

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-9100

Exam Date: 8/20/2007

1. Current Owner: FOUR WINDS WATER ASSN
825 BEST AVE
COEUR D'ALENE ID 83814
(208)864-3222
2. Accompanied by: JAMES WORST
Phone No: SAME AS ABOVE
Address: SAME AS ABOVE
Relationship to Permit Holder: MEMBER

- | 3. <u>SOURCE</u> | <u>TRIBUTARY</u> |
|------------------|------------------|
| GROUND WATER | |

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-7390 ~
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 NE¼NW¼ Sec. 16, Twp 50N, Rge 04W, B.M. KOOTENAI County

Method of Determination: GPS

- 2.

PLACE OF USE: DOMESTIC

[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>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*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: 5 gallons in 18 seconds
- 17 gpm = 0.04 cfs

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:

$$1.2 \times 3 = 3.6 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

THIS SYSTEM USES GROUND WATER FOR DOMESTIC USE. THE DOMESTIC USE IS FOR THREE HOMES.

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	3.60 AF
<u>Totals:</u>		0.040 CFS	3.60 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

11-6-08

11/7/8

N01374

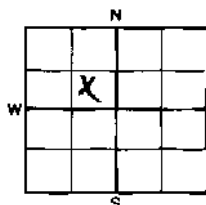
IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTUse Typewriter
or
Ball Point Pen

RECEIVED

1. DRILLING PERMIT NO. 769290
Other IDWR No. 19279
2. OWNER: FOUR WINDS WATER ASSOCIATION
Name 625 WEST AVE
Address COEUR D'ALENE State ID Zip 83814
City

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



T. 50 North ☒ or South ☐
R. 4 East ☐ or West ☒
Sec. 16 1/4 SE 1/4 NW 1/4
Gov't Lot _____ County KOOTENAI

Address of Well Site LAT. N 47° 41.045'
Long W 115° 50.513'
(Give at least Direction + Distance to Road or Landmark)

Lot No. _____ Block No. _____ Subd. Name _____

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
BENTONITE	0	40	16 SKS	10" OVERBORE	
				TO 25'	
				8" OVERBORE	
				TO 50'	

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

8. CASING/LINER:

Diameter	From	To	Gauge	Casting	Liner	Steel	Plastic	Welded	Threaded
6"	445'	71	250	500		☒	☐	☒	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoes 72'Top Packer or Headpipe ☒ Bottom Tailpipe ☒

9. PERFORATIONS/SCREENS

☐ Perforations Method NONE
☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/Pipe Size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

50N 4W 16

FORWARD WHITE COPY TO WATER RESOURCES

10. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Depth	Time
179 gpm	MAX	175'	1.5 HRS

Temperature of water Cold Was a water analysis done? Yes ☐ No ☒

By whom? _____

Water Quality (odor, etc.) good with ironBottom Hole Temperature Cold

11. STATIC WATER LEVEL:

11'4" ft. below surface Depth artesian flow found _____Artesian pressure _____ lb. Describe access port WEI CAP

Describe Controlling Devices: _____

Depth 1st water encountered 81

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	GPM	SWL
10	0	5	TOP SOIL		☒
1	5	2	GRANITE BOULDER		
	2	10	SOFT DG		
10	10	14	FIRM GRANITE		
8	14	36	SOFT DG		
1	36	39	FIRM GRANITE		
8	39	69	CLAY + DET GRANITE		
6	69	81	FIRM GRANITE SAND		☒
	81	89	BW 11 SOFT WATER 8 gpm		☒
	89	100	BW + white GRAN SOFT SPOTS		☒
	100	123	" " " " " "		☒
	123	131	" " " " " "		☒
	131	149	WHITE 11 FIRM		☒
6	149	179	" + BW 11 FIRM		☒

