

FIELD EXAM CHECKLIST
 PERMIT # 63-32641 STAFF Justin Shear DATE 9-16-16
PREPARE LICENSING FILE (Left side)

- ☒ Copy of permit approval & proof report (place on top)
☒ Copy of original application for permit
☒ Copy of Proof of Beneficial Use Exam fee required \$ _____ Exam fee paid \$ _____
☒ Copies of any Amendments/Assignments/Ownership Docs

EXAM PREPERATION (Right side)

- ☒ Blank Beneficial Use Field Report form
☒ Aerial photo (system diagram map to be completed with permit owner)
☒ Well log (attach to field exam)

 Conditions: Measuring device requirements? _____ Installed? _____
 Other (supplemental conditions, limits, etc.)? _____

 Overlap: POD? NO
 POU? YES, Current owner's permitted acres overlap w/ prior owner's 11 acres
OwnershipTaxlot / ID SOS match? YES

If new owner, collect Assignment of Permit form / Ownership Change form in field.

EXAM APPOINTMENT N/A owner or rep phone #? _____
Owner or rep will be present at exam (someone familiar with system)¹?Exam date/time/place? 9/16/16 IDWR Western Regional Office

If cannot get from web or other references: directions to site? approx driving time from office?

System on/operating normally during exam (not always required)?

SYSTEM INFO**Pump Diversion**

Approx HP?

Owner can provide pump curve?

Pump set or lift?

Approx operating psi?

Approx mainline pipe diameter?

Approx # sprinklers? Nozzle size?

Gravity Flow

Ditch capacity?

Weirs or Flumes installed?

Special Remarks:**POST FIELD EXAM**

- ☒ Exam date data entered
☒ Ad Hoc data entry & license shapes
☒ Exam file prepared – see N:\WR Field Exams\LicenseFileOrganization
☐ Licensing amendments required _____ If so, received?
☒ Draft license & WR Layout maps **OR** _____ Void permit

¹ OK to do exam w/o anyone present if owner agrees in advance, provides info so you can find p/d, how system works, how recognize p/u etc. Usually limited to small systems – spring/creek/well for cabins, few acres irrigation, minor stockwater/wildlife/recreation etc.

IN-OFFICE BENEFICIAL USE FIELD REPORT

Permit No: 63-32641

Examiner: Justin Shearer

Date: 9/19/16

In-office qualification (IDAPA 035.01.r): ☒ Irrigation ≤ 5 acres
☐ Stockwater storage ≤ 14.6 af
☐ Combined diversion rate not irrigation or stock ≤ 0.24 cfs

Current Owner Name: John and/or Kimberly Barinaga Address: 4915 S Whitley Dr. Fruitland, ID 83619

Beneficial Use Fee Paid: \$50.00 Receipt: C092247

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
07N	05W	20	X															

Method of Determination: Obtained well driller's report

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	
07N	05W	20	1.1																1.1

Method of Determination: Aerial photos and ArcMap GIS tools

POU change? ☒ N ☐ Y

Purpose of Use: Irrigation

Purpose change? ☒ N ☐ Y

Method of Determination: Evidence of irrigated land found on property

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

Update required on license? ☒ N ☐ YOverlap Review POD overlap? ☒ N ☐ Y WR's:Analysis Attached ☒ Comments: 1 other existing WR within same QQ, but different source.POU overlap? ☐ N ☒ Y WR's: 63-8311

Comments: The current owner's taxlot overlaps with 63-8311 from previous land owner. POU overlap WR 63-8311 is from a different source but acres are pertinent to 63-32641.

Diversion Rate Permitted Rate: 0.060 cfs BU Standard Limit: 0.04 cfs
 BU Fee Limit: 0.20 cfs Theoretical (optional): cfs
Recommended Total Div Rate: 0.04cfs

Annual Volume

For Irrigation: 0.04 cfs x 1.9835 x 260 days = 20.6 af
 1.1 acres x 4.5 af/ac (FHR) = 5.0 af
 Smaller of two volumes = 5.0 af

For other uses: None

IN-OFFICE BENEFICIAL USE FIELD REPORT

Recommended Amounts

Beneficial Use	Season of Use	Diversion Rate (cfs)	Annual Volume (af)
Irrigation	03/01-11/15	0.040	5.0

Totals

0.040 cfs

5.0 af

Amendments Required

☐ Change P.D.

☐ Add P.D

☒ None

☐ Change P.U.

☐ Add P.U.

☐ Other:

Conditions: Removed condition 26A for licensing. Condition 121 updated to 103 as per licensing procedure. Added condition X35 for POU overlap to limit combined use so as not to exceed 11 acres. Added condition R69 - generic Irrigation rate and volume limit. Kept 004 because unable to determine exact well location.

Have conditions of permit been met? ☒ Y ☐ N

Narrative: Permit 63-32641 authorized the diversion of 0.060 CFS from ground water for irrigation use. Based on the small permitted diversion rate and POU, this active water permit qualifies for an in-office field exam. The exam was completed on Sept. 19th, 2016 by WRA Justin Shearer.

