

Memo

Date: October 18, 2011
To: Sandy Hemenway
From: Craig L. Saxton
Re: License 85-15443 review

It looks like 85-15443 falls almost completely within the POU for 85-15454 except for 1.4 acres.



85-15443 wasn't permitted for supplemental nor did Baldwin identify it as supplemental. In addition the part of the POU is outside of the POU for 85-15454 lends to this being a primary right. Because of this we need to add a max diversion volume for 85-15443. We also need a combine use limit between the two rights:

X35: Rights 85-15443 and 85-15454 when combined shall not exceed a total diversion rate of 0.23 cfs and the irrigation of 11.4 acres.

Max diversion volume = (7 ac)(4 AF/a) = **28 AF**

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT1. WELL TAG NO. D 0039895
DRILLING PERMIT NO. 229438
Water Right or Injection Well No. _____

2. OWNER:

Name Steve Kirkham
Address 29868 Hwy 12
City Juliaetta State ID Zip 83535

3. LOCATION OF WELL by legal description:

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

Twp. 37 North ☒ or South ☐
Rge. 3 East ☐ or West ☒
Sec. 34 1/4 NE 1/4 SW 1/4
Gov't Lot _____ County Nez PerceLat: _____ Long: _____
Address of Well Site 29868 Hwy 12

(Give at least name of road + distance to Road or Landmark)

City Juliaetta
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
<u>Bentonite</u>	<u>0</u>	<u>32</u>	<u>650#</u>	<u>Top Pour</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 32 ft.Was drive shoe seal tested? ☒ Y ☐ N How? Air Pressure

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>8"</u>	<u>+2</u>	<u>-32</u>	<u>250</u>	<u>Steel</u>	☒	☐	☒	☐
<u>6"</u>	<u>-20</u>	<u>-160</u>	<u>250</u>	<u>LINEX</u>	☒	☒	☒	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method MACHINE SHOT

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>-160</u>	<u>-180</u>	<u>1/4x6</u>	<u>50</u>	<u>6"</u>	<u>Steel</u>	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

40 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

Top of casing37' 3" 34

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

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>150</u>			<u>2.00</u>

Water Temp. 56° Bottom hole temp. _____Water Quality test or comments: GoodDepth first Water Encounter 148

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>12</u>	<u>0</u>	<u>30</u>	<u>Clay + Sand Rock</u>		☒
<u>8</u>	<u>30</u>	<u>121</u>	<u>Unhd BSLT</u>		☒
<u>7</u>	<u>121</u>	<u>148</u>	<u>Med Hd BSLT</u>		☒
<u>8</u>	<u>148</u>	<u>180</u>	<u>Soft BLK BSLT</u>	<u>150</u>	

RECEIVED

MAR 09 2005

IDWR/North

RECEIVED

APR 19 2005

IDWR/North

Completed Depth 180 ft. (Measurable)Date: Started 2-2-05 Completed 2-5-05

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 ULLENKOTT DRILLING Firm No. 125Principal Driller [Signature] Date 2-19-05and Driller or Operator II [Signature] Date 2-2-05

Operator I _____ Date _____

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

FORWARD WHITE COPY TO WATER RESOURCES

85-15443