

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-15146

Exam Date: 8/10/2015

1. Current Owner: McLEAN MEADOWS
3507 BUCKSKIN RD
COEUR D ALENE ID 83815
(208)664-4040
2. Accompanied by: Bruce Godfrey
Phone No: n/a
Address: 5671 W. McLean Rd.
Relationship to Permit Holder: Resident

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 L2 NW1/4NE1/4 Sec. 4, Twp 48N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS and maps. POD location at 47° 32.369, 116° 51.682 (A0015480)

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
48N 04W 4		X			X												
		L 2			L 3												
49N 04W 33														X			
														L 6			

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
48N 04W 4		X			X												
		L 2			L 3												
49N 04W 33														X			
														L 6			

Method of Determination: GPS and maps.

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 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 Size</u>
D0005157		2			

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

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
UNITED PUMP						

2. Measurements: APPLICANT PROVIDED DOCUMENTATION THAT UNITED PUMP PERFORMED A CERTIFIED 4 HOUR PUMP TEST ON WELL AND PROVIDED DOCUMENTATION SHOWING RESULT WAS 21.1 GPM. SEE ATTACHED PHOTOS.

E. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS**1. Volume Calculations for Irrigation:**

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

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

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

2. Volume Calculations for Other Uses: DOMESTIC USE FOR 5 HOMES WITH UP TO 1/2 ACRE OF IRRIGATION =

$$1.2 \text{ AF} \times 5 \text{ HOMES} = 6 \text{ AF}$$

$$\text{STOCKWATER FOR 20 MIXED HEAD OF STOCK} \times 12 \text{ GPD} \times 365 \text{ DAYS} / 325,850 \text{ GAL/AF} = 0.3 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

FIELD EXAM SHOWED TWO HOMES THAT WERE BUILT AND ONE THAT WAS BEING BUILT WITH 2 STUBBED IN EMPTY LOTS. BRUCE GODFREY SUPPLIED IDWR EXAMINER WITH CERTIFIED WELL PUMPING TEST SHOWING WELL PRODUCED 21.1 GPM OR 0.05 CFS. WELL PUMPED WATER TO 3,000 GALLON STORAGE TANK THEN WAS GRAVITY FED DOWN TO HOMES. BECUASE TWO LOTS WERE JUST STUBBED IN THE IRRIGATION COMPONENT WILL BE REMOVED AND LICENSE WILL SHOW DOMESTIC IS FOR 5 HOMES WITH IRRIGATION UP TO 1/2 ACRE PER HOME.

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	0.050 CFS	6.00 AF
STOCKWATER	01/01 to 12/31	0.020 CFS	0.30 AF
<u>Totals:</u>		0.050 CFS	6.30 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 Fendrich

