

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-10028

Exam Date: 7/28/2014

1. Current Owner: ARTHUR M KRUCKMAN
PO BOX 132
ATHOL ID 83801
(208)819-6931

And/Or

JEAN A KRUCKMAN
PO BOX 132
ATHOL ID 83801
(208)819-6931

2. Accompanied by: ARTHUR KRUCKMAN

3. **SOURCE****TRIBUTARY**

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW1/4SE1/4 Sec. 5, Twp 53N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS AND MAPS

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
53N 03W 5															X		

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
53N 03W 5															1.0		1.0

Total Acres: 1

Method of Determination: Aerial photography, Bing Maps and Arc Map Data.

Diversion

D. FLOW MEASUREMENTS

Flow measurement not required as per IDAPA RULE 37.03.02.035.01.r.iii.

E. FLOW CALCULATIONS

The diversion rate for this domestic right is limited to 0.04 cfs or 18 gpm.
The diversion rate for this irrigation right is limited to 0.03 cfs or 13.5 gpm.

F. VOLUME CALCULATIONS

The annual volume for this domestic right is limited to = 0.6 AF.
The annual volume for this irrigation right is limited to = 3.0 AF.

G. NARRATIVE/REMARKS/COMMENTS

DOMESTIC 1 HOME, IRRIGATION OF 1 ACRE

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

H. 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	0.020 CFS	0.60 AF
IRRIGATION	04/01 to 10/31	0.030 CFS	3.00 AF
<u>Totals:</u>		0.050 CFS	3.60 AF

2. Recommended Amendments

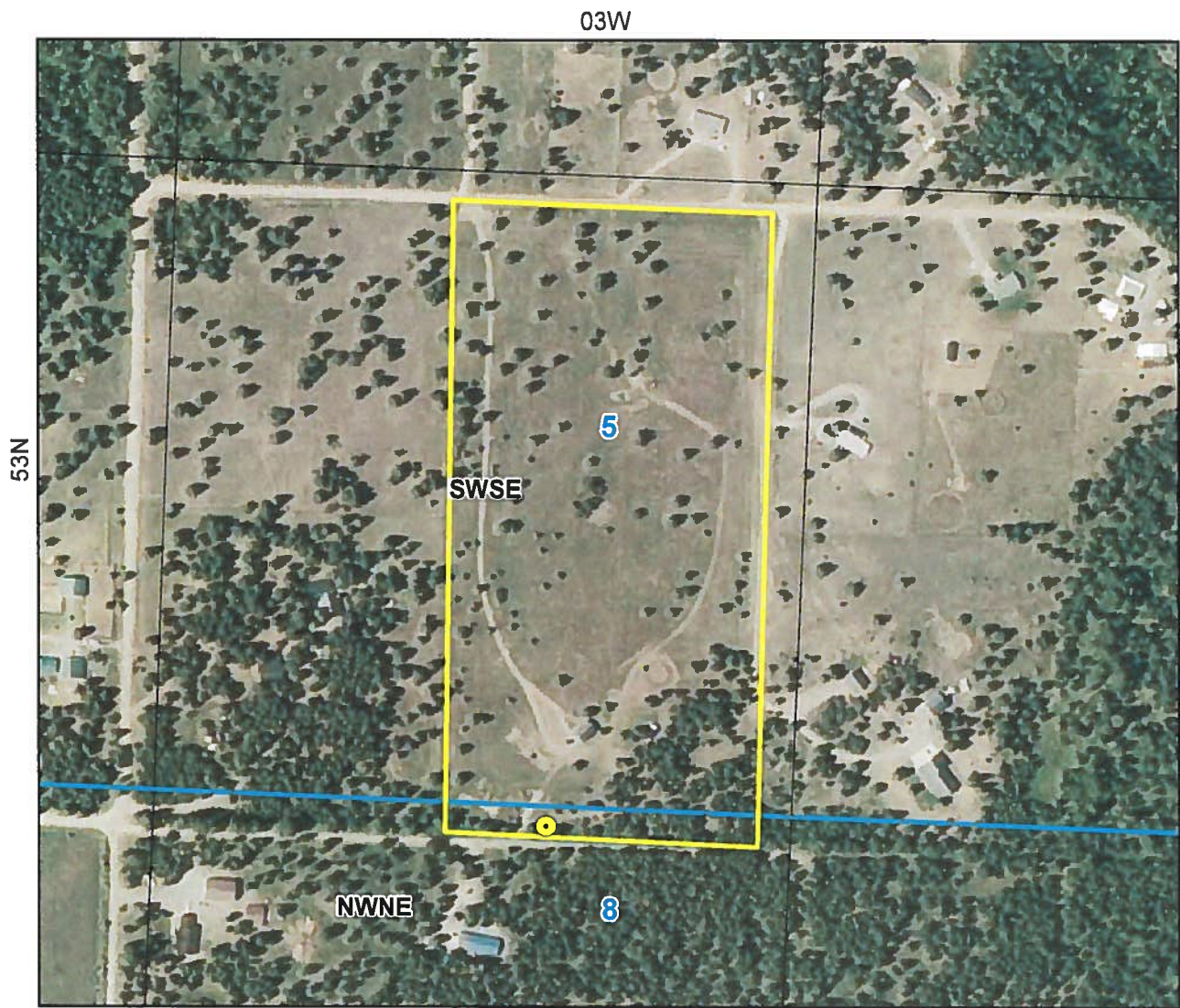
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Eric J. Pearson Date 12-11-2014
Reviewer Adam Fastick Date 12-11-2014

