

[illegible]

Method of Determination:

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.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
96-93-N-316-000	FRANKLIN	1	2801084910		

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: THEORETICAL PUMPING EQUATION ESTIMATES $(1 \text{ HP})(8.8)(0.8) / 403 + (40 \times 2.3087) = 0.01$
 CFS. ASSUMED PSI AT 40 AND PUMP SET 403 FEET.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

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

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses: 10 HEAD OF MIXED STOCK X 12 GPD X 365 DAYS / 325,850 GAL/AF = 0.1 AF

DOMESTIC USE FOR 1 HOME AND IRRIGATION UP TO ½ ACRE = 1.2 AF

G. NARRATIVE/REMARKS/COMMENTS

IDWR STAFF ATTEMPTED TO MAKE CONTACT WITH OWNER TO SCHEDULE FIELD EXAM, NO RESPONSE WAS RECEIVED. FIELD EXAMINER WAS GOING TO CONDUCT DRIVE BY EXAM AND ATTEMPTED ONE LAST CALL TO MAKE CONTACT WITH LAND OWNER. OWNER ANSWERED AND GAVE PERMISSION TO CONDUCT FIELD EXAM BECUASE RENTER WAS AT WORK AND NOBODY WAS HOME. EXAM SHOWED WELL THAT 1 HP PUMP WITH 3K STORAGE TANK. FIELD EXAMINER OBSERVED ONLY SMALL AMOUNTS OF IRRIGATION OCCURING AROUND HOUSE. STOCK WAS PRESENT AND WILL BE GIVEN 0.1 AF. IRRIGATION WILL BE REMOVED BECUASE OLD AERIAL PHOTOS SHOW NO LARGE AMOUNTS OF IRRIGATION. LICENSE WILL BE CHANGED TO DOMESTIC WITH UP TO 1/2 ACRE OF IRRIGATION WITH AN ANNUAL VOLUME OF 1.2 AF. THEORETICAL PUMPING EQUATION ESTIMATES FLOW AT 6.4 GPM OR 0.01 CFS.

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	0.010 CFS	1.20 AF
STOCKWATER	01/01 to 12/31	0.010 CFS	0.10 AF
<u>Totals:</u>		0.010 CFS	1.30 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

