

RECEIVED

IDAHO DEPARTMENT OF WATER RESOURCES

77559

OCT 14 1998

WELL DRILLER'S REPORT

Office Use Only

Inspected by _____

Twp _____ Rge _____ Sec _____

1/4 1/4 1/4

Lat: : : Long: : :

NORTHERN REGION

1. WELL TAG NO. IDWR

Drilling Permit No: TAG#D3876

Other IDWR No. 94-98-N-18-000

2. OWNER

Well Number: 712

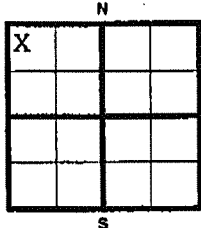
Name CROSS, CLARENCE

Address 1001 2ND AVE #403

City SEATTLE State WA Zip 98119

3. LOCATION OF WELL by legal description

sketch map location must agree with written location

Twp. 47 ☒ North or ☐ SouthRge. 03 ☐ East or ☒ West

Sec. 21 1/4 NW 1/4 NW 1/4

Gov't Lot _____ County KOOTENAI

Lat: : : Long: : :

Address of Well Site SUNSET RD
City HARRISON

(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 Sacks or Pounds	METHOD
Material	From	To		
BENTONITE	0	40	6 BAGS	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
8	0	40	.250	STEEL	☒	☐	☒	☐
6	+2	333	.250	STEEL	☒	☐	☒	☐
4	-10	590	.160	PVC	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____☒ Screens Screen Type 10' of 4" PVC 8 SLOT

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
570	580	8	10	4	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

465 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
20-30 GPM		600	2 HRS

Water Temp. _____ Bottom Hole Temp _____

Water Quality test or comments: _____

Depth first Water encountered 570

12. LITHOLOGIC LOG:(Describe repairs or abandonment)

				Water	
Bore Diam	From	To	Remarks: Lithology, Water Quality, Temperature	Y	N
10	0	28	Loney Topsoil	☐	☒
10	28	40	Broken Basalt W/Clay	☐	☒
8	40	230	Basalt Dark Gray	☐	☒
8	230	240	Clay Black	☐	☒
8	240	251	Clay Gray	☐	☒
8	251	265	Silt Blue	☐	☒
8	265	275	Clay Brown	☐	☒
8	275	280	Clay Dark Brown	☐	☒
8	280	333	Clay & Silt Stone	☐	☒
6	333	375	Shale Brown Soft	☐	☒
6	375	490	Basalt Gray Hard	☐	☒
6	490	570	Clay Gray	☐	☒
6	570	575	Clay White W/fine Sand W/Water 30	☒	☐
6	575	600	Clay Gray	☐	☒
	0	0	Bolt on well Cap	☐	☐
	0	0	set 4x6 Shale trap at 565'	☐	☐
	0	0	Set 10' of 8 slot Screen at 570-580'	☐	☐

Completed Depth 600' (Measurable)

Date: Started 6/2/98 Completed 9/17/98

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 1120 WellService, Inc. Firm No. 448

Firm Official _____ Date 9/17/98

and _____

Supervisor or Operator _____ Date 9/17/98

(Sign Once if Firm Official and Operator)

(Louie Hanner)

47N 3W 21