMMENDATIONS****1. Recommended Amounts**BENEFICIAL USE
DOMESTICPERIOD OF USE
01/01 to 12/31DIVERSION RATE
0.12 CFSANNUAL VOLUME
3.6 ACRE FEETTotals: 0.12 CFS**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**I. AUTHENTICATION**Field Examiner's Name Jared Dalebout Date 11/23/2016Reviewer James Cefalo Date 12/2/16



Idaho Department of Water Resources Water Right 23-11226



Well Pit- Service line to lots 1 and 2 active.
Connection for lots 3 and 4 in place.

- Barnhard_23_11226_POD
- ▨ Barnhard_23_11226_POU
- ▭ Residence_Lots
- ▭ Township_Range_Eastern
- ▭ Sections_Eastern
- ▭ Quarter_Quarter_Eastern

0 35 70 140 210 280 Feet

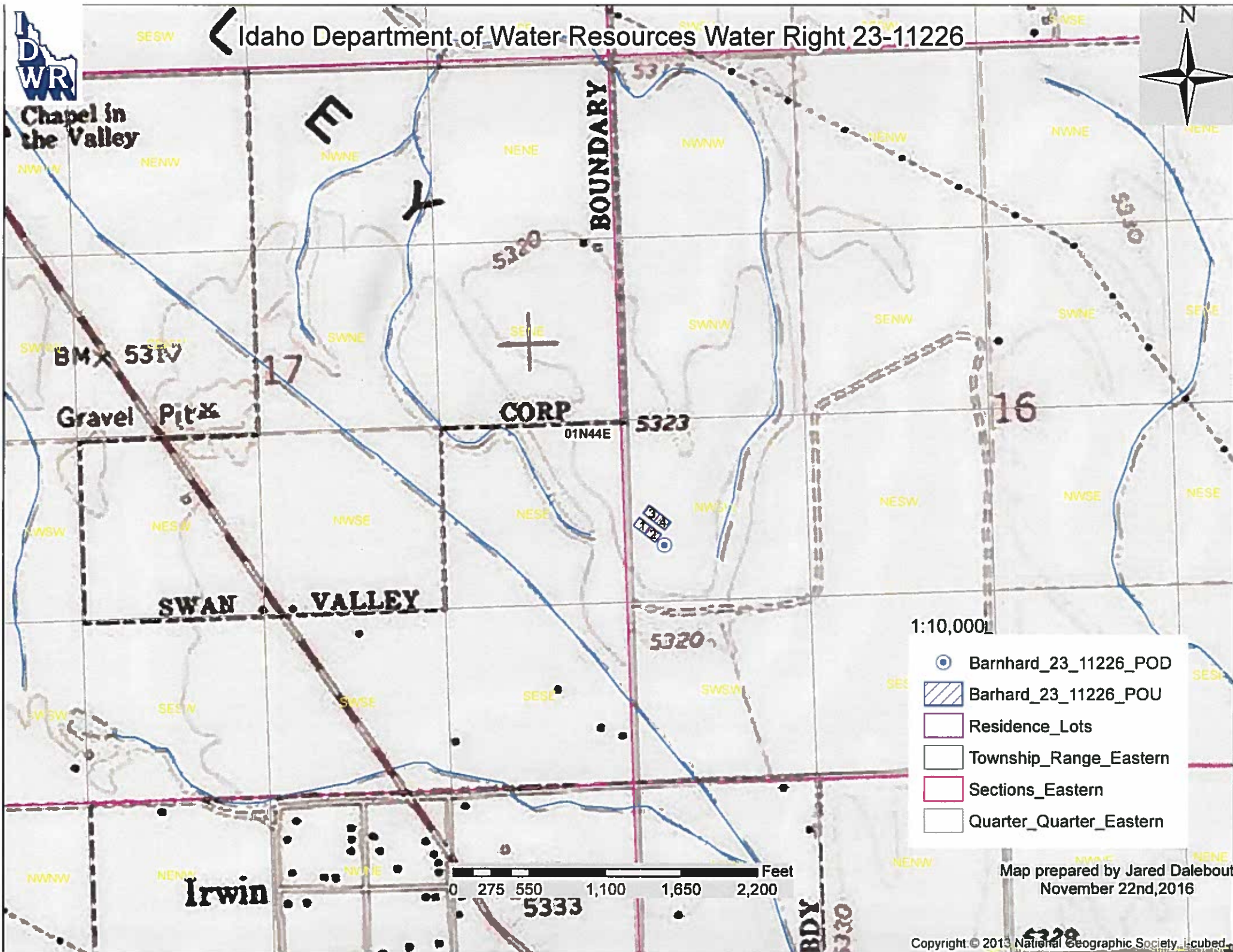
Map prepared by Jared Daleboud
November 14th, 2016

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Chapel in the Valley

Idaho Department of Water Resources Water Right 23-11226



1:10,000

- Barnhard_23_11226_POD
- ▨ Barnhard_23_11226_POU
- ▭ Residence_Lots
- ▭ Township_Range_Eastern
- ▭ Sections_Eastern
- ▭ Quarter_Quarter_Eastern

0 275 550 1,100 1,650 2,200 Feet

Map prepared by Jared Dalebout
November 22nd, 2016

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13-11226- View of Well and
POU



23-11226
Well TAG
D0026754



21-11226- View of well pit and distribution line.
Connected to lot 1 and 2. Stub for lots 3 and 4.



23-11226 View of POU of Lot 1- Rainbow
Ridge Subdivsion

SCANNED
DEC 06 2016

