

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 23-7123

Exam Date: 7/1/1993

1. Current Owner: RANDY T HUSKEY
PO BOX 147
SWAN VALLEY ID 83449
(208)483-3581
2. Accompanied by: Randy Huskey
Phone No: same as owner
Address: same as owner
Relationship to Permit Holder: self

3. SOURCETRIBUTARY

GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: see attached
2. Other water rights with the same point of diversion: 23-7122

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER

L5 SE1/4NW1/4SE1/4

Sec. 35, Twp 01N, Rge 44E, B.M.

BONNEVILLE County

Method of Determination: Field examination and photography taken during the field exam

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	
01N	44E	35													.2				.2

Total Acres: 0.2

PLACE OF USE:

DOMESTIC

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	44E	35													X				

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 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>
703786	Berkeley	1			

*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>

2. Measurements:

E. FLOW CALCULATIONS☒ Additional Computation Sheets Attached

Measured Method:
 0.2 acres * 0.02 cfs/acre = 0.01 cfs
 1 domestic home 0.04 cfs
 total 0.05 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.2 \times 3.5 = 0.7 \text{ afa}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.01 \times 200 \times 1.9835 = 4 \text{ afa}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 0.7 \text{ afa}$$

2. Volume Calculations for Other Uses: 1 domestic 0.6 afa total 1.3 afa

G. NARRATIVE/REMARKS/COMMENTS

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	04/15 to 10/15	0.010 CFS	0.70 AF
DOMESTIC	01/01 to 12/31	0.040 CFS	0.60 AF
<u>Totals:</u>		0.050 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 Kieth Wilson Date 7-1-1993

Reviewer Nate Arave Date 8-1-2007

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.

Scale: 1" = _____

_____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

_____ Aerial Photo Attached (required for irrigation of 10+ acres)

_____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Berkley	1	—	—	—

*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

2. Measurements: _____

E. NARRATIVE/REMARKS/COMMENTS

Well pump mainline to single domestic home and
commercial store and 15 R.V. spaces, Laundrymat (Eggen and)

Drilled 50' cased 40' Static @ 19

IRRIGATION of 6'7" x 123'

Have conditions of permit approval been met? ☐ yes ☐ no

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

G. 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:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			_____	_____

