

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>	
54N 03W 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</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>ID No.*</u>					<u>Size</u>
D00040725	u/k	1.5	u/k	u/k	u/k

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

PUMP EQUATIONS WATER RIGHT						
No.			95-9476			
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	1.5	410.0816327	0.8	306	45
Q =	0.026 cfs		11.6 gpm			

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 4 \text{ ac} \times 3 \text{ AF} = 12 \text{ AF}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \text{ cfs} \times 24 \text{ days} \times 1.9835 = 12.7 \text{ AF}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 12 \text{ AF}$$

2. Volume Calculations for Other Uses:

$$\text{Domestic} = 8 \text{ homes} \times 0.6 \text{ AF} = 4.8 \text{ AF}$$

$$\text{IRRIGATION} = 12 \text{ AF}$$

$$\text{TOTAL Volume} = 16.8 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

This water system is piped to eight homes and each home site will have 1/2 acre of irrigation. The permit was for eight acres of irrigation, due to the amount of water from the well is low the irrigation lot size will be limited to a total of four acres on the license. I spoke with the owner Ken Burch a bought the deduction of irrigation and he was in compliance with the 1/2 acres lots.

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	0.030 CFS	12.00 AF
DOMESTIC	01/01 to 12/31	0.030 CFS	4.80 AF
<u>Totals:</u>		0.030 CFS	16.80 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] 4-23-2008
[Signature] 4/25/8

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only

Well ID No. _____

Inspected by _____

Twp _____ Rge _____ Sec _____

_____ 1/4 _____ 1/4 _____ 1/4

Lat: : : Long: : :

1. WELL TAG NO. D 40373
 DRILLING PERMIT NO. 835457
 Water Right or Injection Well No. _____

2. OWNER:

Name KEN BURCH
Address 602 Old HOUSE Rd
City ATLGA State Id Zip 83801

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 54 North ☒ or South ☐
Rge. 3W East ☐ or West ☐
Sec. 35 NW 1/4 NE 1/4 NW 1/4
Gov't Lot _____ County BONNER
Lat: _____ Long: _____
Address of Well Site SAME

City 11/20/71
(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

☐ New Well ☐ Modify ☐ Abandonment ☐ Other DEPLEN

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
NO				

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

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
NONE					☒	☒	☒	☒
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☒ Y ☐ N Type _____

9. PERFORATIONS/SCREENS ☒ PACKER TYPE

Perforation Method None

Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

306 ft. below ground Artesian pressure 0 lb.
Depth flow encountered X ft. Describe access port or control devices:

12. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
17.9 gpm	MAX	4.50	1 HR.

Water Temp. 64.5 Bottom hole temp 64

Water Quality test or comments: 400d

Depth first Water Encounter

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

[illegible]

Completed Depth 452 (Measurable)

Date: Started 8-19-05 Completed 8-22-05

14. DRILLER'S CERTIFICATION

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

Company Name BRAND X WATERWELLS Firm No. 285

Principal Driller Lindsey Coulson Date 4-4-03
and

Driller or Operator II _____ Date _____

Operator I _____ Date _____

Principal Driller and Rig Operator Required



POU 8.JPG



D0040725 POD.JPG



POU 1.JPG



IMG_0872.JPG



POU 2.JPG



IMG_0874.JPG



POU 3.JPG



POU 4.JPG



POU 5.JPG



POU6.JPG

95-9476



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LODGE HAVEN RANCH
 ARTER OF SECTION 35, TOWNSHIP 54 NORTH,
 BONNER COUNTY, IDAHO.

30' WIDE STRIP IS HEREBY
 DEDICATED TO THE PUBLIC
 FOR RIGHT OF WAY PURPOSES
 SEE NOTE #12



SCALE 1" = 200
 TRUE NORTH

200 100 0 20

BASIS OF BEARING

THE BEARINGS AS SHOWN HERE
 UPON S89°04'16"E BETWEEN
 AND THE 1/4 CORNER CORNER
 AND 26 AS SHOWN ON A SURVEY
 RECORDED JUNE 29, 1999 AT
 RECORDS OF BONNER COUNTY

TABLE A: ON-LINE REFERENCE

DESIGNATION	DISTANCE LOT COR
A	16.27
B	26.24
C	15.61
D	24.74
E	27.12
F	23.29
G	22.74
H	30.00
I	30.00
J	30.00
K	30.00
L	30.00

TABLE B: EASEMENT LINE

LINE	DISTANCE	30'
L1	50.00	
L2	145.38	334'

LEGEND

- SET 5/8" DIA. X 30" LONG
YELLOW PLASTIC CAP MARK
- MONUMENTATION AS NOTED
- () BEARING & DISTANCE PER R
- (()) BEARING & DISTANCE PER R

EXTENT OF 60' WIDE EASEMENT
 EGRESS AND UTILITIES DISTRICT
 NO. 620199. SEE NOTE #130.

