

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTLocation Corrected by IDWR To:
T53N R04W Sec. 31 SENWNW
By: mciscell 2013-09-101. WELL TAG NO. D D0056366

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER: BILL HERBERTName BILL HERBERTAddress 25277 N. EDWARDS RD.City RATHDRUM State ID. Zip 83858

3. WELL LOCATION:

Twp. 53 North ☒ or South ☐ Rge. 04 East ☐ or West ☒Sec. 31 1/4 SE 1/4 NW 1/4Gov't Lot _____ County KOOTENAILat. N 47° 54' 121 (Deg. and Decimal minutes)Long. W 116° 53' 372 (Deg. and Decimal minutes)Address of Well Site 25277 N. EDWARDS RD.RATHDRUM City IDAHO 83858

(Give at least name of road or distance to road or landmark)

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

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

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material From (ft) To (ft) Quantity (lbs or ft³) Placement method/procedure

GRANULAR BENTONITE 0 18' 700 LB TEMP. 10" CASING

8. CASING/LINER:

Diameter (nominal) From (ft) To (ft) Gauge/Schedule Material Casing Liner Threaded Welded

6" +2' 132' .250 STEEL ☒ ☐ ☐ ☐4" -10 330' 2.00 PVC ☐ ☒ ☐ ☐☐ ☐ ☐ ☐☐ ☐ ☐ ☐Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 132 FT.

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____Manufactured screen ☒ Y ☐ N Type PVCMethod of installation OVER BORE

From (ft) To (ft) Slot size Number/ft Diameter (nominal) Material Gauge or Schedule

330' 360' .06 30' 4" PVC SCHED. 40☐ ☐ ☐ ☐☐ ☐ ☐ ☐☐ ☐ ☐ ☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material From (ft) To (ft) Quantity (lbs or ft³) Placement method

☐ ☐ ☐ ☐☐ ☐ ☐ ☐

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 280' Static water level (ft) 130'

Water temp. (°F) _____ Bottom hole temp. (°F) _____

Describe access port BOLT DOWN WELL CAP

Well test: Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
	<u>4</u>	<u>4 HRS.</u>	☒	☐	☐	☐

Water quality test or comments: _____

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
<u>10"</u>	<u>0</u>	<u>5'</u>	<u>TOP SOIL</u>		<u>X</u>
<u>10"</u>	<u>5'</u>	<u>18'</u>	<u>COURSE SANDS W/ TRACE OF CLAY, BROWN, SOFT</u>		<u>X</u>
<u>8"</u>	<u>18'</u>	<u>45'</u>	<u>COURSE SANDS W/ TRACE OF CLAY, BROWN, SOFT</u>		<u>X</u>
<u>8"</u>	<u>45'</u>	<u>90'</u>	<u>BASALT, BLACK, BROWN, FRACTURED</u>		<u>X</u>
<u>8"</u>	<u>90'</u>	<u>100'</u>	<u>CLAY, BROWNISH, HARD PAN</u>		<u>X</u>
<u>8"</u>	<u>100'</u>	<u>120'</u>	<u>CLAY, BROWNISH, HARD PAN, W/ SANDS, MED TO FINE</u>		<u>X</u>
<u>8"</u>	<u>120'</u>	<u>132'</u>	<u>CEMENTED SANDS, MED. TO COURSE, SOFT</u>		<u>X</u>
<u>6"</u>	<u>132'</u>	<u>280'</u>	<u>CEMENTED SANDS, MEDIUM TO COURSE, HARD</u>		<u>X</u>
<u>6"</u>	<u>280'</u>	<u>290'</u>	<u>CEMENTED SANDS, MED. TO COURSE 4 G.P.M.</u>	<u>X</u>	
<u>6"</u>	<u>290'</u>	<u>300'</u>	<u>CEMENTED SANDS, MED. TO COURSE</u>		<u>X</u>
<u>6"</u>	<u>300'</u>	<u>360'</u>	<u>GRANITE, SALT + PEPPERED W/ QUARTZITE</u>		<u>X</u>

RECEIVED

JAN 04 2010

IDWR / NORTH

6" DRIVE SHOE

6" BOLT ON WELL CAP

4" PVC THREADED END CAP

SHALE TRAP 260 FT.

Completed Depth (Measurable): 360'Date Started: 7-15-09 Date Completed: 11-30-09

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 CARL PITTS & SONS Co. No. 168*Principal Driller STEVE PITTS Date _____*Driller MICHAEL HALTERMAN Date 12/27/09

*Operator II _____ Date _____

Operator I [Signature] Date 12/27/09

* Signature of Principal Driller and rig operator are required.