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

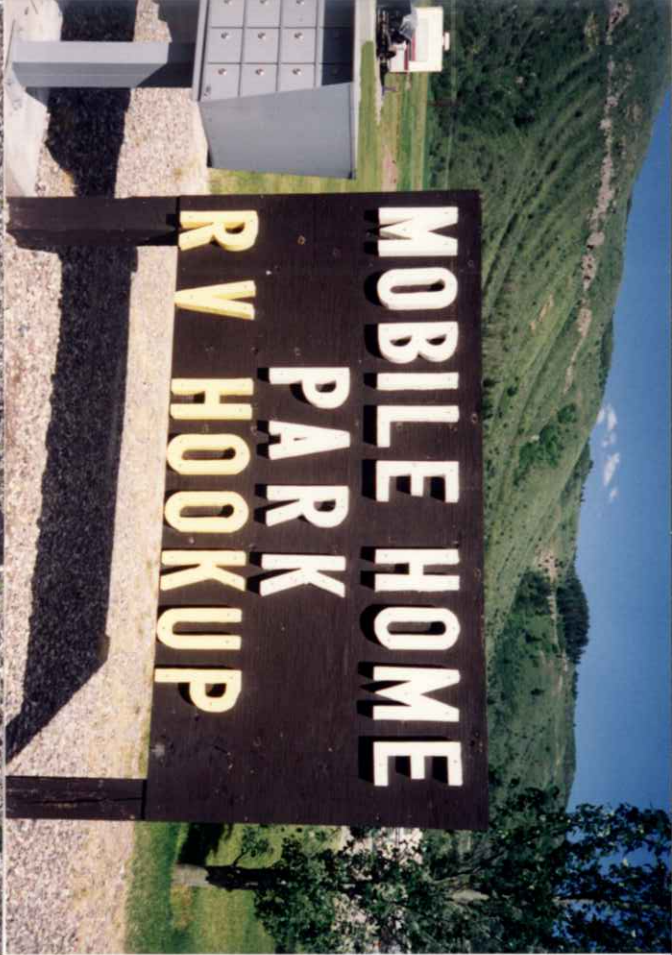
I. AUTHENTICATION

Field Examiner's Name _____ Date _____

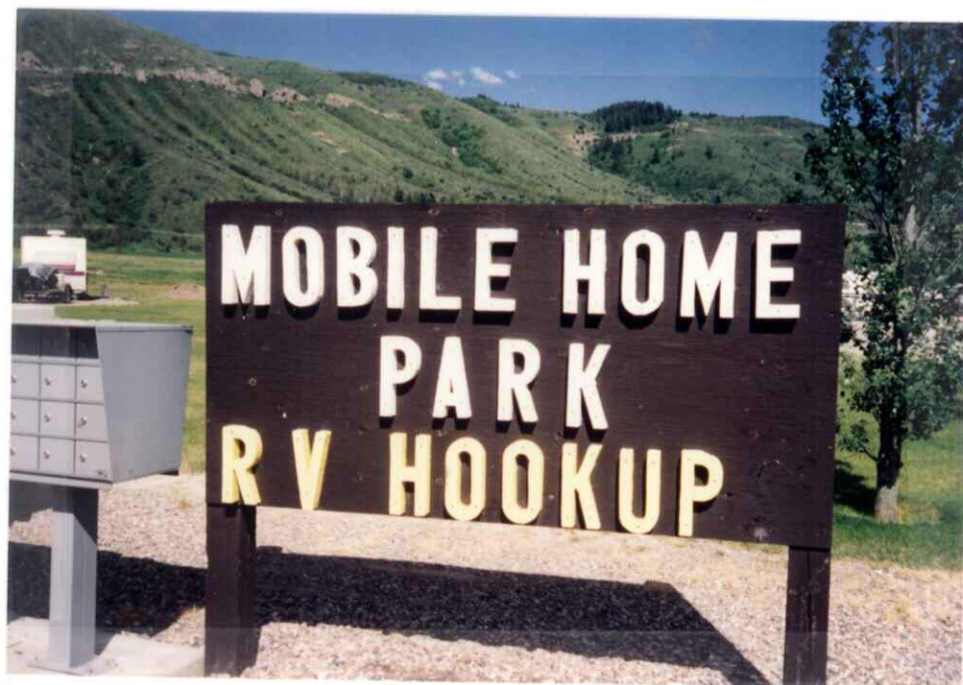
Reviewer _____ Date _____

SEAL









THEORETICAL PUMP FLOW CALCULATIONS

Formula:

$$Q_{cfs} = [(Hp)(8.814)(Eff)] \div [Lift + (psi \times 2.308)]$$

$$\begin{aligned} Hp &= \text{Horsepower} = \underline{1} \\ Eff &= \text{Efficiency} = \underline{0.70} \quad (\text{Usually } 70\%) \\ \text{Lift: } &(\text{Static Level} + \text{Assumed Draw down}) \\ &\text{Static Water Level} = \underline{19} \text{ ft.} \\ &\text{Assumed Draw down} = + \underline{2} \text{ ft.} \\ &\text{Lift} = \underline{21} \end{aligned}$$

OR

$$\text{Measured Dynamic Water Level} = \underline{\hspace{2cm}} \text{ ft.}$$

$$psi = \text{Operating Pressure} = \underline{20} \text{ psi}$$

$$Q_{cfs} = \left[\frac{1}{Hp} \times 8.814 \times \frac{0.70}{Eff} \right] \div \left[\frac{21}{Lift} + \left(\frac{20}{psi} \times 2.308 \right) \right]$$

$$Q_{cfs} = \left[\underline{6.17} \right] \div \left[\underline{67.16} \right]$$

$$Q_{cfs} = \underline{0.09} \text{ cfs}$$

PERMIT NO. 23-7123

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

[illegible]