Date

2-1-2016

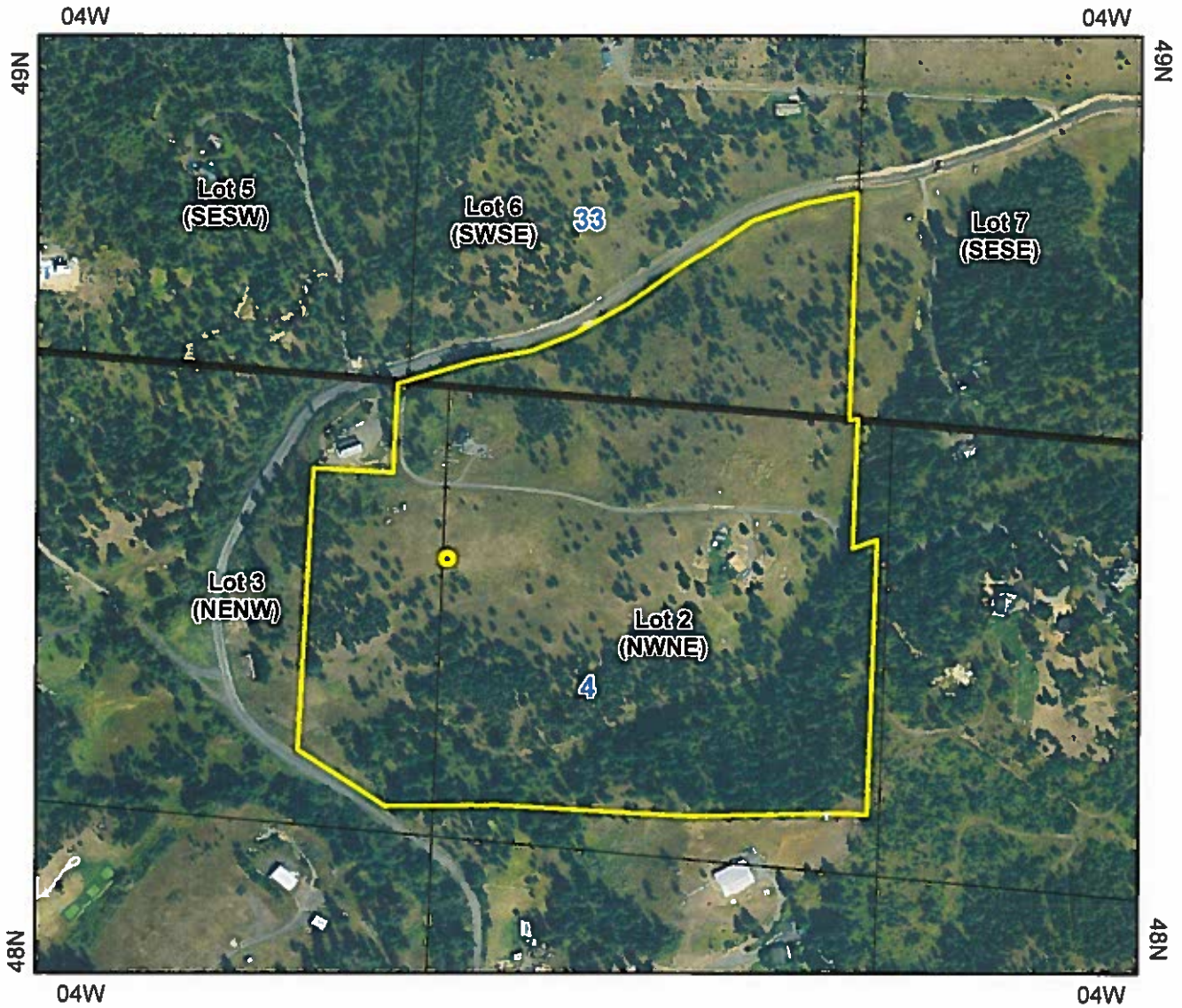
Reviewer

A. Fendrich

Date

2-1-16

State of Idaho
Department of Water Resources
Water Right License
95-15146



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

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. D5157

DRILLING PERMIT N _____
Other IDWR No _____

2. OWNER:

Name Greg Nearpass
Address 3507 Buckskin RD
City Coeur d'Alene State ID _____ Zip 83815

3. LOCATION OF WELL by legal description:

N		Twp <u>48N</u>	North ☒ or South ☐
Rge <u>04W</u>		East ☐ or West ☒	
Sec <u>04</u>		1/4 NW 1/4 NE 1/4	
Gov't Lot _____		County <u>Kootenai</u>	
Lat _____		Long _____	

Address of Well Site: (see next line)

95 to Rockford Bay Rd to Loffs Bay Rd - ~~Lot #11~~ City Coeur d'Alene
Lot _____ Blk lot 9 Sub. Name (see next line)

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/Lbs	
Bentonite	0	18	15 sacks	pour in

Drive Shoe Used? ☐ Y ☒ N Shoe Depth(s) _____
Drive Shoe Seal Tested? ☐ Y ☒ N How? _____

8. CASING/LINER

Diam	From	To	Gauge	Material	Casng	Liner	Weld	Thrded
6"	2	201	0.025	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length Headpipe _____ Length Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations? Method _____
☐ Screens? Screen Type _____

From	To	Slot	Nmbr	Diam	Material	Casng	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL or ARTESIAN PRESSURE

160 ft. below ground. Artesian pressure _____ lb.
Depth flow encountered 196 ft. Describe access port or control devices: Steel cap welded

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
18	100%	259.	1 hr.