State of Idaho
Department of Water Resources
Water Right License
95-10028



- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.045 0.09 0.18 Miles



IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only			
Well ID No.			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat	:	Long	:

1. WELL TAG NO. D 0033559
 DRILLING PERMIT NO. 811446
 Water Right or Injection Well No. _____

2. OWNER:
 Name George Durrin
 Address 3200 N. Sheep Springs Rd.
 City Athol State ID Zip 83801

3. LOCATION OF WELL by legal description:
 You must provide address or Lot, Blk, Sub. or Directions to well.
 Twp. 53 North ☒ or South ☐
 Rge. 3 East ☐ or West ☒
 Sec. 5 1/4 SW 1/4 SE 1/4
 Gov't Lot _____ County Kootenai
 Lat: 47 : 57: 748 Long: 116: 43 : 644 WGS 84
 Address of Well Site Rosebud past Sheep Springs
 City Athol
 (Give at least name of road - Distance to Road or Landmark)
 Lt. _____ Blk. _____ Sub. Name _____



4. USE:
☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:
☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
Bentonite	0	18	250#	dry granular

Was drive shoe used? ☐ Y ☒ N Shoe Depth(s) _____
 Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	523	250	Steel	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____
 Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation _____

From	To	Sit Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

460 ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices: _____

12. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian			
Yield gal./min.	Drawdown	Pumping Level	Time
50+			5 hrs

Water Temp. _____ Bottom hole temp. _____
 Water Quality test or comments: cold & Clear

Depth first Water Encounter 516

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
10	0	18	Gravel, boulders			
8	18	63	Gravel, cobbles			
	63	121	Gravel, fine			
	121	153	Gravel, coarse			
	153	171	Cobbles			
	171	173	Boulder			
	173	188	Gravel, fine			
	188	219	Gravel, with fines			
	219	240	Cobbles			
	240	278	Gravel, coarse			
	278	280	Boulder			
	280	295	Cobbles, very coarse			
	295	310	Gravel, medium w/fines			
	310	340	Gravel, fine			
	340	378	Gravel, medium			
	378	424	Gravel, coarse			
	424	448	Gravel, fine w/sand			
	448	465	Gravel, fine w/brown silt			
	465	480	Gravel, medium, silt			
	480	498	Gravel, fine w/sand, silt			
	498	516	Sand, coarse, w/sand			
	516	523	Gravel, fine			x

RECEIVED

APR - 7 2004

IDWF North

Completed Depth 523' (Measurable)
 Date: Started 3/12/04 Completed 3/13/04

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 McCarthy Drilling & Pump Inc Firm No. 586

Principal Driller [Signature] Date 3-17-04

Driller or Operator II _____ Date _____

Operator I [Signature] Date 3-17-04

Principal Driller and Rig Operator Required.
 Operator I must have signature of Driller/Operator II.

53N 3W 5

FORWARD WHITE COPY TO WATER RESOURCES



95-10028



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