Comment Report

23-7123

1. narave 8/1/2007 POU

Comment: Updated Shape

2. narave 8/1/2007 POU

Comment: Updated PLS

3. narave 8/1/2007 overlap analysis

Comment: The overlapping rights are

23-7122

23-7132

23-55B

4. narave 8/1/2007 Field Report Narrative

Comment: Well pump to single domestic home, commercial store and 15 RV spaces, Laundromat 2 washers. Drilled 50 feet cased 40 feet static water @19 feet. Irrigation of 67x123 feet or 0.2 acres

Type	VR #	Owner	Source	TBS	INEM	INWME	SWME	SENE	NEWV	INWV	SWWV	SEWV	NESW	INWSW	SWSW	SESW	INSE	INWSE	SWSE	SESE	Total
Right	23 59A	SAWUEL C WEEKS	PALISADES CREEK	01N44E35		X			X												0
Right	23 59B	ABRAM WEEKS	PALISADES CREEK	01N44E35		X			X												0
Right	23 62A	HANNAH BURTON	PALISADES CREEK	01N44E35					X												0
Permit	23 7122	RANDY T HUSKEY	GROUND WATER	01N44E35						X								1			2
Permit	23 7123	RANDY T HUSKEY	GROUND WATER	01N44E35														1.5			1.5
Permit	23 7129	DOANNA O MALEY CHARLES O MALEY	GROUND WATER	01N44E35														1.5			1.5
Right	23 7167	ROBERT LARRY MCKINNEY LEE ALICE GOTTSCHALK KURT RANDALL GOTTSCHALK	GROUND WATER	01N44E35		X															0
Right	23 7132	PALISADES PARK OWNERS ASSN.	GROUND WATER	01N44E35																	0
Right	25 1279	THERON A BROWN	GROUND WATER	01N44E35				X											X		0
Right	25 10986	WICKI RADFORD REX RADFORD	GROUND WATER	01N44E35																	0
Right	23 10053	ELAINE L HENKEN RAYMOND N HENKEN	GROUND WATER	01N44E35		X															0
Right	23 10058	NEWTON NORMAN	GROUND WATER	01N44E35		X															0
Right	23 10100	JAMES R & ROSINA G STONER FAMILY TRUST	GROUND WATER	01N44E35		X															0
Right	23 10107	JOSIE BYRD	GROUND WATER	01N44E35				X													0
Right	23 10117	G E KOFOED	GROUND WATER	01N44E35														X			0
Right	23 10129	ERVAN WADSWORTH FLORENCE WADSWORTH	GROUND WATER	01N44E35					X												0
Right	23 10188	RUSSELL J ANSETH	GROUND WATER	01N44E35					X												0
Right	23 10201	VIOLA D MARSHALL RICHARD G MARSHALL	GROUND WATER	01N44E35					X									X			0
Right	23 10204	EDWARD R STONER MARY T STONER	GROUND WATER	01N44E35					X												0
Right	23 10257	DUANE N DENNING VIOLA M DENNING	GROUND WATER	01N44E35																	0
Right	23 7027	RUSSELL J ANSETH	SPRING	01N44E35					X												0
Right	23 7041	HARRY J TAYLOR BEVERLY JOAN TAYLOR	GROUND WATER	01N44E35		X															0
Right	23 10004	JERRY O JENSEN ERIN N JENSEN	GROUND WATER	01N44E35														X			0
Right	23 10028	VIOLA D MARSHALL RICHARD A SCARR	GROUND WATER	01N44E35					X												0
Right	25 13263	WELTON H WEEKS DENNIS M WEEKS	GROUND WATER	01N44E35					X												0
Right	23 10264	MARGENE HADLEY KEITH HADLEY	GROUND WATER	01N44E35														X			0
Right	23 10886	MARGENE HADLEY KEITH HADLEY	GROUND WATER	01N44E35														X			0
Right	23 10896	MARGENE HADLEY KEITH HADLEY	GROUND WATER	01N44E35																	0