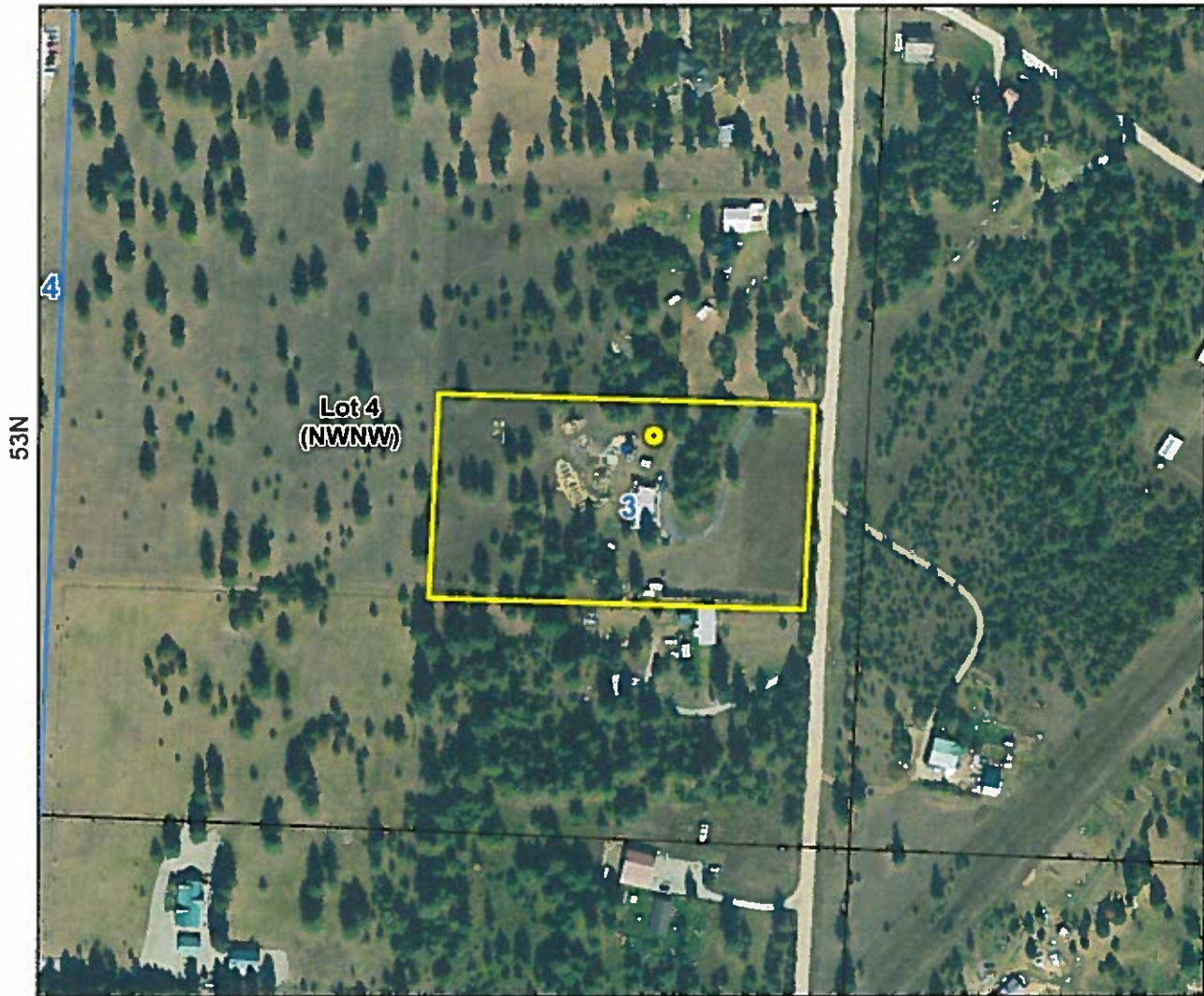
I. AUTHENTICATION

Field Examiner's Name Adam Funder Date 1-12-2016

Reviewer Eric Funder Date 1-13-2016

State of Idaho
Department of Water Resources
Water Right License
95-10232

03W



53N

0 0.035 0.07 0.14 Miles

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



PUMP EQUATIONS WATER RIGHT No. 95-10232						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	$\frac{HP \times 8.8 \times \text{Eff}}{H}$	1	$\frac{495.51}{7}$	0.8	403	40
Q = 0.014 cfs 6.4 gpm						

Use Typewriter
or
Ball Point Pen

1. DRILLING PERMIT NO. 96 93 N. 316 000
Other IDWR No. _____

2. OWNER: RICK FRANGIONE
Name _____
Address _____
City _____ State _____ ID No. 83801

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



T. 53 North ☒ or South ☐
 R. 03 East ☐ or West ☒
 Sec. 03 1/4 1/4 1/4 NW 1/4
 Gov't Lot _____ County Kootenai

Address of Well Site COUNTY RD

(Give at least Direction + Distance to Road or Landmark)

Lot No. _____ Block No. _____ Subd. Name _____

4. PROPOSED USE:

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

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	0	60	4SACKS	POURED IN

Was drive shoe seal tested? ☒ YES ☐ NO How? DROVE ON

8. CASING/LINER:

Diameter	From	To	Gauge	Casting	Linear	Steel	Plastic	Welded	Threaded
6"	+2	417	250			☒	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoes 417

Top Packer or Headpipe _____ Bottom Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method DOWN HOLE PERFORATIONS
☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Yale Pipe Size	Casting	Live
895	412	.25x2"	500			Ø	☐
						□	☐
						□	☐
						□	☐
						□	☐

SE NW 3 S3N 3W

10. WELL TESTS:

☐ Pump ☐ Boiler ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Depth	Time
30+			

Temperature of water _____ Was a water analysis done? Yes ☐ No ☐

By whom? _____

Water Quality (odor, etc.) _____

Bottom Hole Temperature _____

11. STATIC WATER LEVEL:

354 ft. below surface Depth artesian flow found _____
 Artesian pressure _____ lb. Describe access port WELD ON CAP
 Describe Controlling Devices: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

