RECEIVED

AUG 24 1999

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT 77204

Form 238-77
11/97

IDWR/North

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

1. WELL TAG NO. D 0010295

DRILLING PERMIT NO. 97-99-N-27

Other IDWR No.

2. OWNER:

Name Bill Lemm

Address P.O.Box 2346

City Priest River State ID Zip 83856

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

POSTED

N / W / E / S — x

Twp. 57 North ☒ or South ☐

Rge. 04 East ☐ or West ☒

Sec. 19, ____ 1/4 (10 acres) NE 1/4 (40 acres) SW 1/4 (160 acres)

Gov't Lot ____ County Bonner

Lat: : : Long: : :

Address of Well Site Peninsula/Peterson

City Priest River

(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 Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	19	4sacks	Overbore

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
6"	+1	420	250	steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe ____ Length of Tailpipe ____

9. PERFORATIONS/SCREENS

Perforations Method ____

Screens Screen Type ____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

170 ft. below ground Artesian pressure ____ lb.

Depth flow encountered 418-420 ft. Describe access port or control devices: welded well cap

11. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
100+gpm		420'	1 hr.

Water Temp. 50 Bottom hole temp. ____

Water Quality test or comments: clear

Depth first Water Encounter 418'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
10	0	2	Topsoil		x
10	2	19	Clay		x
6	19	85	Clay		x
6	85	170	Clay w/quicksand lenses		x
6	170	172	Boulders		x
6	172	245	Clay		x
6	245	249	Quicksand & gravel		x
6	249	260	Clay w/boulders		x
6	260	345	Clay w/quicksand lenses		x
6	345	411	Quicksand		x
6	411	418	Clay		x
6	418	420	Broken granite @ 100+gpm	x	

Completed Depth 420' (Measurable)

Date: Started 8-04-99 Completed 8-11-99

13. DRILLER'S CERTIFICATION

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

Company Name Intermountain Drilling Firm No. 513

Firm Official ____ Date 8-17-99

and

Driller or Operator ____ Date 8-17-99

(Sign once if Firm Official & Operator)

57N 4W 19

FORWARD WHITE COPY TO WATER RESOURCES