RECEIVED

SEP 14 2001

Date: Started 6-4-2001 Completed 6-5-2001

13. DRILLER'S CERTIFICATION

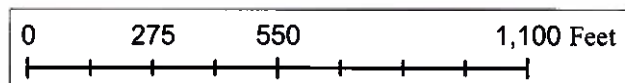
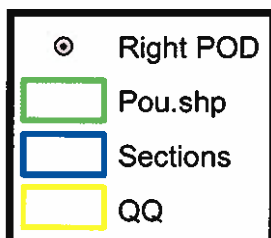
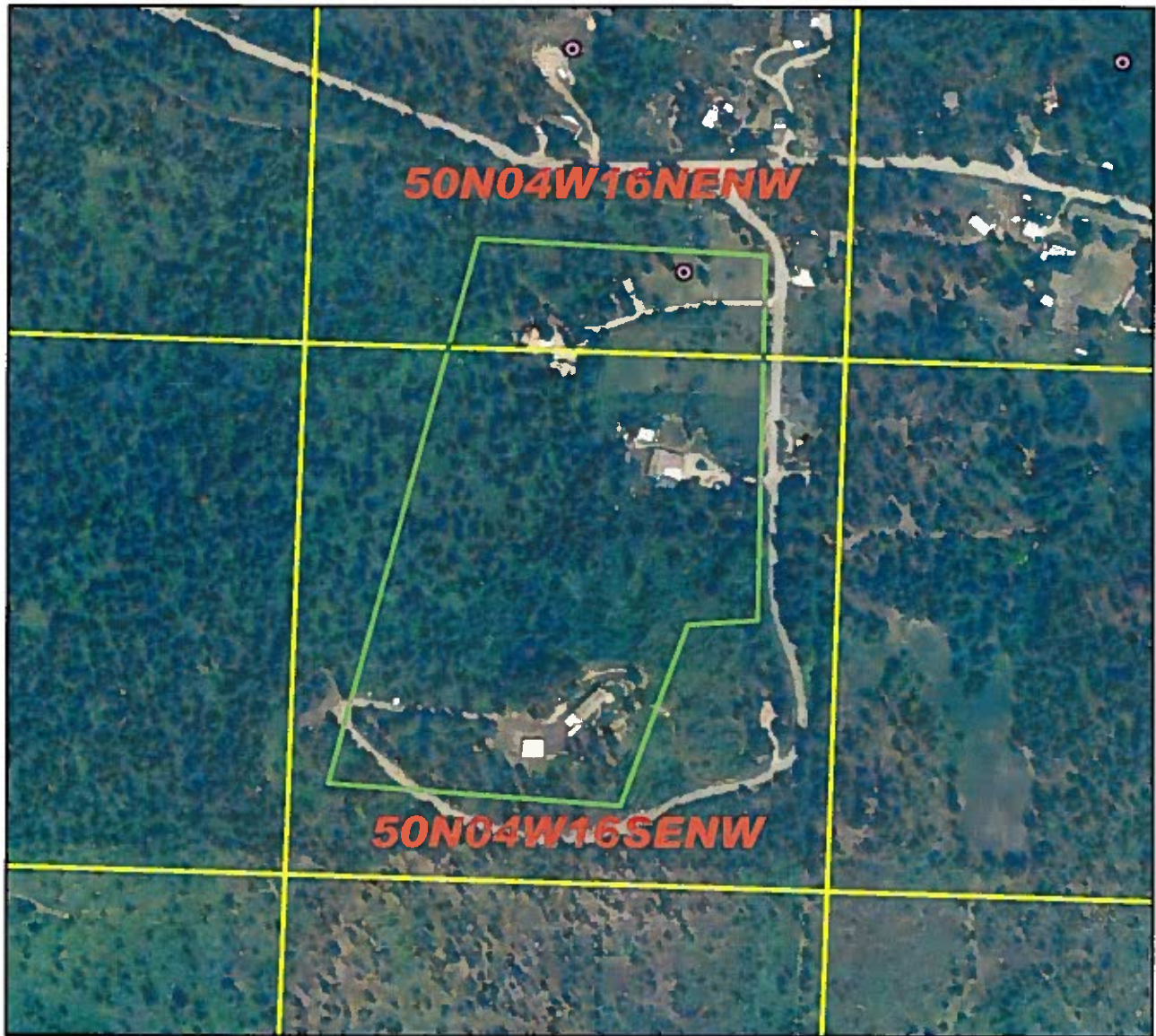
I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name BRAND X WATER WELLS Firm No. 289Firm Official Landon Corbin Date 6-6-2001
and _____