13. DRILLER'S CERTIFICATION

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

Firm Name H2O WELL SERVICE INC Firm No. #448

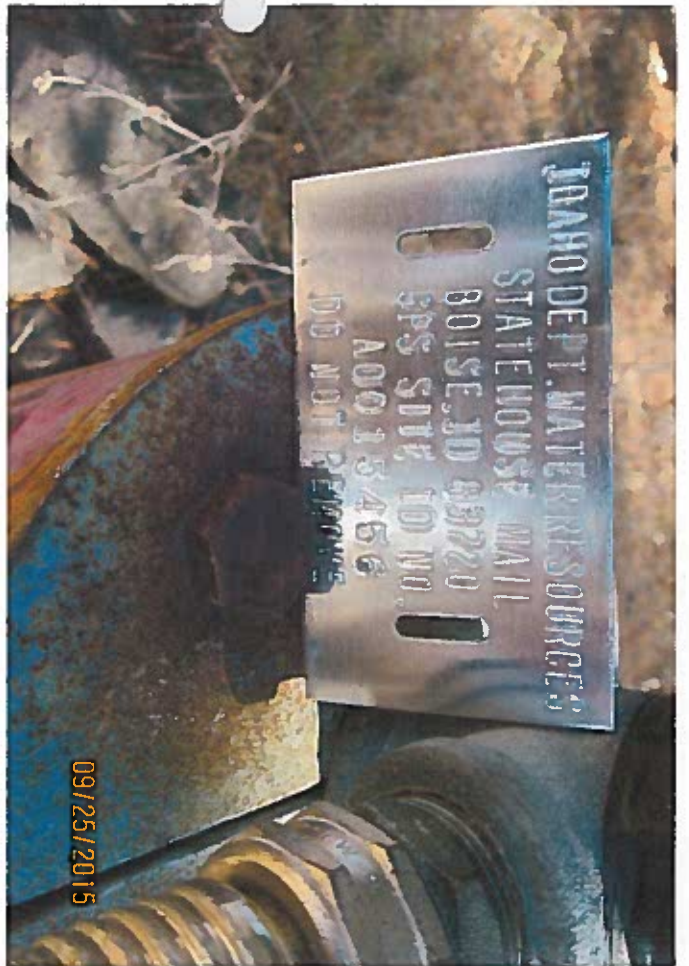
Firm Official Denton 4/6/93 Date 12-7-93