Legal descriptions of POU & POD were used to locate the property in the name of Barinaga. Aerial photography and ArcMap GIS tools were used to measure the area of development and irrigated land. ArcMap tools calculated an area of 1.1 acres of irrigable land on said property. The permit allowed for the irrigation of 2.5 acres and there is no evidence to suggest that the amount of irrigated land is greater than the permitted amount.

Condition X35 was added to account for POU overlap with existing WR's from prior ownership of respective property.

No POD overlap was found. However, POU overlap was overlooked in the permitting process allowing the permissal of primary, rather than supplemental use for this respective right. Owner Barinaga was contacted by phone on 9/19/16 to confirm that the respective source is his primary source for irrigation and not supplemental to any other source for this particular beneficial use.

Workflow

Exam Date Entered ☒
 POU/POD shapes ☒
 Combined Rights Entry ☒
 Wild & Scenic Entry ☐
 Draft License and Map ☒
 Other:

Supporting Documents

Aerial Photograph ☒ Well Log ☒
 Photographs ☐ Diagrams ☐
 LandSat ☐ Theoretical ☐
 Other:
 Site Visit ☐ Date:

07N05W20		Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
BasinSequence	Owner																			
Mar-21	HENGGELER, GERALD J; HENGGELER, ROBERT M	SHAKE RIVER	IRRIGATION		30	2														40
63-21846	HENGGELER, GERALD J; HENGGELER, ROBERT M	HURD GULCH CREEK	IRRIGATION	27	31	5	16	8												87
63-2322	UNITED STATES OF AMERICA ACTING THROUGH	ELIJAH SLOUGH	IRRIGATION			X										X			X	
63-2322	UNITED STATES OF AMERICA ACTING THROUGH	WILSON SLOUGH	IRRIGATION				X									X			X	
63-2878	BLACK CANYON IRRIGATION DIST	ELIJAH DRAIN	IRRIGATION				X									X			X	
63-2878	BLACK CANYON IRRIGATION DIST	WILSON DRAIN	IRRIGATION				X									X			X	
63-30028	LEMONS, LARRY H; TESNOHLIDEK, BARBARA; TESNOHLIDEK, DWAIN E A	SPRING	IRRIGATION			0.3	8.5										13		3.2	25
63-30028	LEMONS, LARRY H; TESNOHLIDEK, BARBARA; TESNOHLIDEK, DWAIN E A	SPRING	WILDLIFE													X			X	
63-30031	LEMONS, LARRY H; TESNOHLIDEK, BARBARA; TESNOHLIDEK, DWAIN E A	SPRING	DOMESTIC				X													
63-30032	LEMONS, LARRY H	GROUND WATER	DOMESTIC				X													
63-32641	BARINAGA, JOHN; BARINAGA, KIMBERLY	GROUND WATER	IRRIGATION	2.5																2.5
63-8311	HENGGELER, GERALD J; HENGGELER, ROBERT M	SPRINGS	IRRIGATION	11																11
65-2433	UNITED STATES OF AMERICA ACTING THROUGH	PAYETTE RIVER	IRRIGATION				X									X			X	
65-2900	BLACK CANYON IRRIGATION DIST	TUNNEL NO 2 DRAIN	IRRIGATION				X									X			X	

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Form 238-7
6/02IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

844791

Office Use Only

Well ID No. 414948
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 1/4 1/4
Lat. _____ Long _____1. WELL TAG NO. D 0047380
DRILLING PERMIT NO. _____
Water Right or Injection Well No. _____

2. OWNER:

Name John Barinaga
Address 700 West Idaho Ave
City Dartmouth State OR Zip 97914

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 7 North ☒ or South ☐
Rge. 5 East ☐ or West ☒
Sec. 20 1/4 NE 1/4 SE 1/4
Govt Lot _____
County Malheur State OR
Lat. : : Long. : :
Address of Well Site 4915 South Whitby Rd
City Prineville(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	20	650	Temp Casing Over bore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 100'Was drive shoe seal tested? ☒ Y ☐ N How? Blow Dry

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Dreaded
6	1	100	1.315	Steel	☒	☐	☒	☐
4.5	17	130	1.315	PVC	☐	☒	☒	☐

Length of Headpipe 93 Length of Tailpipe 1Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method _____

Screen Type & Method of Installation Sealed PVC / Lowered

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
107	127	.020		4.5	PVC	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
Colorado Silica	17	130	2300	Tremy

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

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

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
30		110	6 min.

Water Temp. 61° Bottom hole temp. _____

Water Quality test or comments: _____

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
10	0	30	Brown Clay			
6	30	90	Sand + Gravel			
6	90	105	Blue Clay			
6	105	130	Medium + Fine Sand			

RECEIVED

DEC 04 2005

WATER RESOURCES
WESTERN REGIONCompleted Depth 126 (Measurable)Date Started 11-9-06 Completed 11-14-06

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 Dallas Drilling Firm No. 445Principal Driller Steve J. J. Date 12-01-06

Driller or Operator II _____ Date _____

Operator I _____ Date _____

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

FORWARD WHITE COPY TO WATER RESOURCES