Right	23 10918	GALEN H WOODVINE ADMINISTRATOR MARY S WOODVINE	GROUND WATER	01N44E35																	0
Right	23 11211	ESTHER M RINDE DONALD H RINDE	GROUND WATER	01N44E35					X												0
Right	23 11216	TOM SILVESTER	GROUND WATER	01N44E35															X		0
Right	23 11218	TOM SILVESTER	GROUND WATER	01N44E35																2	2
Right	23 4062	THE LODGE AT PALISADES CREEK	GROUND WATER	01N44E35					X												0
Right	23 4062	THE LODGE AT PALISADES CREEK	GROUND WATER	01N44E35					X												0
Right	23 10013	THE LODGE AT PALISADES CREEK	GROUND WATER	01N44E35					X												0
Right	23 10013	THE LODGE AT PALISADES CREEK	GROUND WATER	01N44E35					X												0
Right	23 10203	EDWARD R STONER MARY T STONER	UNNAMED STREAM	01N44E35					1												1
Right	23 10271	JOSIE BYRD	PALISADES CREEK	01N44E35																	23
Right	23 10148	GLENNDA FAE KIMBRO JAMES TERRY KIMBRO	PALISADES CREEK	01N44E35					X												0
Right	23 59	CO-MORE DEVELOPMENT INC.	SNAKE RIVER	01N44E35																	60.91
Right	23 60	CO-MORE DEVELOPMENT INC.	DEER CREEK SNAKE	01N44E35																	60.91
Right	23 59E	HARRY J TAYLOR BEVERLY JOAN TAYLOR	PALISADES CREEK	01N44E35		0.9															0.9
Right	23 59F	GREG TAYLOR CONNIE TAYLOR	PALISADES CREEK	01N44E35		0.9															0.9
Right	23 55D	RAYMOND N HENKEN ELAINE L HENKEN	PALISADES CREEK	01N44E35		1.1															1.1
Right	23 10218	DANIEL J BOSCHAE	GROUND WATER	01N44E35					X												0
Right	23 10256	DUANE N DENNING VIOLA M DENNING	GROUND WATER	01N44E35					X												0
Right	23 10255	DUANE N DENNING VIOLA M DENNING	GROUND WATER	01N44E35					X												0
Right	23 55C	VIOLA M DENNING DUANE N DENNING	PALISADES CREEK	01N44E35		0.6	7.3		2.1												17
Right	23 55B	VIOLA M DENNING DUANE N DENNING	PALISADES CREEK	01N44E35																	7.7
Right	23 558	RANDY T HUSKEY	BURTON SPRING	01N44E35																	8.9
Right	23 11219	DENNIS M WEEKS RUTHANN WEEKS	BURTON SPRING	01N44E35																	11.6
Right	23 11311	RODNEY LACURAN BETH LACURAN	PALISADES CREEK	01N44E35					0.6												1
Right	23 11220	ELIZABETH T HALTER	BURTON SPRING	01N44E35						1											0
Right	23 11220	ELIZABETH T HALTER	BURTON SPRING	01N44E35					X												0
Right	23 11220	ELIZABETH T HALTER	BURTON SPRING	01N44E35					X												0
Right	23 11220	ELIZABETH T HALTER	BURTON SPRING	01N44E35					X												0
Right	23 50D	THE PALISADE IRRIGATION CO INC	PALISADES CREEK	01N44E35					X												0
Right	23 50E	THE PALISADE IRRIGATION CO INC	PALISADES CREEK	01N44E35					X												0
Right	23 104	THE PALISADE IRRIGATION CO INC	PALISADES CREEK	01N44E35					X												0
Rec	23 10212	RICHARD L HARVEY	GROUND WATER	01N44E35					X												0
Permit	23 11340	ESTATE OF FAY MARGARETT PARK	GROUND WATER	01N44E35X		X															0
Right	23 7123	RANDY T HUSKEY	GROUND WATER	01N44E35														0.2			0.2
Right	23 7123	RANDY T HUSKEY	GROUND WATER	01N44E35														X			0