

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9505

Exam Date: 9/29/2015

1. Current Owner: SHIRLEY MC FADDAN
25739 N GOOD HOPE RD
ATHOL ID 83801
(208)683-1865
2. Accompanied by: Shirley Mcfaddan

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 SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SE1/4SE1/4 Sec. 30, Twp 53N, Rge 02W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 47° 54.309, 116° 36.764 (A0015450)

2.

PLACE OF USE: DOMESTIC

[illegible]

PLACE OF USE: STOCKWATER

[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>
D0017029	UNKNOWN				

*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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2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method: MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses: 10 HEAD STOCK X 12 GPD X 365 DAYS / 325,850 = 0.13 AF OR 0.1 AF

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM CONDUCTED TO VERIFY THAT 10 ACRES OF IRRIGATION WAS NOT TAKING PLACE AS WAS PERMITTED FOR. FIELD EXAM SHOWED DOMESTIC USE FOR 1 HOME WITH GARDEN AND SHRUBS AND STOCKWATER USE. MEASUREMENT OF DIVERSION RATE COVERED UNDER IDAPA RULES 37.03.02.035.01.r. LICENSE WILL BE ISSUED FOR DOMESTIC USE FOR 1 HOME WITH IRRIGATION UP TO 1/2 ACRE AND STOCKWATER FOR 10 HEAD MIXED STOCK.

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	0.040 CFS	1.20 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.10 AF
<u>Totals:</u>		0.040 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 John F. Fiedrich Date 9-30-2015
 Reviewer [Signature] Date 10-8-2015

State of Idaho
Department of Water Resources
Water Right License
95-9505



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

0 0.045 0.09 0.18 Miles



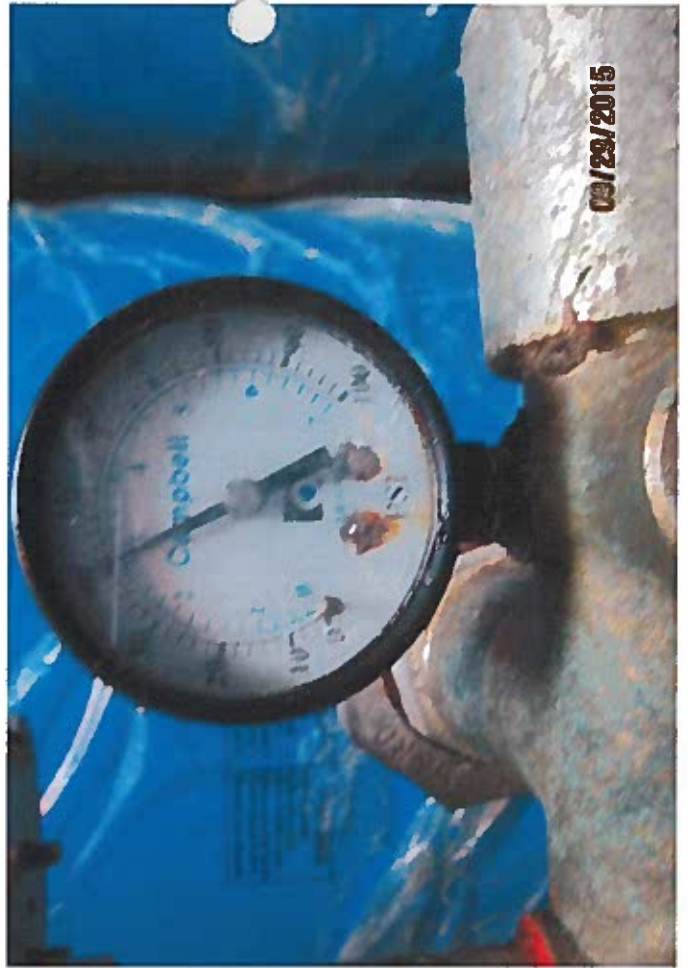
A horizontal scale bar with tick marks at 0, 0.045, 0.09, and 0.18 miles.





95-9505





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Form 236-7
11/87

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IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

IDWR/North

1. WELL TAG NO. D 0017029

DRILLING PERMIT NO. _____

Other IDWR No. 767935

2. OWNER:

Name Shirley McFaddenAddress 511 W. Linden Ave.City Coeur d'Alene State ID Zip 83814

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>53</u>		North ☒ or South ☐	
E		Rge. <u>2</u>		East ☐ or West ☒	
W		Sec. <u>30</u>		1/4 <u>SE</u> 1/4 <u>SE</u> 1/4	
S		Gov't Lot <u>10</u>		County <u>Kootenai</u>	
		Lat: _____		Long: _____	

Address of Well Site corner of Good Hopeand Nunn RoadsCity Arthol

LL. _____ 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/FILTER PACK		AMOUNT		METHOD
Material	From	To	Sacks or Pounds	
Bentonite	0	19	10 bags	overbore, dry

Was drive shoe used? ☐ Y ☐ N Shoe Depth(s) 74'Was drive shoe seal tested? ☐ Y ☐ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	42	74'	250	Steel	☒	☐	☐	☐
4"	55	295	160	PVC	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

 Perforations Method saw cut 1/8" x 5"
 Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
295	275		60		PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

35 ft. below ground Artesian pressure _____ lb.

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

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

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min	Drawdown	Pumping Level	Time
100 gpm			

Water Temp. _____

Bottom hole temp. _____

Water Quality test or comments: _____

Depth first Water Encounter 68'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Barrel Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10	0	11	Sand, w/fine silt		x
	11	15	Sand, clay, tan		x
	15	19	Sand, clay, yellow		x
8	19	34	Sand, silt, tan		x
	34	68	Clay, sand, tan		x
	68	69	Sand, white 3/4 gpm	x	
	69	72	Sand, clay, tan		x
	72	74	Decomposed granite, tan		x
6	74	89	Granite, tan		x
	89	98	Granite, black & white		x
	98	126	Granite, rose, black/white	x	x
	126	147	Granite, green, blk/wht		x
	147	155	Granite, black		x
	155	185	Granite, green, blk/white		x
	185	212	Granite, black & white		x
	212	229	Granite, rose, blk/wht		x
	229	260	Granite, green, soft		x
	260	286	Granite, grey, blk/wht		x
	286	291	Granite, green, hard, fract.		x
	291	295	Decomposed granite, soft	x	
			and caving 100 gpm		

NOTE: Cap on bottom of PVC liner.

 Completed Depth 293' (Measurable)
 Date: Started 02-10-01 Completed 02-20-01

13. DRILLER'S CERTIFICATION

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

Company Name McCarty Drilling & Pump Inc. Firm No. 586Firm Official Burt McFadden Date 2-20-01

and

Driller or Operator _____ Date _____

(Sign once if Firm Official & Operator)

53N 2W 30 FORWARD WHITE COPY TO WATER RESOURCES