and
Supervisor or Operator *E. S. H.* Date *12-7-9-*

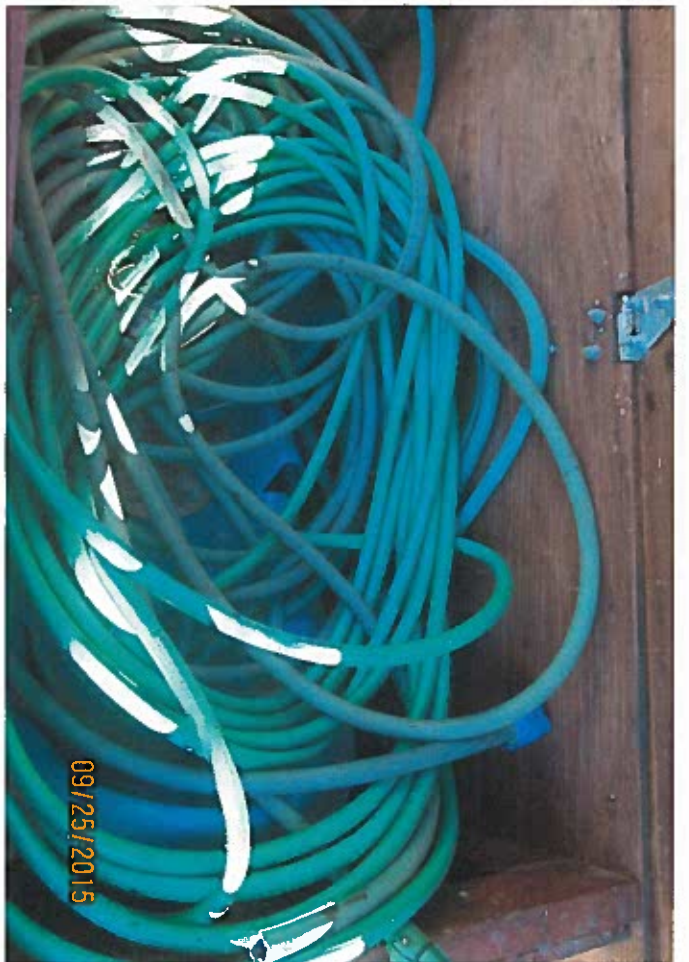
Sign once if Firm Officer & Operator

FORWARD WHITE COPY TO WATER RESOURCES

RAY ID 158,930
 WEI ID 332600



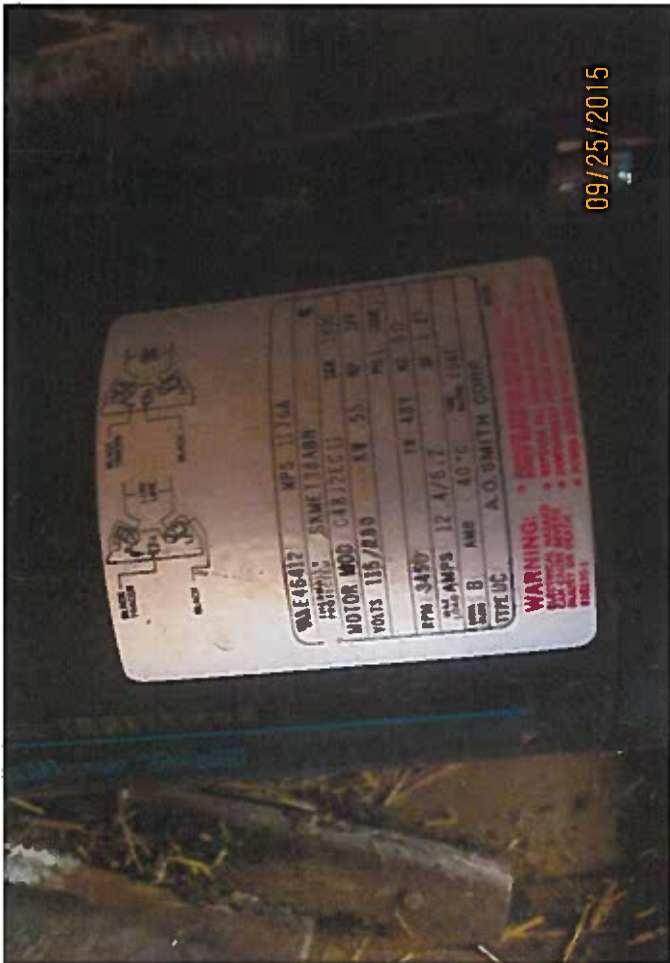
09/25/2015



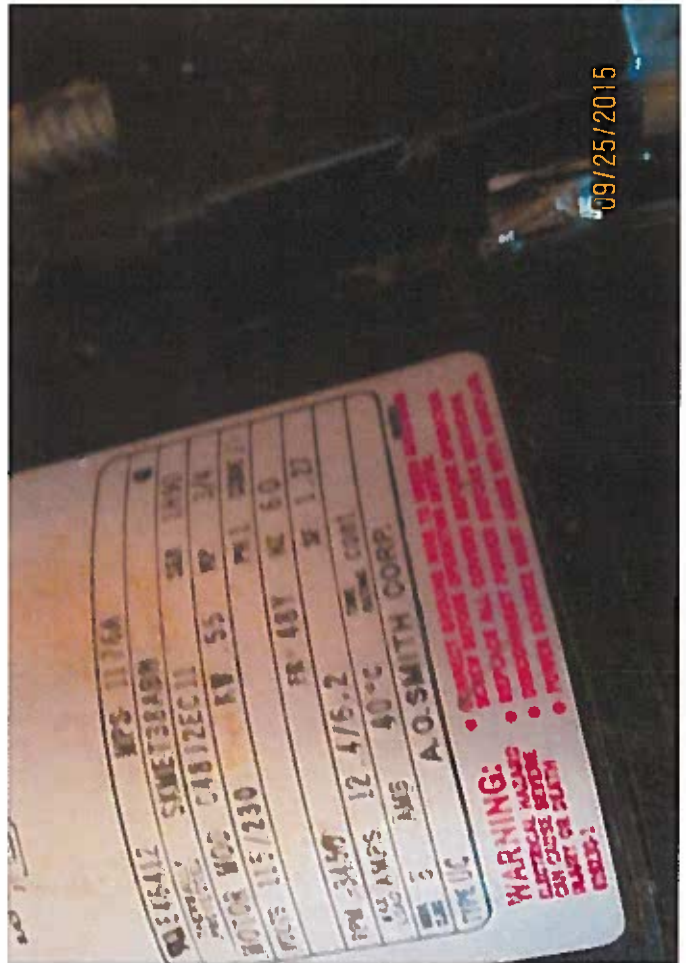
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