

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9283

Exam Date: 4/19/2007

1. Current Owner: BEST HILL RANCH PROPERTY OWNERS INC
C/O MERLIN D TAYLOR
2162 E BEST AVE
COEUR D ALENE ID 83814
(208)765-8670
2. Accompanied by: MERLIN TAYLOR
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: PRESIDENT

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-9282
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 NE1/4NW1/4
KOOTENAI County

Sec. 7, Twp 50N, Rge 03W, B.M.

Method of Determination: GPS

2.

PLACE OF USE: RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N 03W 7					X	X											

DIVERSION TO STORAGE same as RECREATION
STORAGE

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>
9596N177000	W/K Unknown	1.5	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>

2. Measurements: Test measurement of 15+gpm

E. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

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

2. Volume Calculations for Other Uses:

$$.04 \text{ cfs} \times 1.9835 = .07934 \times 365 = 29.0 \text{ AFA}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS WELL IS USED FOR A BACKUP FOR A POND. WHEN THE STREAM DRIES UP THEY TURN THE WELL ON TO KEEP THE POND FULL. THE WELL RUNS AT 15 GALLONS PER MINUTE FILLING THE POND AS NEEDED.

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>
DIVERSION TO STORAGE	05/01 to 11/01	0.040 CFS	29.00 AF
RECREATION STORAGE	01/01 to 12/31		15.00 AF
<u>Totals:</u>		0.040 CFS	29.00 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

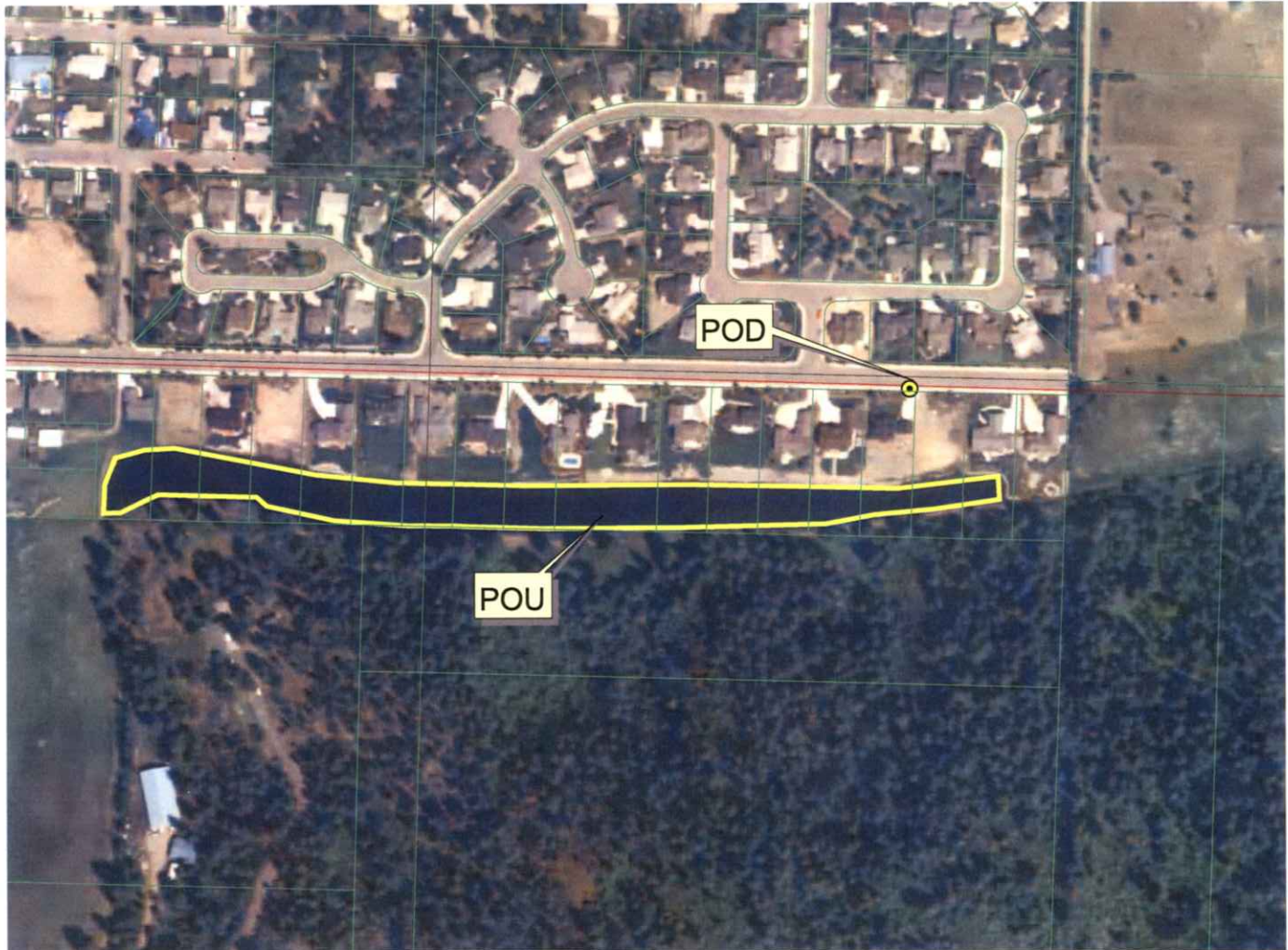
Date

Reviewer

Date

[Signature] 8-3-07
[Signature] 8/6/7

95-9283



0.1 0 0.1 0.2 Miles

-  Kootenai taxlots
-  GCDB50N03W GCDB
-  Right POD
-  Claim POD
-  Claim POU
-  PLSS Section LinesSections.shp
-  Admin basin.shp
-  Place of use.shp



WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

097779

Office Use Only

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

1. DRILLING PERMIT NO

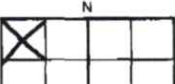
Other IDWR No. 95-8949

2. OWNER:

Name **MOUNTAIN LAKES DEVELOPMENT**
Address **2615 N 4TH #656**
City **Coeur d'Alene** State ID Zip **83814**

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



Twp. 50N North ☒ or South ☐
 Rge. 3W East ☐ or West ☒
 Sec. 7 1/4 NW 1/4 NW 1/4
10 acres 40 acres 160 acres
 Gov't Lot _____ County Kootenai
 Lat: : : Long: : :
 Address of Well Site 15th & Best hill
 City Coeur d'Alene
 (Give at least name of road + Distance to Road or Landmark)

Lt. 5 Blk. 2 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	-20	8 sacks	pour in

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 192
Was drive shoe seal tested? ☐ Y ☒ N How?

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+18"	-192	.025	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ * Perforations Method air perforator
☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Line
-175	-190		200		Steel	☒	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

150 est ft. below ground Artesian pressure _____ lb.
Depth flow encountered 150 ft. Describe access port or
control devices: **steel cap welded**

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
15+ GPM	100%	192	2 hrs.

Water Temp. cold Bottom hole temp. cold
Water Quality test or comments: clear, cold, no smell

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

[illegible]

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 **United Drilling Inc.** Firm No. **414**

Firm Official [Signature] 12/12/96

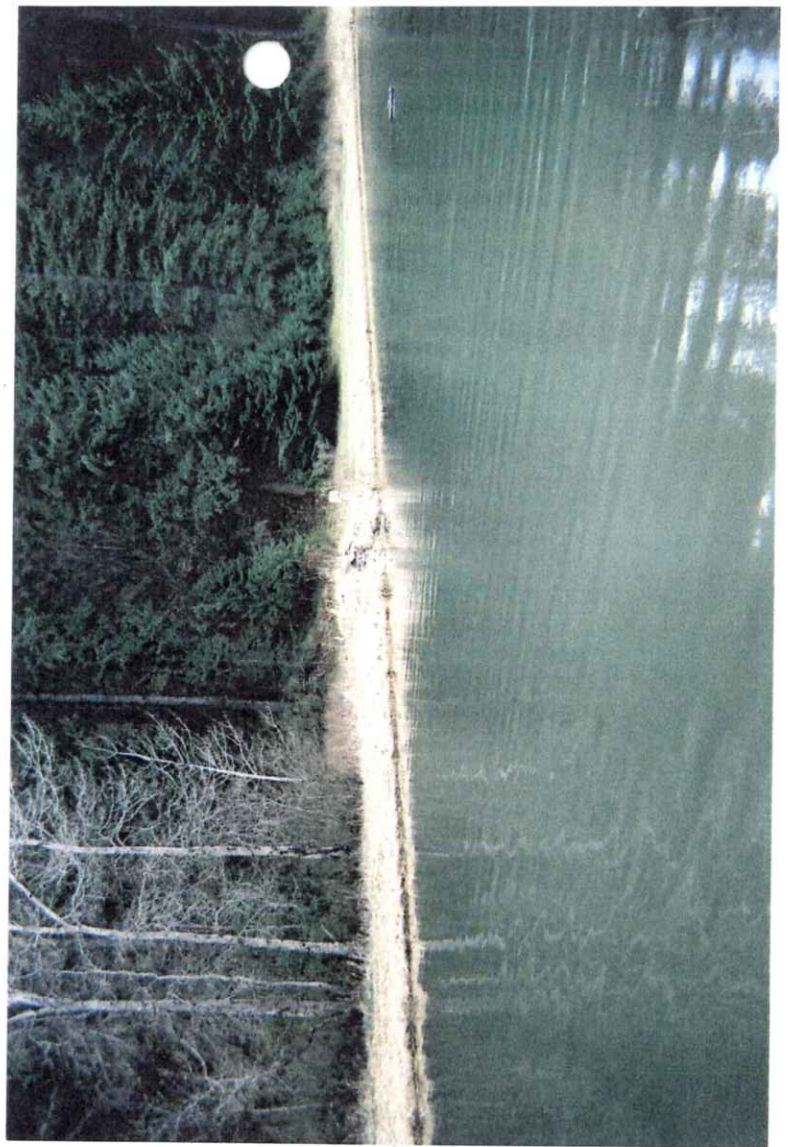
and
Supervisor or Operator **Jason C. Beckham** Date **12/12/96**

(Sign once if Firm Official & Operator)

NWNW 7 50N 3W



DOWNSTREAM END



MIDDLE



UPSTREAM END POND



Well outlet into pond



power box for well



POD WELL



POND OUTLET