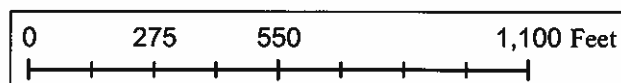
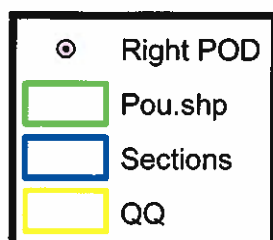
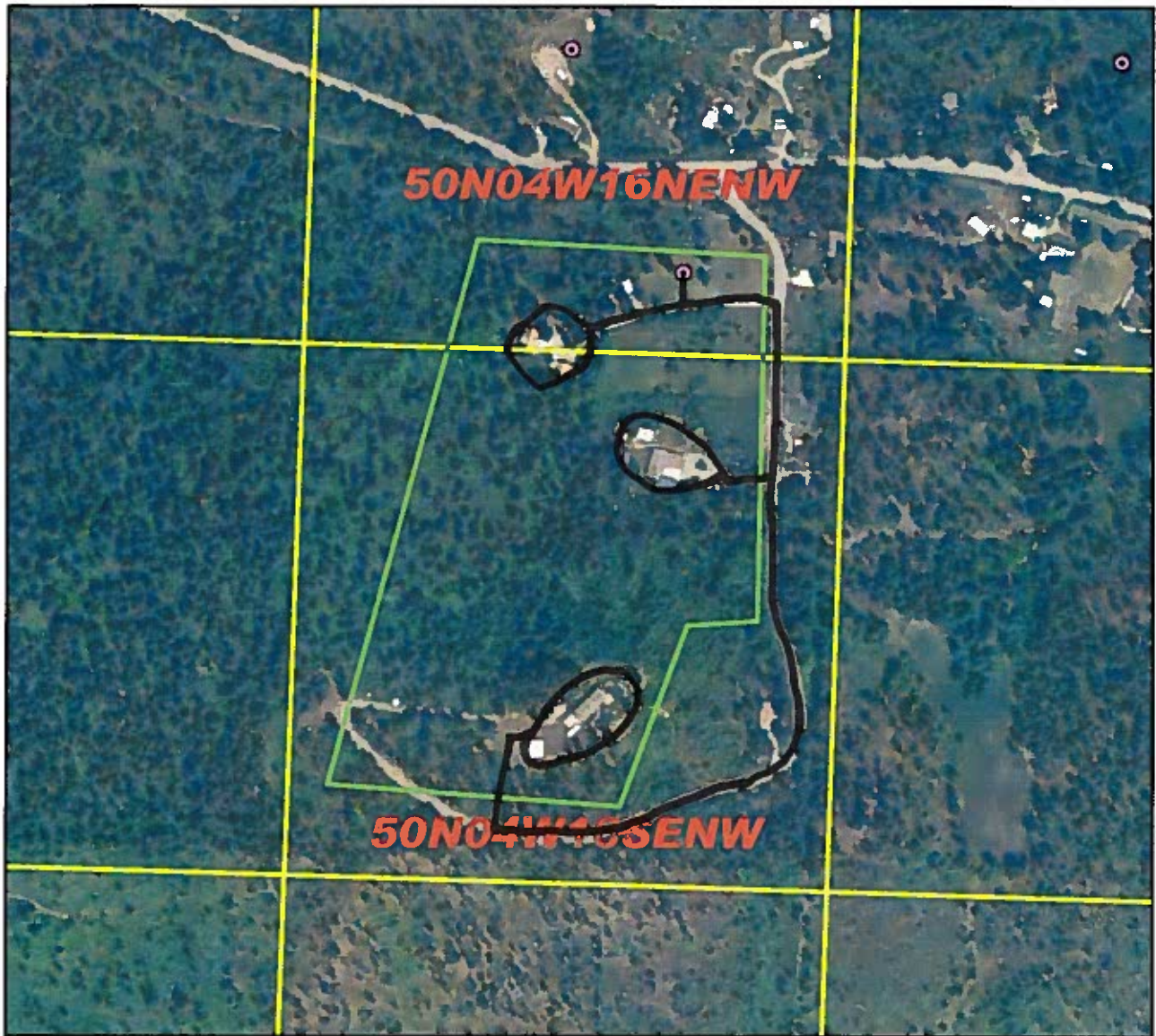
Supervisor or Operator _____ Date _____

(Sign once if Firm Official & Operator)

95-9100



95-9100





PLACE OF USE 1



PLACE OF USE 2



PLACE OF USE 3



POINT OF DIVERSION



WELL TAG #D0017279

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