Water Temp. _____ cold Bottom hole temp. _____ cold
Water Quality test or comments: (below) Depth first Water Encountered 83
clear, cold, no smell

12. LITHOLOGIC LOG (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water	
				Y	N
8	0	2	Topsoil	☐	☐
8	2	24	Clay - brown	☐	☐
8	24	65	Basalt - black - medium	☐	☐
8	65	83	Clay - brown - medium	☐	☐
8	83	105	Sand with quartz & gravel	☐	☐
8	105	130	Clay - black - medium	☐	☐
8	130	170	Clay - orange - medium	☐	☐
8	170	178	Heaving sand & silt - orange/gray	☐	☐
8	178	190	Clay - orange - medium	☐	☐
8	196	201	Basalt - black - soft	☐	☐
			water on top of basalt layer - 8 gpm	☐	☐
8	201	250	Basalt - black - hard	☐	☐
6	250	253	Basalt - black - soft - 10 gpm	☐	☐
6	253	260	Basalt - black - hard	☐	☐

Completed Depth _____ 260 (Measurable)
Date: Started 8/3/98 Completed 8/4/98

13. DRILLERS CERTIFICATION

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

Firm Name United Drilling Inc. Firm No 414
Firm Official Jason C. Beckham Date 8/6/98
and _____
Supervisor or Operator Jason C. Beckham Date 8/6/98

NESW

NWSE

NESE 3

33

SESW 5

49N04W

SWSE 6

SESE 7

Home 2

Home 5

NENW 3

Home 3

Home 4

NWNE 2

Home 1

NENE 1

4

48N04W

SENW

SWNE

SENE

SOLD TO: Bruce Godfrey

530 NW Darrow St.

Pullman W.A. 99163

PHONE# 208-885

INSTALLATION/SERVICE DATE

SHIPPED VIA

FOB POINT

July 10, 2006

Service: WR

Four Hour Well Test

QTY. UNIT

DESCRIPTION

1 ls.

4-Hour Certified Well Test

The Average production over the four hour test was 21.11 GPM

Note: No Charge for System Evaluation.

System notes: Well has good production and fills a large storage tank / Gravity to homes.

08/10/2015



WELL TEST

Customer:

Bruce Godfrey

Address:

530 NW Darrow St
Pullman WA 99163

Job Location:

5671 W Mclean Rd
Coeur d'Alene

Phone No:

208-885-6463

WELL DATA

g #:

D5157

Static Depth:

260'

Static Water Level:

160'

Filter Tested:

18 GPM

Test Pump Used: 2HP 18GPM?

Pump Setting:

250'

Date of Test:

07/10/06

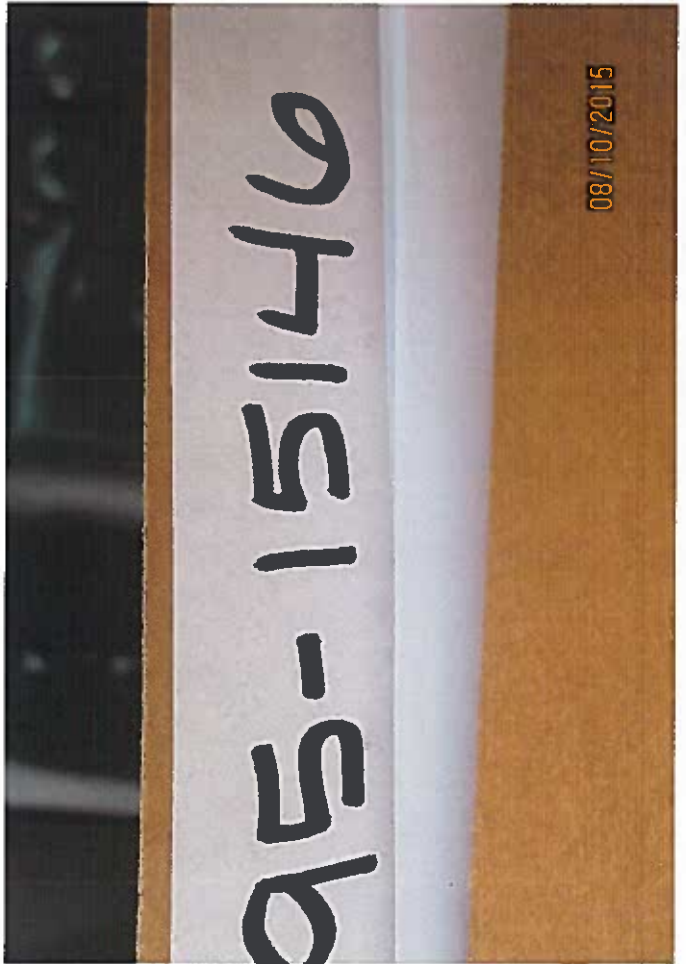
Time	Flow Rate	Pressure	Water Quality	Static Level
	Gallons Per Minute	Per Square Inch		
10:00 AM	25.00	0	Clear	11.08
10:15 AM	22.56	0	Clear Light Sulpher Smell	11.49
10:30 AM	22.06	0	Grey Light Solids	11.52
10:45 AM	22.06	0	Light Grey Light Solids	11.5
11:00 AM	21.13	0	Very Light Grey	12.5
11:15 AM	21.13	0	Very Light Grey	13.5
11:30 AM	21.13	0	Very Light Grey	14.5
11:45 AM	21.13	0	Very Light Grey	15.5
12:00 PM	20.55	0	Clear	16.5
12:15 PM	20.55	0	Clear	17.5
12:30 PM	20.55	0	Clear	20.5
12:45 PM	20.55	0	Clear	21.5
1:00 PM	20.55	0	Clear	22.5
1:15 PM	20.00	0	Clear	23.5
1:30 PM	20.00	0	Clear	
1:45 PM	20.00	0	Clear	
2:00 PM	20.00	0	Clear	

08/10/2015

Home 1



95-15146



Home 2 yard



95-15146

Home 3-ike for 3



Home 2



95-15146

Home 2 looking at Home Site 3



WELL TEST

Customer: Bruce Godfrey
Job Location: 5071 W McLean Rd
Coeur d'Alene

Address: 530 NW Darrow St
Pullman WA 99103
Phone No: 208-885-6463

WELL DATA

Test Pump Used: 2HP 18GPM?
Pump Setting: 250'
Date of Test: 07/10/06

Log #: D5157
Well Depth: 260'
Static Water Level: 180'
Driller Tested: 18 GPM

Time	Flow Rate Gallons Per Minute	Pressure Per Square Inch	Water Quality	Static Level
10:00 AM	23.00	0	Clear	11.08
10:15 AM	22.56	0	Clear Light Sulphur Smell	11.49
10:30 AM	22.06	0	Grey Light Solids	11.52
10:45 AM	21.06	0	Light Grey Light Solids	11.5
11:00 AM	21.13	0	Very Light Grey	12.5
11:15 AM	21.13	0	Very Light Grey	13.5
11:30 AM	21.13	0	Very Light Grey	14.5
11:45 AM	21.13	0	Very Light Grey	15.5
12:00 PM	20.55	0	Clear	16.5
12:15 PM	20.55	0	Clear	17.5
12:30 PM	20.55	0	Clear	17.5
12:45 PM	20.55	0	Clear	17.5
1:00 PM	20.55	0	Clear	17.5
1:15 PM	20.00	0	Clear	20.5
1:30 PM	20.00	0	Clear	21.5
1:45 PM	20.00	0	Clear	22.5

08/10/2015

SOLD TO: Bruce Godfrey
530 NW Darrow St.
Pullman WA 99163

PHONE # 208-885-6463

INSTALLATION	SERVICE DATE	SHIPPED VIA	Service	DESCRIPTION
July 10, 2006		WR	Four Hour Well Test	
QTY	UNIT			
1	ls.	4-Hour Certified Well Test		
The Average production over the four hour test was 21.11 GPM				
Note: No Charge for System Evaluation.				
System notes: Well has good production and fills a large storage tank / Gravity to homes.				

08/10/2015

Home site 4



95-15146