NON-BUILDING EASEMENT FOR
 FIRE SUPPRESSION & PEDESTRIAN
 PATHS AS DESCRIBED IN THE
 AT INST. NO. OTHERWISE NOTED ARE IN /
 USES.

WELL EASEMENT
 IN FAVOR OF SUPERIOR
 DEVELOPMENT INC. AND
 KENNETH BURCH

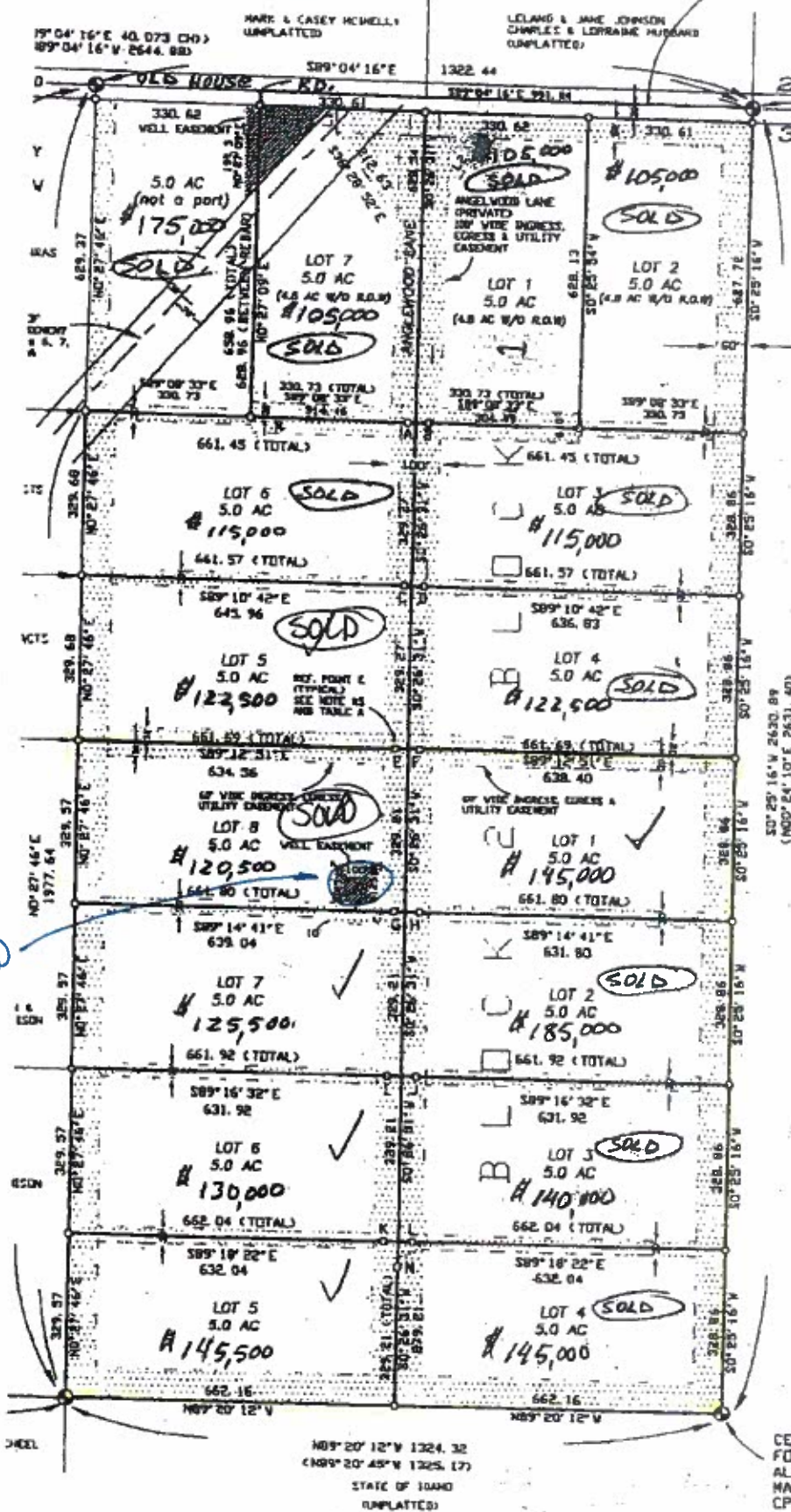
OWNER:
 KEN BURCH
 612 OLD HOUSE ROAD
 ATHOL, ID 83801

PROJECT REPRESENTATIVE

NT
 BURCH PLATTING
 NORTHWEST
 P.O. BOX 580 PO
 (208) 265-5911

CENTER 1/4 CORNER
 FOUND 3 1/4" DIA.
 ALUMINUM CAP
 MARKED PLS 3984
 CP&F ON FILE

95-9476



~~95-9475~~
95-9476

1W

POD

SE NW

POU

95-9475 - SE NW

95-9476