

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-10280

Exam Date: 5/16/2014

1. Current Owner: NORA LEWIS
24650 N RIMROCK RD
HAYDEN ID 83835
(208) 772-0479

Or

STEPHEN LEWIS
24650 N RIMROCK RD
HAYDEN ID 83835
(208) 772-0479

2. Accompanied by: Stephen Lewis

3. SOURCETRIBUTARY

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 SE1/4SW1/4 Sec. 4, Twp 52N, Rge 03W, B.M. KOOTENAI County

Method of Determination: GPS and Maps

2.

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
52N 03W 4												2.3					2.3

Total Acres: 2.3

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.

Well or Diversion**ID No.*****Motor Make****Hp****Motor Serial No.****Pump Make****Pump Serial No. or Discharge
Size**

D0040336

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

D. FLOW MEASUREMENTS

1.

Measurement**Equipment****Type****Make****Model No.****Serial No.****Size****Calib. Date**

N/A

2. Measurements:

E. FLOW CALCULATIONS

Measured Method: 5 GALLON BUCKET TEST. 45 SEC TO FILL 5 GALLON. $5\text{GAL} / 45\text{SEC} = .1111 \times 60\text{SEC} = 6.6\text{GPM OR } 0.02\text{CFS}$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 2.3\text{AC} \times 3\text{AF} = 6.9\text{AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \times 214 \times 1.9835 = 8.5\text{AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 6.9\text{AF}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

DRIP SYSTEM, TREES AND YARD, 6.6GPM. 2.3 ACRES OF IRRIGATION.

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>
IRRIGATION	04/01 to 10/31	0.020 CFS	6.90 AF
<u>Totals:</u>		0.020 CFS	6.90 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 *E. J. [Signature]* Date 12-5-2014

Reviewer *Adam Friedman* Date 12-5-2014

State of Idaho
Department of Water Resources
Water Right License
95-10280



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

0 0.0225 0.045 0.09 Miles

A horizontal scale bar with tick marks at 0, 0.0225, 0.045, and 0.09 miles.

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 _____ 1/4 _____ 1/4 _____
Lat : : Long : :

1. WELL TAG NO. D0040336
Permit No. 834525
Other IDWR No. _____

2. OWNER
Name ODELL, TED & CHARLOTTE Well Number: 995
Address 24650 N RIMROCK RD
City HAYDEN State ID Zip 83835

3. LOCATION OF WELL by legal description
sketch map location must agree with written location

W Twp. 52 North or South
Rge. 3 East or West
Sec. 4 1/4 SE 1/4 SW 1/4
Gov't Lot _____ County KOOTENAI
Lat : : Long : :

Address of Well Site 24650 N RIMROCK
City HAYDEN

(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 _____

DRILL METHOD

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
BENTONITE	0	78	300 LBS	OVERBORE

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 78

Was drive shoe seal tested? ☒ Y ☐ N How? AIR

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6	+2	78	.250	STEEL	☒	☐	☒	☐
4	-5	320	200	PVC	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method SKIL SAW

☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
285	320	1/4 X 5	110	4	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

70 ft. below ground Artesian pressure _____ lb.

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

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
7			1 HR

Water Temp. COLD Bottom Hole Temp COLD

Water Quality test or comments: CLEAR

Depth first Water encountered 80

12. LITHOLOGIC LOG:(Describe repairs or abandonment)

Water			
Bore Diam	From	To	Remarks: Lithology, Water Quality, Temperature
8	0	3	Top soil
8	3	70	Sands, gravels, brown clay
8	70	78	Clay, brownish, fractured
6	78	80	Shell brn, fractured 7GPM
6	80	110	Shell, brn, fractured
6	110	120	Shell, greenish, fractured
6	120	170	Shell, brown, med
6	170	180	Shell, greenish, med
6	180	320	Shell, brown, med

RECEIVED
AUG 13 2005
IDWR/North

RECEIVED
AUG 29 2005
IDWR/North

Completed Depth 320 (Measurable)
Date: Started 7/12/2005 Completed 7/14/2005

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 Mike Halterma Date 7-18-05
and
Supervisor or Operator Mike Halterma Date 7-18-05
MIKE HALTERMA (Sign Once if Firm Official and Operator)

52N 3W 4



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