

MEMORANDUM

Date: June 12, 2009
To: Water Right File 95-8976
From: cpadilla
Re: License Review

Proof for this permit was due August 1, 2003 and was not submitted until 2/20/2009. The permit holder submitted the proof form along with DEQ reports and a letter stating why the proof was not submitted in a timely manner. Based on the documents that the permit holder submitted, this permit is recommended for reinstatement and a license will be issued accordingly.

"As-Built" water and sewer plans that were submitted by the permit holder indicate that a total of 40 lots are stubbed-in to the system as follows:

Block1: Lots 5-12, and 2 on Lot 14
Block 2: Lots 1-18
Block 3: Lots 1-8
Block 4: Lots 1-5

While DEQ reports show a system capacity of 0.07 cfs, a theoretical analysis of the system yields capacity of 0.09 cfs (static water level= 190 ft per well log psi=60 5 hp pump). There is also a 9000 gallon storage tank on the system.

I recommend licensing this permit as municipal instead of dividing up irrigation and domestic uses. The municipal umbrella will include the irrigation use however the license will be limited in volume to the lesser of the two options:

Volume calculations for municipal uses:

$0.09 \text{ cfs} \times 365 \times 1.9835 = 65.2 \text{ afa}$

$41 \text{ homes} \times 1.2 \overset{\text{af}}{\text{cfs}} = 49.2 \text{ afa}$

RECEIVED

Form 238-7

7/98

Starships Consulting and
Management Services

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT 77820

Office Use Only			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat	:	:	Long
:	:	:	:

NORTHERN REGION

1. WELL TAG NO. WD5349

Drilling Permit No: 95-98-N-158-000 NORTHERN REGION
Other IDWR No. 95-08976 IDWR

2. OWNER

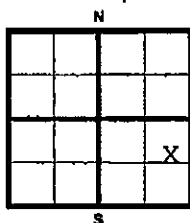
Name NEBELS ADDIT/CONKLIN PARK 769

Address 1136 BRYDEN AVE

City LEWISTON State ID Zip 83501

3. LOCATION OF WELL by legal description

sketch map location must agree with written location

Twp. 47 ☒ North or ☐ South
Rge. 03 ☐ East or ☒ West
Sec. 19 1/4 NE 1/4 SE 1/4

Gov't Lot _____ County KOOTENAI

Lat: _____ Long: _____

Address of Well Site CONKLIN PARK

City

(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 (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	62	2/15	LURRY/GRANUL

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
8	+2	62	.250	STEEL	☒	☐	☒	☐
4	-7	345	.160	PVC	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☒ Perforations Method SKILLSAW☐ Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
315	345	1/8X6	75	4	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

190 ft. below ground Artesian pressure _____ lb.

Depth flow encountered _____ ft. Describe access port or control devices: _____

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
50			1.5

Water Temp. COLD Bottom Hole Temp _____

Water Quality test or comments: CLEAR

Depth first Water encountered 335'

12. LITHOLOGIC LOG:(Describe repairs or abandonment)

					Water	
Foot	From	To	Remarks: Lithology, Water Quality, Temperature		Y	N
12	0	4	TOPSOIL		☐	☒
12	4	7	Broken Basalt		☐	☒
12	7	29	Basalt Soft		☐	☒
12	29	51	Basalt W/Tan Clay		☐	☒
12	51	62	Clay Tan Hard		☐	☒
8	62	69	Clay Tan Hard		☐	☒
8	69	77	Clay White Hard		☐	☒
8	77	98	Clay Tan Hard		☐	☒
8	98	109	Clay Brown Hard		☐	☒
8	109	115	Clay Brown W/Basalt		☐	☒
8	115	147	Basalt Soft		☐	☒
8	147	185	Basalt Broken		☐	☒
8	185	224	Basalt Soft		☐	☒
8	224	230	Basalt W/Clay Gray		☐	☒
8	230	279	Clay Gray		☐	☒
8	279	291	Clay Brown		☐	☒
8	291	306	Clay Brown W/Basalt		☐	☒
8	306	345	Basalt Soft		☒	☐
	0	0	2' of 8" CASING SCRAPED OUT		☐	☐
	0	0	Centralizers located at 310' & 345' (4")		☐	☐
	0	0	3/8 Washed Pea Gravel From 305' to 345'		☐	☐

Completed Depth 345' (Measurable)
Date: Started 9/14/98 Completed 9/16/98

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 F20 Well Service, Inc. Firm No. 448

Firm Official _____ Date 9/16/98

and

Supervisor or Operator _____ Date 9/16/98

(Sign Once If Firm Official and Operator)

(Todd Morgan)

47 N 3 W 19